PRODUCT QUICK GUIDE

CCTV CHANNEL PRODUCTS

2021 H1

HIKVISION®

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HIKVISION ACUSENSE

A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

Compared to conventional sensor-based alarm systems, a video-based security system that utilizes cameras has several advantages: the ability to watch events in real-time over the live feed, capture critical data around those events, and provide solid and accurate evidence for law enforcement.

AcuSense technology adds a touch of intelligence to Hikvision s popular cameras and video recorders, making them perfect for an accessible and intelligent security system. Based on deep learning technology, AcuSense helps you focus on human and vehicle events in two ways: alarms will only trigger when the preset type of intrusion takes place, and video footage is sorted by target-type categories for easier searching through recorded footage. Strobe light and audio alarms serve as virtual security guards, protecting users from potential risks by warding off intruders. When emergencies occur, related videos are classified into human and vehicle categories for quick search and retrieval.

Sophisticated, highly effective, and affordable, the AcuSense solution provides SMB owners and operators an intelligent and easy-to-use protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.

AcuSense

FOCUS and ACT

AcuSense
Technology

HIKVISION COLORVU

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, dim, low-quality images from conventional cameras miss or lose critical details. Cameras with infrared LEDs are able to provide extra light for clearer image, but in black-and-white.

But now, imagine capturing vivid, colorful details such as the color of people s clothing or of a car even in total darkness. Hikvision ColorVu Technology makes this possible.

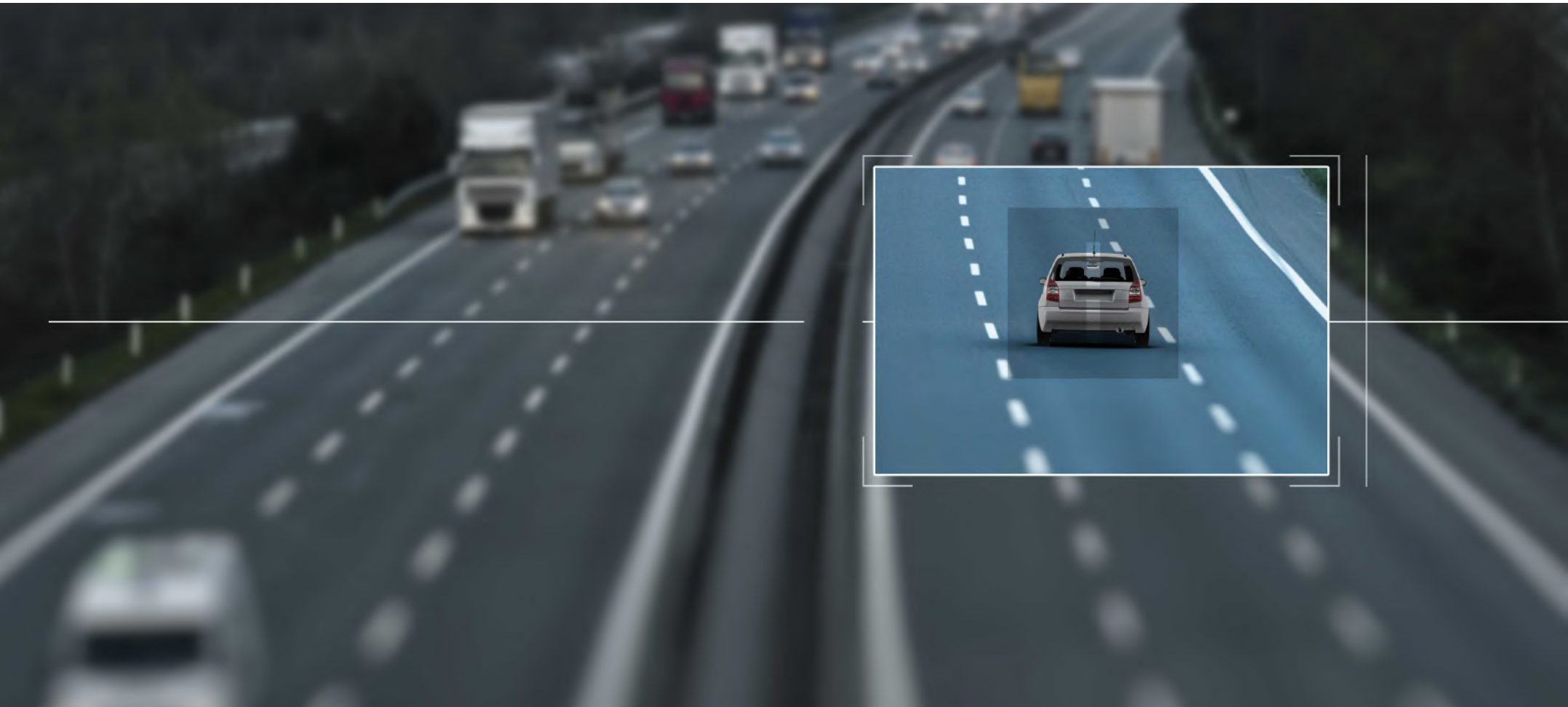
Hikvision ColorVu Technology enables front-end products to capture details in low light with three advantages: advanced hardware, superior ISP algorithm, and reliable quality control. ColorVu technology employs two specific breakthroughs in hardware technology: advanced lenses and powerful sensors. These lenses reach up to F1.0, allowing more light to enter and thereby increasing image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light. The frontier ISP algorithm realizes precise color rendition to produce accurate colorful images. Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superlative quality control.

Extreme light conditions are also taken into consideration in the design process. Some cameras are equipped with warm, natural-looking supplemental lighting. This way, when there is no light source whatsoever even starlight or street lights they can guarantee colorful imaging. For most scenes, the environmental light is bright enough for ColorVu cameras to render vivid color without supplemental lighting.

4K

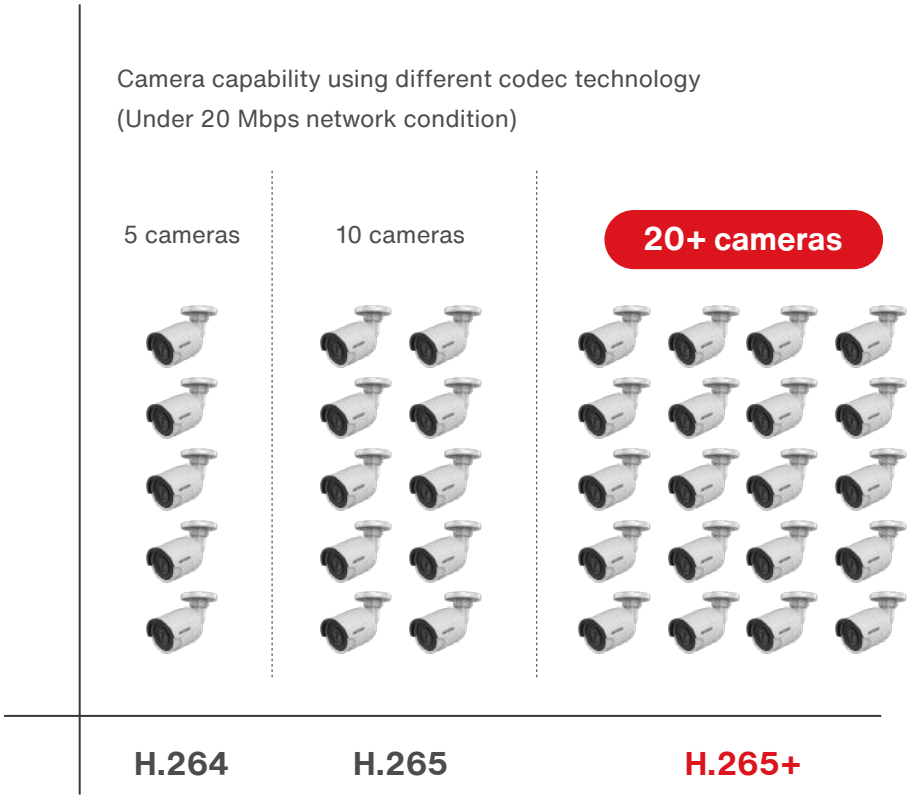
With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading video security equipment manufacturer, Hikvision has paid close attention to the rise in high-resolution imaging, and launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and DVRs / NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in video security. By building a total system complete with cameras, DVRs, NVRs, and more Hikvision provides systems that are more helpful and more useful to customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry s need for ultra-high resolution and smart video monitoring.



H.265+
TECHNOLOGY

The H.265+ smart codec algorithm is an intelligent proprietary algorithm developed by Hikvision. It can vastly decrease the bitrate of video while retaining the quality of the standard H.265 codec. H.265+ does this via three core technologies: predictive encoding, noise suppression and bitrate control. This smart codec drastically reduces bandwidth and data storage while rendering amazing video quality.

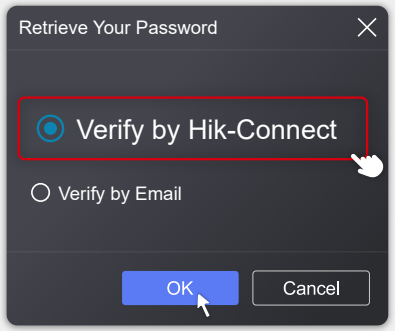


Note: this test result is for reference only.

Reset Password via Hik-Connect

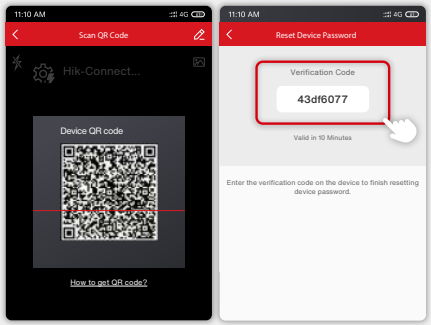
To help users with easier password retrieval without needing to consult aftersales, Hikvision offers the new password reset function which is easy and safe. With this function, users can reset password for DVR or NVR via Hik-Connect in only about 1 minute.

3 steps, within **1** minute



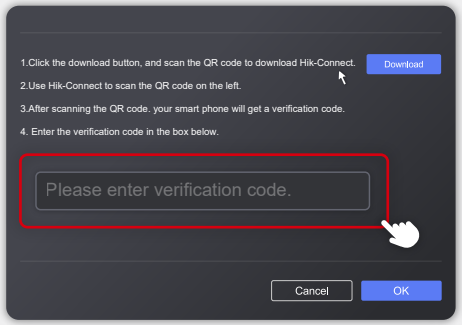
Select "Verify by Hik-Connect" on the device.

01



Scan QR code via the Hik-Connect App to get a verification code.

02



Key in the verification code to reset password.

03

Double assurance for better security

Registered account

This function is available for registered Hik-Connect account, not with visitor mode.

Authority control

The Hik-Connect account need to be linked with the device. Other unlinked accounts don t have the permission to reset password.

Tips

It is highly suggested that you link your device to the Hik-Connect account upon device activation as password reset can only be performed with a linked account.

Brand-new User Interface "E-UI"

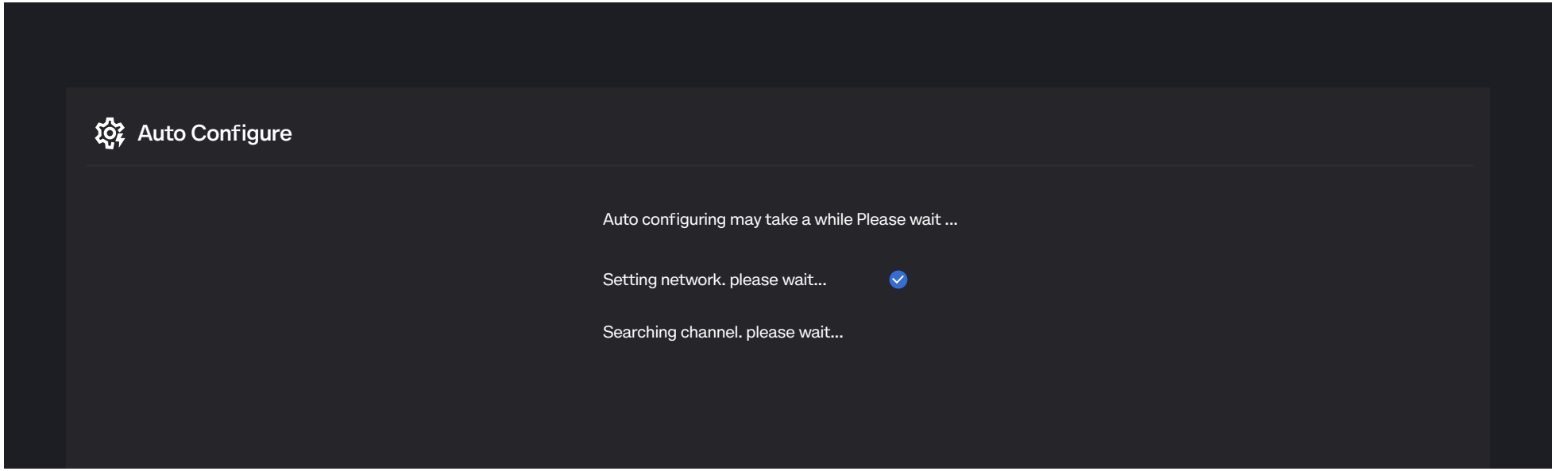
What is E-UI?

The E-UI is an easy and efficient user interface for Hikvision NVRs.

"Easy" means that users can easily find what they are looking for;
"Efficient" means that users can finish their settings quickly and effectively.

What are the features of E-UI?

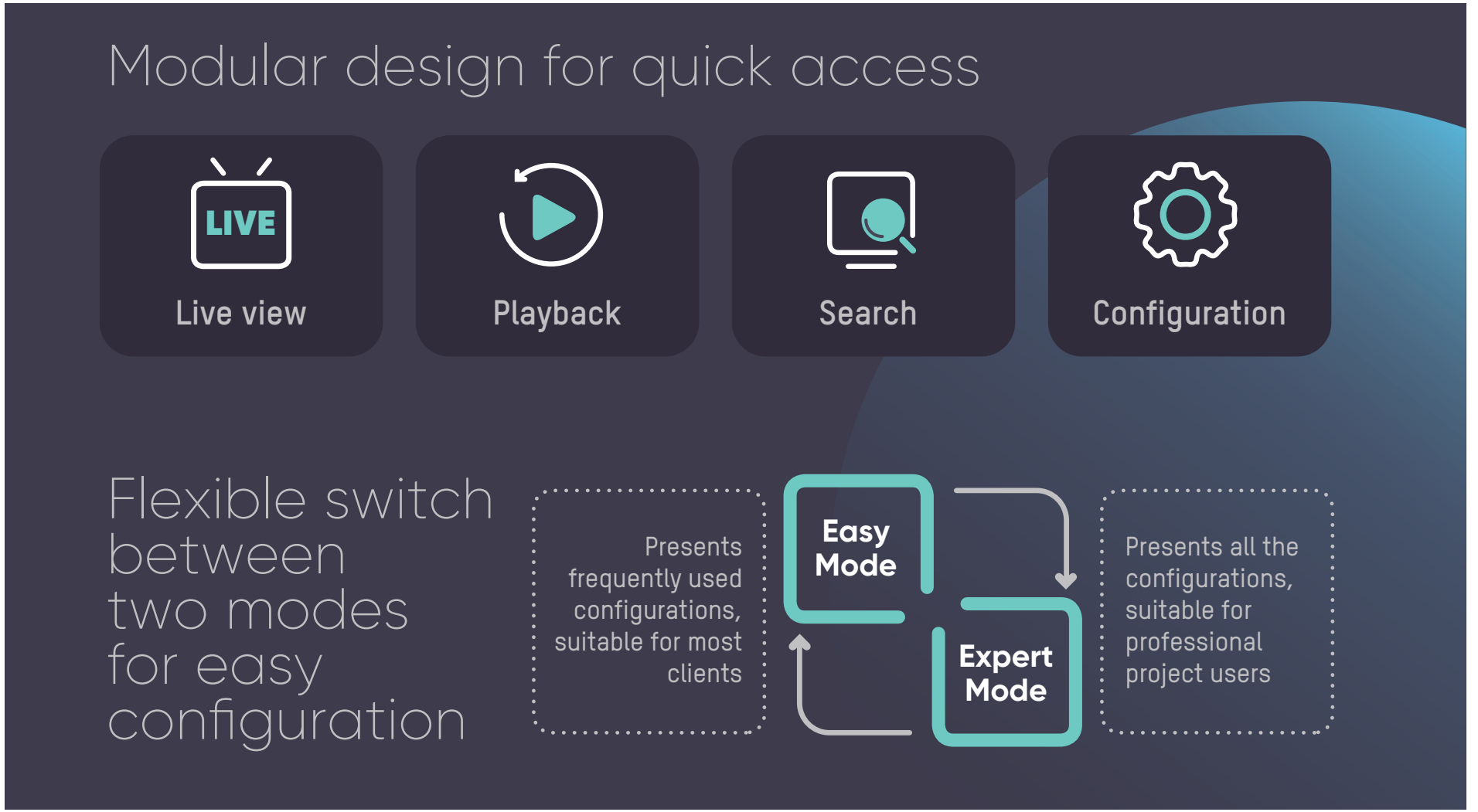
Efficient to connect: Customers need to complete just a few initial settings on the NVR to begin. The NVR will then automatically activate and add inactive cameras within the same network segment.



*This function only works with non-PoE series NVRs.

Easy to configure:

There are 4 buttons on the top menu for quick access. The E-UI offers two configuration mode options to cater to a variety of user habits.



* Supported by 71Q/76Q/77Q/76K/77K series (V 4.30.055)

Turbo HD History

The Turbo HD line transforms analog CCTV video into high quality, high definition monitoring. Each iteration of the Turbo HD product portfolio advances the technology to the next amazing level.

Throughout Turbo s history, Hikvision has continually advanced what every video security system installer and user cares about most: clear and accurate video recording. With the new Turbo HD X system, a further step was taken to help users achieve real-time response.

Turbo HD 2013 — 1.0

- HD 1080p
- H.264

Turbo HD 2016 — 3.0

- 5 MP
- H.264+
- TVI/CVBS/IPC standards and more
- PoC 1.0

Turbo HD 2017 — 4.0

- 4K
- H.265 & H.265+
- Ultra-low-light technology
- PoC 2.0

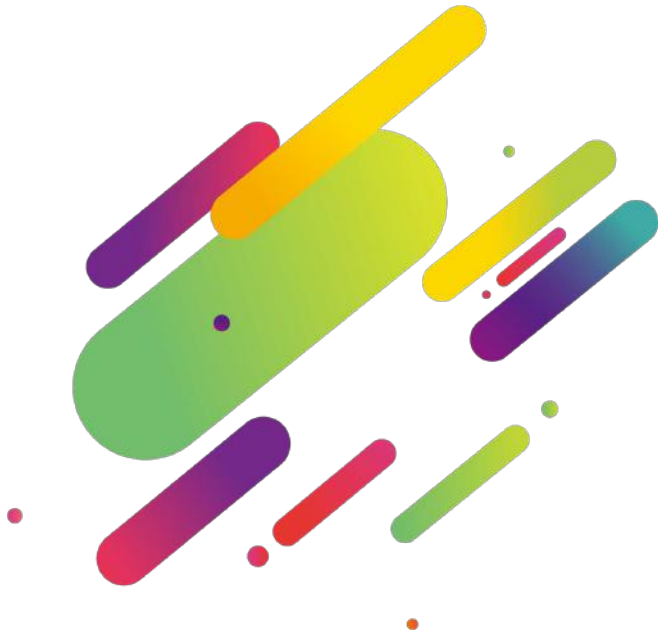
Turbo HD 2018 — 5.0

AcuSense

ColorVu

Turbo HD 2019 — X

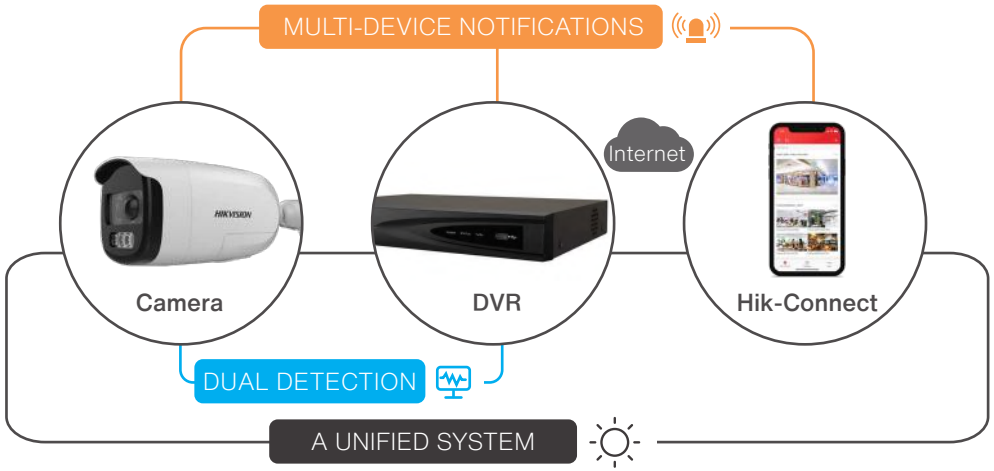
- Built-in siren and flashing light
- Active prevention
- Integrated response
- Real-time alerts



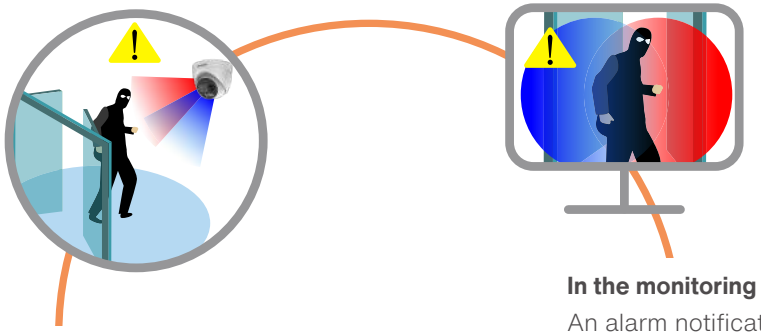
Turbo HD X

The Turbo HD line transforms analog CCTV video into high quality, high definition monitoring. Each iteration of the Turbo HD product portfolio advances the technology to the next amazing level.

Throughout Turbo s history, Hikvision has continually advanced what every video security system installer and user cares about most: clear and accurate video recording. With the new Turbo HD X system, a further step was taken to help users achieve real-time response.

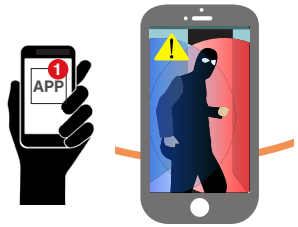


How does it work?
Here is an example.



At the entrance
The siren went off and the blue and red light started to flash. The thief quickly ran off.

In the monitoring room
An alarm notification popped up. The security on duty immediately noticed and sent someone to check.

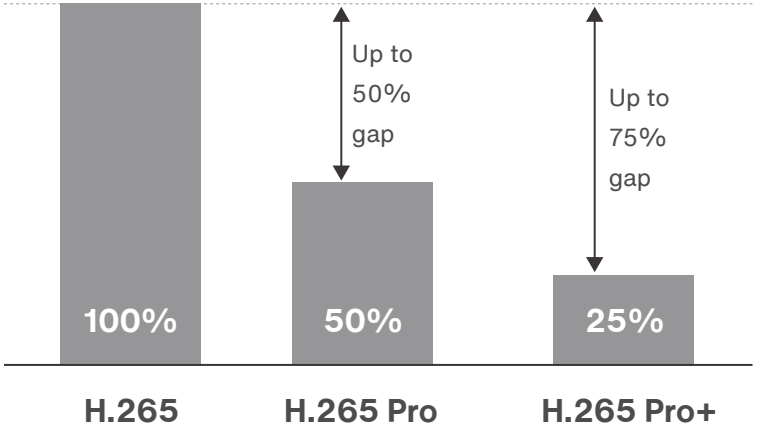


On the mobile app
The store manager got a message on his phone, he then called the security team to make sure everything is properly handled.

H.265 Pro+

The H.265 Pro video compression optimizes H.265 through advanced algorithms. H.265 Pro can intelligently adjust video bitrates according to given scenarios, significantly compressing the video file while maintaining high image quality.

Furthermore, when combining H.265 Pro with Hikvision s unique H.265+ , the newly generated H.265 Pro+ works even better. Compared with H.265, H.265 Pro reduces video file size by 50% on average while H.265 Pro+ reduces video file size by up to 75% and at times even more.



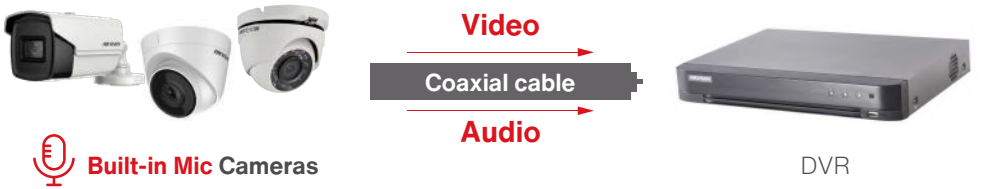
Storage time is four times longer
under the same storage capability

PIR Solution for Perimeter Protection

PIR (passive infrared) camera has a built-in PIR detector and flashlight. The PIR detector reacts to human body s IR emission and is able to control the on and off of flashlight according to PIR detector. The camera will immediately flashes bright strobe light to warn trespassers, and hopefully drive them away from the perimeter.

Coaxial Audio Solution

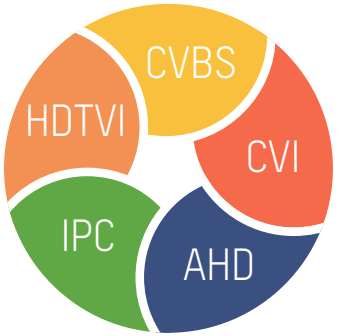
Coaxial audio makes transmission of both HD video and sound possible over a coaxial cable, which means audio accessories like pick-ups and audio adaptors especially audio cabling can be removed. Enjoy a compact and efficient video & audio system with Hikvision s coaxial audio solution.



4-in-1 & 5-in-1

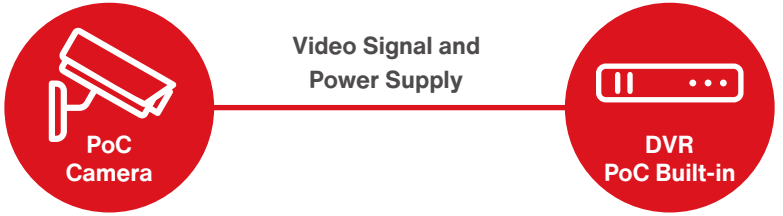
4-in-1 means the camera is able to deliver HD-TVI, AHD, CVI and CVBS signals. Users can choose suitable signal accordingly.

5-in-1 means the DVR is not only able to access HD-TVI, AHD, CVI and CVBS signals, but also able to access IP cameras.



PoC 2.0

PoC 2.0 (Power Over Coax)



- Transmits both HD video and power over the same coax cable
- Unique built-in design
- Patented Hikvison technology

Turbo HD Cameras

002 Hikvision ColorVu Series

011 Ultra Series

015 Pro Series

025 Value Series

047 IoT Series

054 Special Series

Turbo HD Cameras

Hikvision ColorVu Series

Hikvision ColorVu cameras render colorful imaging, 24/7. These cameras can provide colorful video in ultra-low-light scenarios even without any supplemental lighting.
In zero-light environments, automatic supplemental lighting from the camera itself will enhance imaging. Highlights of these cameras include:

- 24/7 colorful imaging
- Ultra-low-light night vision
- 130 dB True WDR
- 4-in-1 video output
- Audio over coaxial
- New camera appearance and package design (Moonlit silver / Starry gold / Polar glow)

HD 1080P

Model	DS-2CE10DFT-F	DS-2CE72DFT-F	DS-2CE12DFT-F	DS-2CE10DFT-PF28(2.8mm)	DS-2CE10DFT-PF	DS-2CE10DFT-F28(2.8mm)	DS-2CE72DFT-F28(2.8mm)
Image							
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera
Lens	3.6 mm fixed focal lens	3.6 mm fixed focal lens	3.6 mm fixed focal lens	2.8 mm fixed lens	3.6 mm fixed focal lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	Horizontal Field of View 83.6° (3.6 mm), 52.8° (6 mm)	Horizontal Field of View 83.6° (3.6 mm), 52.8° (6 mm)	Horizontal Field of View 83.6° (3.6 mm), 52.8° (6 mm)	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	-	-	Yes	Yes
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, 3D DNR, Mirror, Smart light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE12DFT-F28 (2.8mm)	DS-2CE10DF0T-PF	DS-2CE10DF0T-F	DS-2CE12DF0T-F	DS-2CE70DF0T-PF	DS-2CE70DF0T-MF	DS-2CE72DF0T-F
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm fixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mm fixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBSv	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-		-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	Yes	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE10DF3T-PF	DS-2CE10DF3T-F	DS-2CE12DF3T-F	DS-2CE70DF3T-PF	DS-2CE70DF3T-MF	DS-2CE72DF3T-F
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mm fixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE10DF8T-PF	DS-2CE10DF8T-F	DS-2CE12DF8T-F	DS-2CE70DF8T-PF	DS-2CE70DF8T-MF	DS-2CE72DF8T-F
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mm fixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens	2.8 mm, 3.6mmfixed lens
Min. Illumination	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast
Protection Level	IP68	IP68	IP68	-	IP68	IP68
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE10DF3T-PFS	DS-2CE10DF3T-FS	DS-2CE12DF3T-FS	DS-2CE70DF3T-PFS	DS-2CE70DF3T-MFS	DS-2CE72DF3T-FS
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91° 6 mm, horizontal FOV: 51°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE10DF8T-PFSLN	DS-2CE10DF8T-FSLN	DS-2CE12DF8T-FSLN	DS-2CE70DF8T-PFSLN	DS-2CE70DF8T-MFSLN	DS-2CE72DF8T-FSLN
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS	WDR;BLC;HLC;Global;HLS
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE19DF8T-AZE	DS-2CE79DF8T-AZE	DS-2CE59DF8T-AVPZE	DS-2CE10HFT-F28 (2.8mm)	DS-2CE72HFT-F28 (2.8mm)
Image					
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Turret Camera
Lens	2.8 mm to 12 mm motorized, auto focus	2.8 mm to 12 mm motorized, auto focus	2.8 mm to 12 mm motorized, auto focus	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white Light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white Light	0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light
FOV	horizontal FOV: 92.3° to 34.2°, vertical FOV: 48.4° to 19°, diagonal FOV: 112.2° to 39.2°	horizontal FOV: 92.3° to 34.2°, vertical FOV: 48.4° to 19°, diagonal FOV: 112.2° to 39.2°	horizontal FOV: 92.3° to 34.2°, vertical FOV: 48.4° to 19°, diagonal FOV: 112.2° to 39.2°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°
Angle Adjustment	Pan:0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan:0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan:0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°
Day & Night	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 40 m	Up to 40 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR, BLC, HLC, Global, HLS	WDR, BLC, HLC, Global, HLS	WDR, BLC, HLC, Global, HLS	-	-
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP68	IP68	IK10 ; IP68	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC/24 VAC±20%/PoC.at	12 VDC/24 VAC±20%/PoC.at	12 VDC/24 VAC±20%/PoC.at	12 VDC ±25%	12 VDC ±25%

5 MP

Model	DS-2CE12HFT-F28 (2.8mm)	DS-2CE12HFT-F	DS-2CE10HFT-E	DS-2CE72HFT-E	DS-2CE12HFT-E
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Description	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Turret Camera	5 MP Full Time Color Bullet Camera
Lens	2.8 mm fixed lens	3.6 mm fixed lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light
FOV	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	80.1° (3.6 mm), 49.3° (6 mm)	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 58.6°, diagonal FOV: 106.2°	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 58.6°, diagonal FOV: 106.2°	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 58.6°, diagonal FOV: 106.2°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°
Day & Night	Color	Color	Color	Color	Color
WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 40 m	Up to 20 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	BLC	BLC	BLC
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Mirror, Sharpness, Anti-Banding, Smart Light	Brightness, Mirror, Sharpness, Anti-Banding, Smart Light	Brightness, Mirror, Sharpness, Anti-Banding, Smart Light
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC±25%/PoC.af	12 VDC±25%/PoC.af	12 VDC±25%/PoC.af

Turbo HD Cameras

Ultra Series

Ultra Series Cameras capture ultra high quality and high definition videos. With ultra HD and ultra-low-light abilities, cameras perform even in scenarios with dim light. And with 120 dB true WDR, environments with strong backlight won t be any headaches. High performance, simple installation, and easy operation come together for an excellent user experience.

- Ultra HD
- Ultra-low-light night vision
- 120 dB True WDR
- PoC easy installation
- EXIR 2.0
- Dual output

HD 1080P

Model	DS-2CC12D9T-IT3E	DS-2CC12D9T-IT5E	DS-2CC52D9T-IT3E	DS-2CC12D9T-AIT3ZE	DS-2CC52D9T-AITZE	DS-2CC52D9T-AVPIT3ZE
Image						
Description	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Turret Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Dome Camera	2 MP Ultra Low Light PoC Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm optional	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris
Min. Illumination	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	32.1° to 98°	32.1° to 98°	32.1° to 98°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 80 m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)
D/N Mode	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)
White Balance	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual
BLC	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Defog, Mirror,Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67,IK10
Alarm I/O	-	-	-	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output
Power	12 VDC ± 30%/PoC	12 VDC ± 30%/PoC	12 VDC ± 30%/PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC / 12 VDC ± 30% / PoC

Model	DS-2CE16D9T-AIRAZH	DS-2CC12D9T-(A)	DS-2CC12D9T-E
Image			
Description	2 MP WDR Motorized VF EXIR Bullet Camera	2 MP WDR Box Camera	2 MP WDR PoC Box Camera
Lens	5-50mm Auto Focus, Auto Iris	C/CS	C/CS
Min. Illumination	0.003 Lux @ (F1.2,AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Angle of view: 59.8°-6.2°	-	-
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	-	-
Day & Night	ICR	ICR	ICR
WDR	WDR	WDR	WDR
Max. IR Range	Up to 110 m	-	-
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)
D/N Mode	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)
White Balance	ATW / AWC-SET / Manual	ATW, AWC-SET, Manual	ATW, AWC-SET, Indoor, Outdoor, Manual
BLC	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFFv
3D DNR	3D DNR	3D DNR	3D DNR
Functions	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM
Protection Level	IP66	-	-
Alarm I/O	-	-A model: 1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output
Power	AC24V±15%/ DC12V±15%, Heater is available with 24 VAC only	12 VDC ± 15%, -A model: 24V ± 15% AC, 12V ± 15% DC	12 VDC ± 15%, POC

4K

Model	DS-2CE17U8T-IT	DS-2CE18U8T-IT3
Image		
Description	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter
WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output
CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual/Natural	Auto/Manual/Natural
BLC	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	3D DNR	3D DNR
Functions	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
Protection Level	IP67	IP67
Alarm I/O	-	-
Power	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE57U8T-VPIT	DS-2CE78U8T-IT3	DS-2CE19U8T-AIT3Z	DS-2CE37U8T-A	DS-2CE79U8T-IT3Z	DS-2CE59U8T-AVPIT3Z
Image						
Description	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Box Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	108.1° to 45.6°	-	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	-	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 60 m	Up to 80 m	-	Up to 80 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
Protection Level	IP67,IK10	IP67	IP67	-	IP67	IP67,IK10
Alarm I/O	-	-	-	support	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%

Turbo HD Cameras

Pro Series

Pro Series Cameras provide high quality imaging with advanced technologies including ultra-high-definition resolutions, ultra-low-light performance, and 130 dB True WDR. And depending on the power of the base, these cameras can give clearer details even in extremely wide, ultra-low light, and strongly back-lit places.

- Ultra HD
- Ultra-low-light night vision
- 130 dB True WDR
- PoC for easy installation
- 4-in-1 video output
- EXIR 2.0

HD 1080P

Model	DS-2CE16D8T-ITPF	DS-2CE16D8T-ITF	DS-2CE16D8T-IT1F	DS-2CE16D8T-IT3F	DS-2CE16D8T-IT5F	DS-2CE56D8T-VPITF	DS-2CE56D8T-IRS
Image							
Description	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Dome Camera	2 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 94.5° (2.8 mm), 79.1° (3.6 mm), 50° (6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt:0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: -30° to 30°, Tilt: 0° to 80°, Rotate: -180° to 180°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67,IK10	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC±30%

Model	DS-2CE56D8T-ITMF	DS-2CE56D8T-IT1F	DS-2CE56D8T-IT3F	DS-2CE16D8T-IT3ZF	DS-2CE16D8T-AIT3ZF	DS-2CE56D8T-IT3ZF	DS-2CE56D8T-ITZF
Image							
Description	2 MP Ultra-Low Light Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Turret Camera	2 MP Ultra-Low Light ZF EXIR Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	Lens 2.8 mm, 3.6 mm, fixed focal lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2 AGC ON), 0 Lux with IR	Min. illumination Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°
Angle Adjustment	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9 VDC to 15 VDC

Model	DS-2CE56D8T-AITZF	DS-2CE56D8T-VPIT3ZF	DS-2CE56D8T-AVPIT3ZF	DS-2CE5AD8T-VPIT3ZF	DS-2CE5AD8T-AVPIT3ZF	DS-2CC12D8T-AMM	DS-2CE16D8T-ITE
Image							
Description	2 MP Ultra-Low Light ZF EXIR Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light Box Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera
Lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	32.1° to 103°	-	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)
Angle Adjustment	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	-	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	-	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, sharpness, mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	-	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%/PoC.af

Model	DS-2CE16D8T-IT1E	DS-2CE16D8T-IT3E	DS-2CE16D8T-IT5E	DS-2CE56D8T-VPITE	DS-2CE56D8T-ITME	DS-2CE56D8T-IT1E
Image						
Description	2 MP Ultra-Low Light PoC Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC Dome Camera	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra Low-Light PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm)	103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 355°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67,IK10	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ;25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af

Model	DS-2CE56D8T-IT3E	DS-2CE16D8T-IT3ZE	DS-2CE56D8T-IT3ZE	DS-2CE56D8T-ITZE	DS-2CE56D8T-VPIT3ZE	DS-2CE5AD8T-VPIT3ZE
Image						
Description	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra-Low Light VF PoC Bullet Camera	2 MP Ultra-Low Light VF PoC Turret Camera	2 MP Ultra-Low Light VF PoC EXIR Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera
Lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm), 54.4° (6 mm), 38° (8 mm), 24.4° (12 mm)	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	32.1° to 103°
Angle Adjustment	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 60 m	Up to 60 m	Up to 60 m	Up to 30 m	Up to 60 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP50	IP67,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.af	9 VDC to 15 VDC/PoC.af

5 MP

Model	DS-2CE16H8T-ITF	DS-2CE16H8T-IT1F	DS-2CE16H8T-IT3F	DS-2CE16H8T-IT5F	DS-2CE57H8T-VPITF	DS-2CE76H8T-ITMF
Image						
Description	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Dome Camera	5 MP Ultra-Low Light Turret Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm)	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm)	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm), 37° (8 mm), 23° (12 mm)	78° (3.6 mm), 48° (6 mm), 37° (8 mm), 23° (12 mm)	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm)	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78H8T-IT1F	DS-2CE78H8T-IT3F	DS-2CE19H8T-AIT3ZF	DS-2CE79H8T-AIT3ZF	DS-2CE56H8T-AITZF
Image					
Description	5 MP Ultra-Low Light EXIR Turret Camera	5 MP Ultra-Low Light Turret Camera	5 MP Ultra-Low Light VF Bullet Camera	5 MP Ultra-Low Light VF Turret Camera	5 MP Ultra-Low Light VF Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm)	98° (2.8 mm), 78° (3.6 mm), 48° (6 mm), 37° (8 mm), 23° (12 mm)	92.3° to 29.3°	92.3° to 29.3°	92.3° to 29.3°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

4K

Model	DS-2CE59H8T-AVPIT3ZF	DS-2CE5AH8T-AVPIT3ZF
Image		
Description	5 MP Ultra-Low Light VF Dome Camera	5 MP Ultra-Low Light VF Dome Camera
Lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	92.3° to 29.3°	92.3° to 29.3°
Angle Adjustment	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR
Max. IR Range	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67,IK10	IP67,IK10
Alarm I/O	-	-
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE16U7T-ITF	DS-2CE16U7T-IT3F	DS-2CE57U7T-VPITF
Image			
Description	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 60 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67,IK10
Alarm I/O	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U7T-ITMF	DS-2CE78U7T-IT3F	DS-2CE19U7T-AIT3ZF	DS-2CE79U7T-AIT3ZF	DS-2CE59U7T-AVPIT3ZF	DS-2CE5AU7T-AVPIT3ZF
Image						
Description	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Turbo HD Cameras

Value Series

Value Series Cameras offer cost-effective, high quality video security solution. Users will enjoy high definition video, plug and play through coaxial cable, high quality components, and great durability.

- Ultra HD
- PoC easy installation
- Audio over coaxial
- 4-in-1 video output
- EXIR 2.0

HD 720P

Model	DS-2CE16C0T-IRP	DS-2CE16C0T-IR	DS-2CE16C0T-IT1	DS-2CE16C0T-IT3	DS-2CE16C0T-IT5	DS-2CE56C0T-IRMM	DS-2CE56C0T-IRP	DS-2CE56C0T-IR
Image								
Description	1 MP IR Bullet Camera	1 MP IR Bullet Camera	1 MP IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera
Lens	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)	3.6 mm (6 mm, 8 mm, 12 mm, 16 mm optional)	2.8 mm, 3. 6mm optional	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm optional
Min. Illumination	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR
FOV	Field of view: 70.9° (3.6 mm), 92° (2.8mm), 56.7° (6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Field of view: 70.9° (3.6 mm), 92° (2.8mm), 56.7° (6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm), 38.6°(8mm), 27.5°(12mm), 17.7°(16mm)	Angle of View: 70.9°(3.6mm), 56.7°(6mm), 38.6°(8mm), 27.5°(12mm), 17.7°(16mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 350°, Tilt: 0 - 70°, Rotation: 0 - 350°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	-	-	IP66
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE56C0T-IRM	DS-2CE56C0T-IT1	DS-2CE56C0T-IT3	DS-2CE16C0T-IRPF	DS-2CE16C0T-IRF	DS-2CE16C0T-IT1F	DS-2CE16C0T-IT3F
Image							
Description	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p IR Bullet Camera	HD 720p IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera
Lens	2.8 mm, 3.6 mm optional	3.6mm (2.8mm, 8mm optional)	3.6 mm (2.8 mm, 8 mm, 12 mm, 16 mm optional)	2.8 mm, 3.6 mm, optional	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm (2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional)
Min. Illumination	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm), 38.6°(8mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm), 38.6°(8mm), 27.5°(12mm), 17.7°(16mm)	Field of view: 70.9° (3.6 mm), 92° (2.8mm), 56.7° (6mm)	Field of view: 70.9° (3.6 mm), 92° (2.8mm), 56.7° (6mm)	Field of view: 70.9° (3.6 mm), 92° (2.8mm), 56.7° (6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm), 38.6°(8mm), 27.5°(12mm), 17.7°(16mm)
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE16C0T-IT5F	DS-2CE56C0T-IRMMF	DS-2CE56C0T-IRPF	DS-2CE56C0T-IRF	DS-2CE56C0T-IRMF	DS-2CE56C0T-IT1F	DS-2CE56C0T-IT3F
Image							
Description	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera
Lens	3.6 mm (6 mm, 8 mm, 12 mm, 16 mm optional)	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm optional	3.6 mm (2.8 mm, 8 mm optional)	3.6 mm (2.8 mm, 8 mm, 12 mm, 16 mm optional)
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	Field of view: 70.9° (3.6 mm), 56.7° (6 mm), 38.6° (8 mm), 27.5° (12 mm), 17.7° (16 mm)	Field of view: 70.9°(3.6 mm), 92°(2.8 mm), 56.7°(6 mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Field of view: 70.9° (3.6 mm), 92° (2.8 mm), 56.7° (6 mm)	Field of view: 70.9°(3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 38.6°(8 mm)	Field of view : 70.9° (3.6 mm), 92° (2.8 mm), 56.7° (6 mm), 38.6° (8 mm), 27.5°(12 mm), 17.7° (16 mm)
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 350°, Tilt: 0° to 70°, Rotation: 0° to 350°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-
Protection Level	IP66	-	-	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

HD 1080P

Model	DS-2CE16D0T-IRPE	DS-2CE16D0T-IRE	DS-2CE16D0T-IT1E	DS-2CE16D0T-IT3E	DS-2CE16D0T-IT5E	DS-2CE56D0T-IT1E	DS-2CE56D0T-IT3E
Image							
Description	HD 1080p PoC IR Bullet Camera	HD 1080p PoC IR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Turret Camera	HD 1080p PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	2.8 mm, 3.6 mm optional	2.8 mm, 3.6 mm, 8 mm, 12 mm, 16 mm fixed focal lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	103.55° (2.8 mm), 82.63° (3.6 mm), 54.38° (6 mm)	103.55° (2.8 mm), 82.63° (3.6 mm), 54.38° (6 mm)	103.55° (2.8 mm), 82.63° (3.6 mm), 54.38° (6 mm)	103.55° (2.8 mm), 82.63° (3.6 mm), 54.38° (6 mm), 37.96° (8 mm), 24.36° (12 mm), 18.92°	82.63° (3.6 mm), 54.38° (6 mm), 37.96° (8 mm), 24.36° (12 mm), 18.92° (16 mm)	Field of view: 103° (2.8 mm), 82.2° (3.6 mm), 54° (6 mm)	103.55° (2.8 mm), 82.63° (3.6 mm), 54.38° (6 mm), 37.96° (8 mm), 24.36° (12 mm), 18.92° (16 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	(16 mm)Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 analog HD output	1 analog HD output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±15%/PoC.at	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af

Model	DS-2CE16D0T-VFIR3E	DS-2CE56D0T-VFIR3E	DS-2CE56D0T-VFIRE	DS-2CE56D0T-VPIR3E	DS-2CE16D0T-I2PFB	DS-2CE16D0T-I2FB	DS-2CE56D0T-I2PFB
Image							
Description	2 MP Vari-focal PoC Bullet Camera	2 MP Vari-focal PoC Turret Camera	2 MP Vari-focal PoC Dome Camera	2 MP Vandal Proof PoC Dome Camera	2 MP Balun Camera	2 MP Balun Camera	2 MP Balun Camera
Lens	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm, 3.6 mm fixed len	2.8 mm, 3.6 mm fixed len	2.8 mm, 3.6 mm fixed len
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON),0 Lux with IR	0.01 Lux@(F1.2,AGC ON),0 Lux with IR	0.01 Lux@(F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	105.2° to 32.8 °	Horizontal Field of View 105.2° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	ICR	IR cut filter	IR cut filter	IR cut filter	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 analog HD output	1 analog HD output	1 analog HD output	1 analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW	ATW	ATW	ATW	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP66	IP66	-	IP66	IP66	IP66	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.af	12 VDC ±15%/PoC.af	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE56D0T-I2FB	DS-2CE70D0T-ITMF	DS-2CE16D0T-VFIR3F	DS-2CE56D0T-VFIR3F	DS-2CE56D0T-VFIRF	DS-2CE56D0T-VPIR3F	DS-2CE5AD0T-VPIT3F
Image							
Description	2 MP Balun Camera	2 MP Camera	HD 1080p IR Bullet Camera	HD 1080p IR Turret Camera	HD 1080p IR Dome Camera	HD 1080p Vandal Proof IR Dome Camera	2 MP Vandal Proof VF Dome Camera
Lens	2.8 mm, 3.6 mm fixed len	2.8 mm, 3.6 mm, 6 mm fixed len	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 mm to 12 mm vari-focal lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	Color: 0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)	106° (2.8 mm), 80° (3.6 mm), 51° (6 mm)	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 80°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 70°, Rotation: 0° to 355°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto	Auto	Auto	Auto	Auto
White Balance	Auto/Manual	Auto	ATW	ATW	ATW	ATW	ATW
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	-	-	-	-	-
Protection Level	IP66	IP67	IP66	IP66	IP66	IP66,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC ±25%

Model	DS-2CE16D3T-I3PF	DS-2CE16D3T-I3F	DS-2CE16D3T-ITPF	DS-2CE16D3T-ITF	DS-2CE16D3T-IT3F	DS-2CE57D3T-VPITF	DS-2CE76D3T-ITMF
Image							
Description	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Turret Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm), 39° (8 mm), 24° (12 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range (meters)	Up to 20 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 50 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL
DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78D3T-IT3F	DS-2CE19D3T-IT3ZF	DS-2CE19D3T-AIT3ZF	DS-2CE79D3T-IT3ZF	DS-2CE5AD3T-VPIT3ZF	DS-2CE5AD3T-AVPIT3ZF	DS-2CE16D0T-IRP(C)
Image							
Description	2 MP Ultra-Low-Light Turret Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP CMOS
Lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm), 39° (8 mm), 24° (12 mm)	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	2.8 mm, horizontal FOV: 106.4°,vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	WDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range (meters)	Up to 50 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	Auto/Manual
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	-
DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	3D DNR	2D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%

Model	DS-2CE16D0T-IR(C)	DS-2CE17D0T-IT1 (C)	DS-2CE17D0T-IT3(C)	DS-2CE17D0T-IT5(C)	DS-2CE56D0T-IRMM(C)	DS-2CE56D0T-IRP(C)	DS-2CE56D0T-IR(C)
Image							
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°,vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 25 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56D0T-IRM(C)	DS-2CE56D0T-IT1(C)	DS-2CE56D0T-IT3(C)	DS-2CE16D0T-ITPF(C)	DS-2CE16D0T-ITF(C)	DS-2CE17D0T-IT1F	DS-2CE17D0T-IT3F
Image							
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS		
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mmm fixed lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 25 m	Up to 25 m	Up to 30 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE17D0T-IT5F	DS-2CE56D0T-IRPF(C)	DS-2CE56D0T-IRF(C)	DS-2CE56D0T-IRMF(C)	DS-2CE76D0T-ITPF(C)	DS-2CE76D0T-ITMF(C)	DS-2CE56D0T-IRMMF(C)
Image							
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 70°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 25 m	Up to 25 m	Up to 20 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	-	IP67	IP67	-	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56D0T-IT1F(C)	DS-2CE56D0T-IT3F(C)	DS-2CE16D0T-ITPFS	DS-2CE16D0T-ITFS	DS-2CE76D0T-ITPFS	DS-2CE76D0T-ITMFS	DS-2CE78D0T-IT3FS	DS-2CE17D0T-IT3FS
Image								
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm	2.8 mm, 3.6 mm	2.8 mm, 3.6 mm	2.8 mm, 3.6 mm	2.8 mm, 3.6 mm	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR Cut Filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	-	-	BLC;HLC;Global;DWDR
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Sharpness;Brightness; Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ± 25%

5 MP

Model	DS-2CE56H0T-IT3ZF	DS-2CE16H0T-AIT3ZF	DS-2CE16H0T-IT3ZF	DS-2CE56H0T-VPIT3ZF	DS-2CE56H0T-AVPIT3ZF	DS-2CE5AH0T-VPIT3ZF	DS-2CE5AH0T-AVPIT3ZF
Image							
Description	5 MP Turret Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 40 m	Up to 40m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%

Model	DS-2CE56H0T-ITZF	DS-2CE56H0T-AITZF	DS-2CE16H0T-ITE	DS-2CE16H0T-IT1E	DS-2CE16H0T-IT3E	DS-2CE16H0T-IT5E	DS-2CE56H0T-VPITE
Image							
Description	5 MP Dome Camera	5 MP Dome Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm), 41° (8 mm), 25.7° (12 mm)	80.1° (3.6 mm), 57.1° (6 mm), 41° (8 mm), 25.7° (12 mm)	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m
HD Video Output	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	-	-	IP67	IP67	IP67	IP67	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.af

Model	DS-2CE56H0T-ITME	DS-2CE56H0T-IT1E	DS-2CE56H0T-IT3E	DS-2CE16H0T-IT3ZE	DS-2CE56H0T-IT3ZE
Image					
Descriptio	5 MP Turret Camera	5 MP Turret Camera	5 MP Turret Camera	5 MP Bullet Camera	5 MP Turret Camera
Lens	2.8 mm, 3.6 mm fixed Lens	2.8 mm, 3.6 mm fixed Lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm), 41° (8 mm), 25.7° (12 mm)	95.7° to 29.1°	95.7° to 29.1°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.at

Model	DS-2CE56H0T-ITZE	DS-2CE56H0T-VPIT3ZE	DS-2CE5AH0T-VPIT3ZE	DS-2CE16H0T-ITPF(C)	DS-2CE16H0T-ITF(C)
Image					
Description	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP high performance COMS	5MP high performance COMS
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.4 mm, 2.8 mm, 3.6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0°to 360°; Tilt: 0°to 90°; Rotate: 0°to 360°	Pan: 0°to 360°; Tilt: 0°to 90°; Rotate: 0°to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 40 m	Up to 40 m	Up to 25 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output				TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	Support	Support
DNR	2D	2D	2D	2D DNR	2D DNR
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR
Protection Level	IP67	IP67,IK10	IP67,IK10	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE17H0T-IT1F(C)	DS-2CE17H0T-IT3F(C)	DS-2CE17H0T-IT5F(C)	DS-2CE76H0T-ITMF(C)	DS-2CE76H0T-ITPF(C)	DS-2CE56H0T-IRMMF(C)	DS-2CE57H0T-VPITF (C)
Image							
Descriptio	5 MP CMOS	5 MP CMOS	5 MP CMOS	-	-	5 MP high performance COMS	-
Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.4 mm, 2.8 mm, 6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mmm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	85.5° (2.8 mm), 80.1° (3.6 mm), 57.1° (6 mm)	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0° to 350°; Tilt: 0° to 70°; Rotate: 0° to 350°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
Max. IR Range	Up to 30 m	Up to 40 m	Up to 80 m	Up to 30 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analog output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	TVI/AHD/CVI/CVBS	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MWB	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	Support	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE78H0T-IT1F (C)	DS-2CE78H0T-IT3F(C)	DS-2CE16H0T-ITPFS	DS-2CE16H0T-ITFS	DS-2CE76H0T-ITPFS	DS-2CE76H0T-ITMFS	DS-2CE78H0T-IT3FS	DS-2CE78H0T-IT3FS
Image								
Description	-	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS	5 MP CMOS
Lens	2.4 mm, 2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mmm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	IR Cut Filter
WDR	DWDR/BLC/HLC/Global	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Max. IR Range	-	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-	DWDR, BLC, HLC, Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Mirror, Smart IR, Sharpness
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

4K

Model	DS-2CE16U1T-ITF	DS-2CE16U1T-ITPF	DS-2CE16U1T-IT1F	DS-2CE16U1T-IT3F	DS-2CE16U1T-IT5F	DS-2CE57U1T-VPITF
Image						
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U1T-ITPF	DS-2CE76U1T-ITMF	DS-2CE78U1T-IT1F	DS-2CE78U1T-IT3F	DS-2CE19U1T-IT3ZF	DS-2CE19U1T-AIT3ZF
Image						
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm fixed focal lens	2.8 mm, 3.6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1°to 45.6°	108.1°to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	-	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE79U1T-IT3ZF	DS-2CE56U1T-ITZF	DS-2CE56U1T-AITZF	DS-2CE59U1T-VPIT3ZF	DS-2CE59U1T-AVPIT3ZF	DS-2CE5AU1T-VPIT3ZF	DS-2CE5AU1T-AVPIT3ZF
Image							
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°	108.1°to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-	-
Power	9 VDC to 15 VDC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Turbo HD Cameras

IoT Series

Passive infrared (PIR) Cameras enhance security with useful strobe lights and siren, which can ward off intruders while they are attempting to invade. These cameras are integrated with a PIR sensor which can detect human bodies, and when combined with Hikvision DVRs, create a system that can reduce false alarms to improve alarm accuracy and overall security.

- Ultra HD video
- PIR detection
- Hikvision ColorVu technology
- Visual alarm and sound alarm
- Audio customization
- Audio over coaxial
- Ultra-low-light night vision

PIR series

Model	DS-2CE11D0T-PIRL	DS-2CE11D0T-PIRLP	DS-2CE11D0T-PIRLO	DS-2CE11D0T-PIRLPO	DS-2CE71D0T-PIRL	DS-2CE71D0T-PIRLP
Image						
Description	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D	2D
Functions	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	1 alarm out	1 alarm out	-	-
Power	12 VDC ±25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%

Model	DS-2CE71D0T-PIRL0	DS-2CE71D0T-PIRLP0	DS-2CE12D0T-PIRL	DS-2CE12D0T-PIRL0	DS-2CE11D8T-PIRL	DS-2CE11D8T-PIRL0
Image						
Description	2 MP PIR Turret Camera	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2,AGC ON),0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	103° (2.8 mm), 82.2° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103° (2.8 mm), 82.2° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	WDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MANUAL	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	3D (Level 1 to 10)	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	1 alarm out	-	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%

Model	DS-2CE71D8T-PIRL	DS-2CE71D8T-PIRL0	DS-2CE12D8T-PIRL	DS-2CE12D8T-PIRL0	DS-2CE11H0T-PIRL
Image					
Description	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	5 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103.5° (2.8 mm), 79.1° (3.6 mm)	Horizontal Field of View 103.5° (2.8 mm), 82.6° (3.6 mm)	103.5° (2.8 mm), 79.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	WDR	WDR	WDR	WDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	Auto/Manual	ATW/MANUAL	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF
DNR	3D (Level 1 to 10)	3D	3D (Level 1 to 10)	3D	2D
Functions	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	-	1 alarm out	-
Power	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%

Model	DS-2CE11H0T-PIRLP	DS-2CE11H0T-PIRLO	DS-2CE11H0T-PIRLPO	DS-2CE71H0T-PIRL	DS-2CE71H0T-PIRLO
Image					
Description	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Turret Camera	5 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%

Model	DS-2CE71H0T-PIRLPO	DS-2CE71H0T-PIRLP	DS-2CE12H0T-PIRL	DS-2CE12H0T-PIRLO	DS-2CE12D0T-PIRXF
Image					
Description	5 MP PIR Turret Camera	5 MP PIR Turret Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm 6 mm fixed lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	-
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection,Flashing Light Alarm,Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	-	-	1 alarm out	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%

Model	DS-2CE72D0T-PIRXF	DS-2CE12DFT-PIRX0F28 (2.8mm)	DS-2CE12DFT-PIRX0F	DS-2CE72DFT-PIRX0F28 (2.8mm)	DS-2CE72DFT-PIRX0F	DS-2CE12DF3T-PIRX0S	DS-2CE72DF3T-PIRX0S
Image							
Description	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm lens	2.8 mm fixed lens	3.6 mm 6 mm fixed lens	2.8 mm fixed lens	3.6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm fixed focal lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with IR	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91° 6 mm, horizontal FOV: 51°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 98°, vertical FOV: 52°, diagonal FOV: 116° 3.6 mm, horizontal FOV: 77°, vertical FOV: 42°, diagonal FOV: 91°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	IR cut filter	Color	Color	Color	Color	Color	Color
WDR	DWDR	WDR	WDR	WDR	WDR	WDR	WDR
Max. IR Range (meters)	Up to 20 m	Up to 40 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m	Up to 20 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Color	Color	Color	Color	Color	Color
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	WDR, BLC, HLC, Global, HLS	WDR, BLC, HLC, Global, HLS
DNR	2D	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/2D DNR	3D DNR/2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light	Brightness, Contrast, Mirror, Defective Pixel Correction, Sharpness, Anti-Banding, Smart Light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	1 alarm out	1 alarm out	1 line out	1 line out
Power	12 VDC ± 25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ± 25%

Turbo HD Cameras

Special Series

Fisheye Cameras feature built-in microphones and are able to capture high quality images with wide angle. Pinhole cameras are applicable for ATM machine and have excellent night performance in environments with dim light.

- 120 dB True WDR
- Ultra-low-light night vision
- EXIR 2.0
- Built-in microphone

Fisheye

Model	DS-2CC52H1T-FITS
Image	
Description	HD 5 MP IR Fisheye Camera
Lens	1.1 mm
Min. Illumination	0.01 Lux @ (F1.2,AGC ON), 0 Lux with IR
FOV	186°
Angle Adjustment	Pan: 0°-30°; Tilt: 0°; Rotate: 0°
Day & Night	ICR
WDR	DWDR
Max. IR Range	Up to 20 m
HD Video Output	1-ch BNC Output
CVBS Output	-
D/N Mode	Color/BW/AUTO
White Balance	-
BLC	-
DNR	2D
Functions	Brightness, Contrast, Saturation
Protection Level	-
Alarm I/O	-
Power	12 VDC±15%

Pinhole

Model	DS-2CS54C8T-PH	DS-2CS54D8T-PH
Image		
Description	1 MP WDR Covert Camera	2 MP WDR Covert Camera
Lens	2.8 mm fixed focal lens	3.7 mm fixed focal lens
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON)	Color: 0.005 Lux @ (F1.2, AGC ON)
FOV	88.6°	71.4°
Angle Adjustment	-	-
Day & Night	Electronic	Electronic
WDR	WDR	WDR
Max. IR Range (meters)	-	-
HD Video Output	1 HD analog output/ * The adapter is required only when extending the cable.	1 HD analog output/ * The adapter is required only when extending the cable.
CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/WDR	WDR/BLC/WDR
DNR	3D DNR	3D DNR
Functions	Contrast, Brightness, Sharpness, Mirror	Contrast, Brightness, Sharpness, Mirror
Protection Level	-	-
Alarm I/O	-	-
Power	12 V DC ±20%	12 V DC ±20%

Turbo HD PTZ Cameras

056 AE7

057 AE5

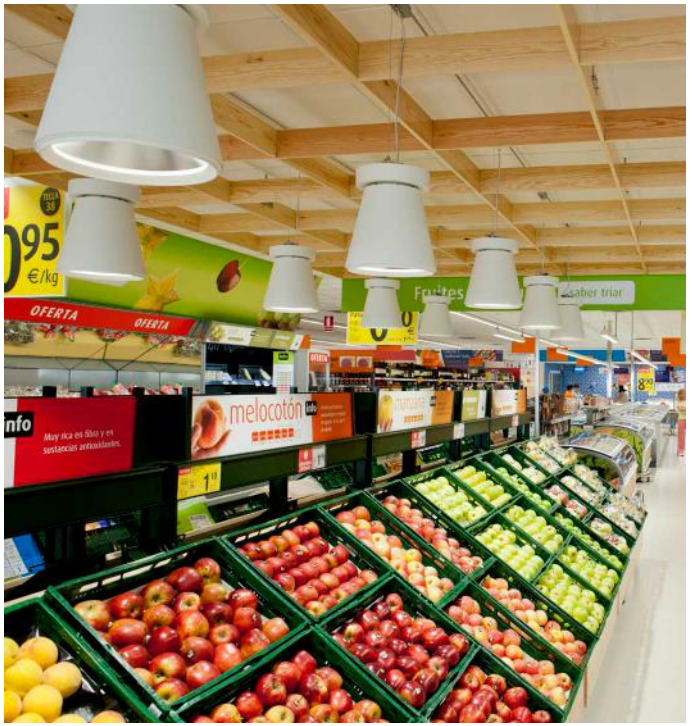
068 AE4

Turbo HD PTZ Cameras

More Options, Better Compatibility

Turbo HD PTZ Cameras capture high quality images even in poorly lit environments. With the embedded CMOS chip, WDR and real-time 1920 x 1080 resolution becomes possible. The speed domes feature wide compatibility thanks to the 4-in-1 video output.

- Up to 1920 x 1080 resolution
- 120 dB WDR
- 4-in-1 video output: 1 BNC, 4 switchable video outputs for TVI / AHD / CVI / CVBS
- More options for zoom ratio 32x / 25x / 15x
- Minimum illumination
  - Color: 0.005 lux @ F1.6
  - AGC on B/W: 0.001 lux @ F1.6
  - AGC on IR: 0 lux



AE7

Model	DS-2AE7225TI-A	DS-2AE7232TI-A
Image		
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.2, AGC ON)
Angle Adjustment	57.6° to 2.5° (wide-tele)	54.2° to 1.97° (wide-tele)
Day & Night	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB
Max. IR Range	Up to 150 m	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support
3D DNR	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)
Alarm I/O	-	-
Power	24 VAC Max.: 40 W (Max. 14 W for IR)	24 VAC Max.: 40 W (Max. 14 W for IR)

AE5

Model	DS-2AE5225T-A	DS-2AE5232T-A	DS-2AE5225T-A3	DS-2AE5232T-A3	DS-2AE5225TI-A	DS-2AE5232TI-A
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.2, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.2, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.2, AGC ON)
Angle Adjustment	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide to tele)	55.6° to 2.04° (wide to tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB
Max. IR Range	-	-	-	-	Up to 150 m	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	2/1	2/1
Power	24 VAC Max.: 24 W	24 VAC Max.: 24 W	24 VAC Max.: 18 W	24 VAC Max.: 18 W	24 VAC Max.: 30 W (Max. 10 W for IR)	24 VAC Max.: 30 W (Max. 10 W for IR)

AE4

Model	DS-2AE4215T-D	DS-2AE4225T-D	DS-2AE4215T-D3	DS-2AE4225T-D3	DS-2AE4215TI-D	DS-2AE4225TI-D
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 15× optical zoom, 16× digital zoom 120 dB True WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable Turbo HD and CVBS outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 120 dB true WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)
Angle Adjustment	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB
Max. IR Range	-	-	-	-	Up to 100 m	Up to 100 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	-	-
Power	12 VDC Max.: 16 W	12 VDC Max.: 16 W	12 VDC Max.: 12 W	12 VDC Max.: 12 W	12 VDC Max.: 20 W (Max. 7 W for IR)	12 VDC Max.: 20 W (Max. 7 W for IR)

DVR

060 Hikvision AcuSense Series

065 Ultra Series

069 Pro Series

076 Value Series

079 Special Series

Turbo HD DVRs

Hikvision AcuSense Series

Based on deep learning technology, Hikvision s AcuSense DVRs have the ability to recognize and extract human body and vehicle targets. This way, the AcuSense DVRs achieve high-accuracy alarm functionality as well as rapid retrieval of past video clips based on human or vehicle classifications. These intelligent features liberate users from time-consuming browsing and searching.

- AcuSense Technology powered by deep-learning algorithm
- Motion Detection 2.0 with human & vehicle classification for all analog channels
- Facial comparison
- Search human and vehicle targets quickly
- Ultra HD, compatible with cameras of up to 4K resolution
- H.265 Pro+ / H.265 Pro / H.265
- Audio over coaxial
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability

HD 1080p

Model	iDS-7204HQHI-M1/S	iDS-7208HQHI-M1/S	iDS-7208HQHI-M2/S	iDS-7216HQHI-M1/S	iDS-7216HQHI-M2/S
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	8-ch	16-ch	8-ch
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Model	iDS-7204HQHI-M1/FA	iDS-7208HQHI-M1/FA	iDS-7208HQHI-M2/FA	iDS-7216HQHI-M1/FA	iDS-7216HQHI-M2/FA
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	8-ch	16-ch	16-ch
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. 1-ch face picture comparasion and face picture search 2. Human body & vehicle recognitionz 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch	1. 1-ch face picture comparasion and face picture search 2. Human body & vehicle recognitionz 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch	1. 1-ch face picture comparasion and face picture search 2. Human body & vehicle recognitionz 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch	1. 1-ch face picture comparasion and face picture search 2. Human body & vehicle recognitionz 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch	1. 1-ch face picture comparasion and face picture search 2. Human body & vehicle recognitionz 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 2-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

5 MP

Model	iDS-7204HUHI-M1/S	iDS-7204HUHI-M2/S	iDS-7208HUHI-M1/S	iDS-7208HUHI-M2/S
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch	1. Human body & vehicle recognition 2 Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection,up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Model	iDS-7204HUHI-M1/FA	iDS-7204HUHI-M2/FA	iDS-7208HUHI-M1/FA	iDS-7208HUHI-M2/FA
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1.1-ch face picture comparasion and face picture search 2. Human body & vehicle recognition 3 Motion2.0:all channels 4. VCA: Line crossing, Intrusion detection,up to 4-ch	1.1-ch face picture comparasion and face picture search 2. Human body & vehicle recognition 3 Motion2.0:all channels 4. VCA: Line crossing, Intrusion detection,up to 4-ch	1.1-ch face picture comparasion and face picture search 2. Human body & vehicle recognition 3 Motion2.0:all channels 4. VCA: Line crossing, Intrusion detection,up to 4-ch	1.1-ch face picture comparasion and face picture search 2. Human body & vehicle recognition 3 Motion2.0:all channels 4. VCA: Line crossing, Intrusion detection,up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)

Turbo HD DVRs

Ultra Series

With excellent performance, the Ultra Series DVRs can accommodate up to 32 channels of analog cameras. Ultra Series DVRs have strong hybrid access capability. The 8 SATA interfaces are useful for users who require larger storage space.

- Ultra HD, compatible with cameras of up to 4K resolution
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection

1080p

Model	DS-8108HQHI-K8	DS-8116HQHI-K8	DS-8124HQHI-K8	DS-8132HQHI-K8
Image				
Video Compression	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch (Up to 12-ch),Up to 6 MP	8-ch (Up to 24-ch),Up to 6 MP	16-ch (Up to 40-ch),Up to 6 MP	16-ch (Up to 48-ch),Up to 6 MP
Audio Input	8-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/8	16/8	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U	2U	2U

5 MP

Model	DS-8108HUHI-K8	DS-8116HUHI-K8	DS-8124HUHI-K8	DS-8132HUHI-K8	DS-9008HUHI-K8	DS-9016HUHI-K8
Image						
Video Compression	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/ H.264+/H.264
Analog Video-Audio Input	8-ch	16-ch	24-ch	32-ch	8-ch	16-ch
IP Video Input	8-ch (Up to 16-ch),Up to 8 MP	16-ch (Up to 32-ch),Up to 8MP	16-ch (Up to 40-ch),Up to 8MP	16-ch (Up to 48-ch),Up to 8MP	10-ch (Up to 18-ch),Up to 12MP	18-ch (Up to 34-ch),Up to 12MP
Audio Input	8ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)	8-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1KΩ)	2-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8MP@8fps;5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8MP@8fps;5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	8 SATA interface Up to 10 TB capacity for each disk	8SATA interface Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/4	16/8	16/8	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U	2U	2U	2U	2U

Model	DS-9024HUHI-K8	DS-9032HUHI-K8
Image		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	24-ch	32-ch
IP Video Input	24-ch (Up to 48-ch),Up to 12MP	32-ch (Up to 64-ch),Up to 12MP
Audio Input	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

4K

Model	DS-8116HTHI-K8	DS-9016HTHI-K8
Image		
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	16-ch	16-ch
IP Video Input	16-ch (Up to 32-ch),Up to 8 MP	18-ch (Up to 34-ch),Up to 12 MP resolution
Audio Input	16-ch, RCA (2.0 Vp-p, 1 KΩ)	16-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
HDMI2 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Audio Output	1-ch, BNC (1.0 Vp-p, 75 Ω),resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω),resolution: PAL: 704 × 576, NTSC: 704 × 480
Encoding Capability	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P)/30fps (N) Sub-stream: WD1 / 4CIF / CIF@25fps (P) / 30fps (N)	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P)/30fps (N) Sub-stream: WD1 / 4CIF / CIF@25fps (P) / 30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0,RAID1,RAID5,RAID6,RAID10	RAID 0,RAID1,RAID5,RAID6,RAID10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

Turbo HD DVRs

Pro Series

Pro Series DVRs support HD videos, H.265 / H.265 Pro+ encoding technology, 4K resolution output, power over coax (PoC), various VCA rules, and more.

- Ultra HD, compatible with cameras of up to 4K resolution
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection
- Audio over coaxial
- PoC for easy installation 5-in-1 devices

HD 1080p Lite

Model	DS-7204HGHI-K1	DS-7208HGHI-K1	DS-7216HGHI-K1	DS-7232HGHI-K2
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch	32-ch
IP Video Input	1-ch(Up to 5-ch),Up to 1080p	2-ch(Up to 10-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	-
CVBS Output	-	-	-	1-ch, BNC (1.0 Vp-p, 75 Ω),resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-		
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (260mm)	1U (260mm)	1U(260mm)	1U(380mm)

HD 1080p

Model	DS-7204HQHI-K1/P	DS-7208HQHI-K2/P	DS-7216HQHI-K2/P	DS-7224HQHI-K2	DS-7232HQHI-K2
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch(Up to 6-ch), Up to 6 MP resolution	4-ch(Up to 12-ch), Up to 6 MP resolution	8-ch(Up to 24-ch), Up to 6 MP resolution	8-ch(Up to 32-ch), Up to 6 MP resolution	8-ch(Up to 40-ch), Up to 6 MP resolution
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	-	-	-	-	-
Power	48 VDC	48 VDC	48 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)	1U (380mm)

Model	DS-7304HQHI-K4	DS-7308HQHI-K4	DS-7316HQHI-K4	DS-7324HQHI-K4	DS-7332HQHI-K4
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch (Up to 6-ch), Up to 6 MP resolution	4-ch (up to 12-ch), Up to 6 MP resolution	8-ch (Up to 24-ch), Up to 6 MP resolution	16-ch (Up to 48-ch), Up to 6 MP resolution	16-ch (Up to 48-ch), Up to 6 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560× w1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1KΩ)	2-ch, RCA (Linear, 1KΩ)	2-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	1.5U	1.5U	1.5U	1.5U	1.5U

5 MP

Model	DS-7216HUHI-K2	DS-7204HUHI-K1/P	DS-7208HUHI-K2/P	DS-7216HUHI-K2/P
Image				
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	16-ch, Coaxial video-audio	4-ch	8-ch	16-ch
IP Video Input	16-ch (Up to 32-ch),Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	16/4	4/1	8/4	4/1
Power	12 VDC	48 VDC	48 VDC	100 to 240 VAC
Chassis	1U (380mm)	1U (315mm)	1U (380mm)	1U (380mm)

Model	DS-7304HUHI-K4	DS-7308HUHI-K4	DS-7316HUHI-K4	DS-7324HUHI-K4	DS-7332HUHI-K4
Image					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution	16-ch (Up to 40-ch), Up to 8 MP resolution	16-ch (Up to 48-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA (Linear, 1KΩ)	2-ch, RCA (Linear, 1KΩ)	2-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	1.5U	1.5U	1.5U	1.5U	1.5U

4K

Model	DS-7204HTHI-K1	DS-7204HTHI-K2	DS-7208HTHI-K2	DS-7316HTHI-K4
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω),resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@12 fps/5 MP@20 fps; 3 MP@18fps; 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interfaces Up to 10 TB capacity for each disk	2SATA interfaces Up to10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	4 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	RAID 0,RAID1,RAID5,RAID6,RAID10
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	4/1	4/1	8/4	16/4
Power	12 VDC	12 VDC	12 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1.5U

Turbo HD DVRs

Value Series

Value Series DVRs offer cost-effective high quality video security solution. The Value Series DVRs deliver high quality video monitoring with H.265 Pro+ and H.265 Pro compression technology, up to 5 MP ultra HD encoding ability and great durability.

- Ultra HD, compatible with cameras of up to 5 MP resolution
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability

HD 1080p Lite

Model	DS-7104HGHI-K1	DS-7108HGHI-K1	DS-7116HGHI-K1
Image			
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch
IP Video Input	1-ch (up to 5-ch), Up to 1080p	2-ch (up to 10ch), Up to 5 MP	2-ch (up to 18-ch), Up to 5 MP
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15 fps; CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15 fps; CIF@ 25fps (P)/30 fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15 fps For standard definition stream access: CIF/QVGA@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Alarm I/O	-	-	-
Power	12 VDC	12 VDC	12 VDC
Chassis	Mini 1U (200mm)	Mini 1U (200mm)	Mini 1U (285mm)

HD 1080p

Model	DS-7104HQHI-K1	DS-7108HQHI-K1	DS-7116HQHI-K1
Image			
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
IP Video Input	2-ch (Up to 6-ch), Up to 6 MP resolution	4-ch (Up to 12-ch), Up to 6 MP resolution	8-ch (Up to 24-ch), Up to 6 MP resolution
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Alarm I/O	-	-	-
Power	12 VDC	12 VDC	12 VDC
Chassis	Mini 1U (200mm)	Mini 1U (200mm)	Mini 1U (285mm)

5 MP

Model	DS-7104HUHI-K1	DS-7108HUHI-K1
Image		
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080P/720P/WD1/4CIF/ VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080P/720P/WD1/4CIF/ VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-
USB Port	2 × USB 2.0	2 × USB 2.0
Alarm I/O	-	-
Power	12 VDC	12 VDC
Chassis	Mini 1U (200mm)	Mini 1U (200mm)

Turbo HD DVRs

Special Series

Hikvision's banking-specific solution for ATM systems features devices that come equipped with smart analysis functions. These functions include multi-channel analyses based on preset rules to respond to specific behaviors in the immediate vicinity around ATM machines.

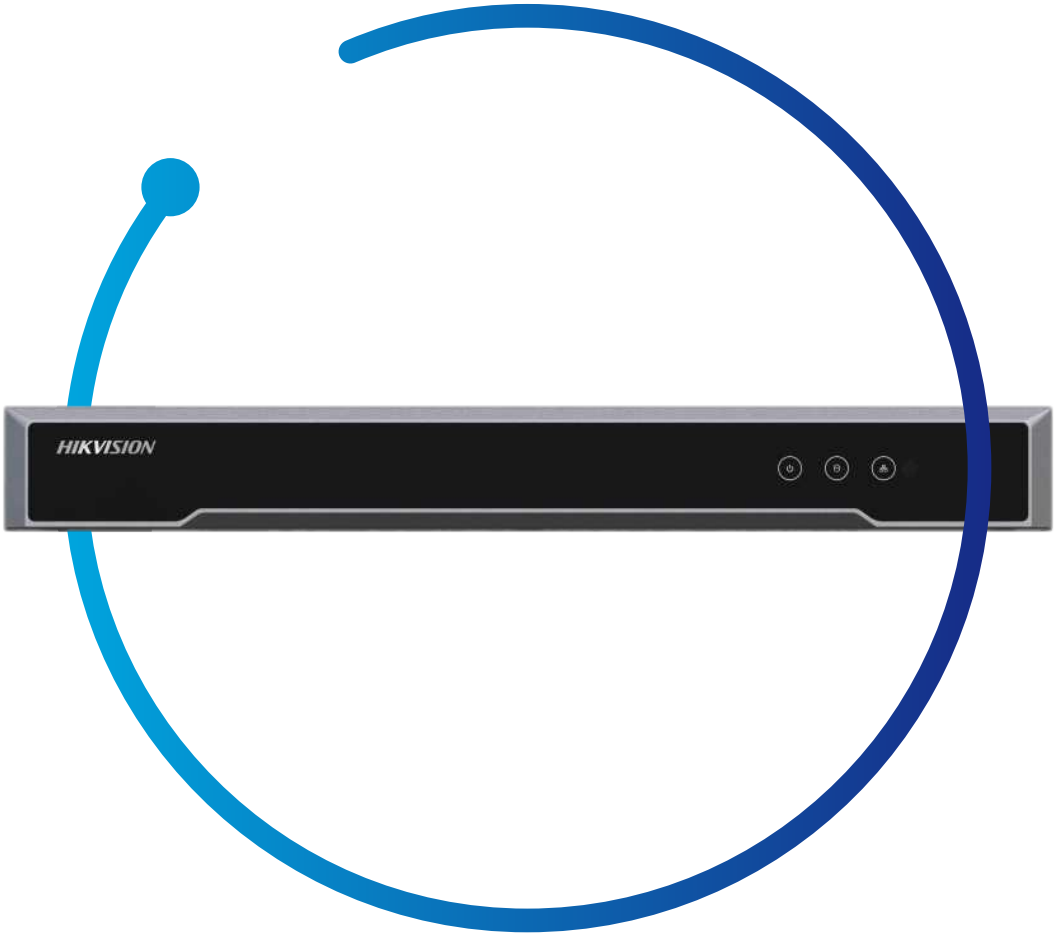
- 1-ch human face mode and 1-ch panel mode for analog channels (iDS-7200AHQHI-M1)
- Supports overlapping multiple ATM card numbers and multiple protocols (iDS-7200AHQHI-M1)
- Supports triggering recording upon inserting an ATM card (iDS-7200AHQHI-M1)
- Playback by inputting ATM card number, transaction amount, or transaction type (iDS-7200AHQHI-M1)
- H.265 Pro+ / H.265 Pro / H.265
- Deep learning algorithm
- Multiple VCA events
- Multi-channel smart analysis

ATM Seires

Model	iDS-7204AHQHI-M1
Image	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video Input	4-ch
IP Video Input	Defaulted 0-ch; Up to 6-ch,6 MP resolution
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output
CVBS Output	BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 8 TB capacity for each disk
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex)
USB Port	2 × USB 2.0
Smart Function	l 1-ch human face mode and 1-ch panel mode for analog channel l Support overlapping the multiple ATM cards' number and multiple protocols l Support triggering recording once inserting the ATM card l Enabling/disabling the function of transaction information overlapping during playback and live view l Playback by inputting ATM card number, transaction amount or transaction type l Playback by smart ATM alarm
Alarm I/O	N/A
Power	12 VDC, 1.5 A
Chassis	315 × 242 × 45 mm

Encoders

081 DVS



Encoders

Hikvision Encoder Servers allow the analog signal to be digitized and then stored on a hard drive or transmitted via network, capable of encoding at up to 4K resolution.

- H.265+ / H.265
- Ultra HD
- Various network protocols

DVS

Model	DS-6701HUHI	DS-6704HUHI	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
Image					
Video Compression	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
Analog Video Input	1-ch	4-ch	4-ch	8-ch	16-ch
Supported Analog Camera Types	HDTVI: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTVI: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTVI: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP,1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTVI: 8 MP,5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP,1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTVI: 8 MP,5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP,1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Encoding Capability	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/ VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
Storage	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk
Network Interface	1, RJ45 10M/100Mself-adaptive Ethernet interface	1, RJ45 10M/100Mself-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232
Alarm I/O	1/1	4/2	4/1	8/4	16/4
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)

EasyIP History

In 2012, Hikvision launched the first iteration of the EasyIP Solution, making a significant impact on the industry. Hikvision has been providing network video security solutions to SMB users balancing good quality and high performance ever since.

In 2017, the EasyIP 2.0+ and EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video monitoring resolution up to 4K! With EasyIP 3.0 products, sharp, vivid imaging during the day was complemented by powerful DarkFighter technology at night. What s more, the 3.0 version provided more VCA functions, extended power-over-Ethernet functionality, and more. But Hikvision did not stop there.

In 2019, building on already powerful functions, the EasyIP 4.0 series came equipped with Hikvision AcuSense technology in both front-end and back-end products. AcuSense technology provides more efficient security management, making SMB solutions easier to use with higher efficiency based on deep learning technology. Moreover, the EasyIP 4.0 camera models with Hikvision ColorVu technology render 24/7 colorful imaging in extremely low light environments.

In 2021, the EasyIP 2.0+ camera models supporting Hikvision AcuSense technology give SMB users easy, budget-friendly access to AI technology.

EasyIP 4.0 with ColorVu

ColorVu
AcuSense
H.265 & H.265+
Up to 4K resolution

EasyIP 4.0 with AcuSense

AcuSense
H.265 & H.265+
Up to 4K resolution
Powered by DarkFighter

EasyIP 2.0+ with AcuSense

AcuSense
H.265 & H.265+
Up to 4K resolution

EasyIP 3.0

H.265 & H.265+
Up to 4K resolution
Powered by DarkFighter
More VCA functions

EasyIP 2.0+

H.265 & H.265+
Up to 4K resolution
VCA functions

EasyIP 1.0+

H.265
2 MP
VCA functions

Powered by DarkFighter

The excellent low-light imaging is supported on cameras of up-to-4K ultra HD resolution.

The combination of bright night imagery and high definition guarantees round-the-clock recording of video evidence.

Better color imaging in low-light environments

2 MP

Captured with a conventional 2 MP camera

Captured with a Powered by DarkFighter 2 MP camera

4 MP

Captured with a conventional 4 MP camera

Captured with a Powered by DarkFighter 4 MP camera

8 MP (4K)

Captured with a conventional 8 MP camera

Captured with a Powered by DarkFighter 8 MP camera

Other Features

Video Content Analytics is no longer reserved only for enterprise level security systems. The EasyIP solution brings VCAs into reach for SMB security. Designed for state-of-the-art performance with easy installation, our solution comes armed with reliable components and robust protections. With automatic network backup features and simple Internet connection services, a vigorous security system goes into operation quickly and stays that way.

- VCAs
- Designed for easy installation
- 120 dB WDR (Wide Dynamic Range)
- EXIR 2.0
- Triple-stream
- 0n-board storage
- IP67, IP66, & IK10 protection
- ANR (Automatic Network Replenishment)
- Dual system backup (NVR)
- IP address automatic allocation
- Free Hik-Connect cloud service

Network Cameras

85 Pro Series (EasyIP)

119 Value Series

Network Cameras

Pro Series (EasyIP)

Simply Powerful, the Easier Journey to Better Security

With a perfect balance of performance and value, Hikvision Pro Series network cameras aim to provide just the right components, including artificial intelligence features that are affordable and easy to use.

- Hikvision ColorVu technology: 24/7 colorful imaging
- Hikvision AcuSense technology: focus on human & vehicle targets based on deep learning algorithms
- H.265+ / H.265 codec
- Up to 4K ultra-HD
- Powered by DarkFighter
- Efficient VCA functions
- Easy to install, set up, and manage

EasyIP 4.0 with AcuSense

Model	DS-2CD2026G2-I(U)	DS-2CD2026G2-IU/SL	DS-2CD2046G2-I(U)	DS-2CD2046G2-IU/SL	DS-2CD2066G2-I(U)
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2688 × 1520	2688 × 1520	3200 × 1800
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 129° 4 mm, horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 102° 6 mm, horizontal FOV: 55°, vertical FOV: 29°, diagonal FOV: 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8° 6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5°
Max. IR Range	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2066G2-IU/SL	DS-2CD2086G2-I(U)	DS-2CD2086G2-IU/SL	DS-2CD2126G2-I(SU)	DS-2CD2146G2-I(SU)
Image					
Image Sensor	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	3200 × 1800	3840 × 2160	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8° 6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°"	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°
Max. IR Range	40 m	40 m	40 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	"50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)"	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	1 In, 1 Out(-ISU) Built-in microphone(-ISU)
Alarm I/O	-	-	-	1 In, 1 Out (-ISU)	1 In, 1 Out (-ISU)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2166G2-I(SU)	DS-2CD2186G2-I(SU)	DS-2CD2326G2-I(U)	DS-2CD2326G2-ISU/SL	DS-2CD2346G2-I(U)	DS-2CD2346G2-ISU/SL
Image						
Image Sensor	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	3200 × 1800	3840 × 2160	1920 × 1080	1920 × 1080	2688 × 1520	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone Built-in speaker	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone Built-in speaker
Alarm I/O	1 In, 1 Out (-ISU)	1 In, 1 Out (-ISU)	-	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2366G2-I(U)	DS-2CD2366G2-ISU/SL	DS-2CD2386G2-I(U)	DS-2CD2386G2-ISU/SL
Image	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter
Image Sensor	1/2.4" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	3200 × 1800	3200 × 1800	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8°
Max. IR Range	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone Built-in speaker	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone Built-in speaker
Alarm I/O	-	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2526G2-I(S)	DS-2CD2546G2-I(W)(S)	DS-2CD2566G2-I(S)	DS-2CD2626G2-IZS	DS-2CD2626G2-IZSU/SL
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3200 × 1800	1920 × 1080	1920 × 1080
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°
Max. IR Range	30 m	30 m	30 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	"50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)"	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67, IK08	IP67, IK08	IP67, IK08	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-IS) Built-in microphone	1 In, 1 Out(-IS) Built-in microphone	1 In, 1 Out(-IS) Built-in microphone	1 In, 1 Out	1 In, 1 Out Built-in microphone Built-in speaker
Alarm I/O	1 In, 1 Out (-IS)	1 In, 1 Out (-IS)	1 In, 1 Out (-IS)	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)

Model	DS-2CD2646G2-IZS	DS-2CD2646G2-IZSU/SL	DS-2CD2666G2-IZS	DS-2CD2666G2-IZSU/SL	DS-2CD2686G2-IZS
Image					
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 × 1520	2688 × 1520	3200 × 1800	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 116.5° to 34.9°, vertical FOV 60° to 19.6°, diagonal FOV 141.9° to 41°	2.8 to 12 mm, horizontal FOV 116.5° to 34.9°, vertical FOV 60° to 19.6°, diagonal FOV 141.9° to 41°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°
Max. IR Range	60 m	60 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out Built-in microphone Built-in speaker	1 In, 1 Out	1 In, 1 Out Built-in microphone Built-in speaker	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)

Model	DS-2CD2686G2-IZSU/SL	DS-2CD2726G2-IZS	DS-2CD2746G2-IZS	DS-2CD2766G2-IZS	DS-2CD2786G2-IZS
Image					
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	3840 × 2160	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 116.5° to 34.9°, vertical FOV 60° to 19.6°, diagonal FOV 141.9° to 41°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°
Max. IR Range	60 m	40 m	40 m	40m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	" 1 In, 1 Out Built-in microphone Built-in speaker"	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2H26G2-IZS	DS-2CD2H46G2-IZS	DS-2CD2H66G2-IZS	DS-2CD2H86G2-IZS	DS-2CD2T26G2-2I/4I	DS-2CD2T26G2-ISU/SL
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160	1920 × 1080	1920 × 1080
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 to 12 mm, horizontal FOV 113° to 33.9°, vertical FOV 58° to 18.9°, diagonal FOV 138° to 39°	2.8 to 12 mm, horizontal FOV 108° to 32.8°, vertical FOV 56° to 18.5°, diagonal FOV 131° to 37.8°	2.8 to 12 mm, horizontal FOV 116.5° to 34.9°, vertical FOV 60° to 19.6°, diagonal FOV 141.9° to 41°	2.8 to 12 mm, horizontal FOV 108° to 45.8°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°
Max. IR Range	40m	40m	40m	40m	-2I: 60 m -4I: 80 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	1 In, 1 Out Built-in microphone Built-in speaker
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2T46G2-2I/4I	DS-2CD2T46G2-ISU/SL	DS-2CD2T66G2-2I/4I	DS-2CD2T66G2-ISU/SL	DS-2CD2T86G2-2I/4I	DS-2CD2T86G2-ISU/SL
Image						
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 × 1520	2688 × 1520	3200 × 1800	3200 × 1800	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8° 6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8° 6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°
Max. IR Range	-2I: 60 m -4I: 80 m	60 m	-2I: 60 m -4I: 80 m	60 m	-2I: 60 m -4I: 80 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	1 In, 1 Out Built-in microphone Built-in speaker	-	1 In, 1 Out Built-in microphone Built-in speaker	-	1 In, 1 Out Built-in microphone Built-in speaker
Alarm I/O	-	1 In, 1 Out	-	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

EasyIP 4.0 with ColorVu

Model	DS-2CD2027G2-L(U)	DS-2CD2047G2-L(U)	DS-2CD2047G2-LU/SL	DS-2CD2087G2-L(U)	DS-2CD2127G2(-SU)
Image	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2688 x 1520	2688 x 1520	3840 x 2160	1920 × 1080
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON)
WDR	120dB	130dB	130dB	130dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99° 6 mm, horizontal FOV 55°, vertical FOV 30°, diagonal FOV 63°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113° 6 mm, horizontal FOV 57°, vertical FOV 32°, diagonal FOV 66°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113° 6 mm, horizontal FOV 57°, vertical FOV 32°, diagonal FOV 66°	2.8 mm, horizontal FOV102°, vertical FOV 52°, diagonal FOV 124° 4 mm, horizontal FOV 88°, vertical FOV 49°, diagonal FOV 102° 6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°
Max. Light Range	40 m	40 m	40m	40 m	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-U: Built-in microphone	-U: Built-in microphone	1 built-in microphone 1 built-in speaker	-U: Built-in microphone	1 In, 1 Out(-SU) Built-in microphone(-SU)
Alarm I/O	-	-	-	-	1 In, 1 Out (-SU)
Power	12 VDC ± 25%, PoE+B5:B24 (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2147G2(-SU)	DS-2CD2327G2-L(U)	DS-2CD2347G2-L(U)	DS-2CD2347G2-LSU/SL	DS-2CD2647G2-LZS
Image	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 x 1520	1920 × 1080	2688 × 1520	2688 × 1520	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON)	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light
WDR	130dB	120dB	130dB	130dB	130dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	3.6 to 9 mm
FOV	2.8 mm, horizontal FOV 106°, vertical FOV 61°, diagonal FOV 127° 4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113°	3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55°
Max. Light Range	-	30 m	30 m	30 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67, IK10	IP67	IP67	IP67	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-SU) Built-in microphone(-SU)	-U: Built-in microphone	-U: Built-in microphone	1 In, 1 Out Built-in microphone Built-in speaker	1 In, 1 Out
Alarm I/O	1 In, 1 Out (-SU)	-	-	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2747G2-LZS	DS-2CD2T27G2-L	DS-2CD2T47G2-L	DS-2CD2T47G2-LSU/SL	DS-2CD2T87G2-L
Image	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS
Resolution	2688 × 1520	1920 × 1080	2688 × 1520	2688 × 1520	3840 x 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light
WDR	130dB	120dB	130dB	130dB	130dB
Lens	3.6 to 9 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	3.6 to 9 mm, horizontal FOV 92.3° to 48°, vertical FOV 48.4° to 27°, diagonal FOV 112.2° to 55°	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113° 6 mm, horizontal FOV 57°, vertical FOV 32°, diagonal FOV 66°	2.8 mm, horizontal FOV102°, vertical FOV 52°, diagonal FOV 124° 4 mm, horizontal FOV 88°, vertical FOV 49°, diagonal FOV 102° 6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62°
Max. Light Range	40 m	60 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66, IK10	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	-	-	1 In, 1 Out Built-in microphone Built-in speaker	-
Alarm I/O	1 In, 1 Out	-	-	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 V+N16+N6:N24+N5:N24+N16+N6:N24+N3:N24+N1+N5:N24	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2027G1-L	DS-2CD2047G1-L	DS-2CD2327G1-L(U)	DS-2CD2347G1-L(U)	DS-2CD2T27G1-L	DS-2CD2T47G1-L
Image	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu	ColorVu
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 x 1440	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0035 @ (F1.0, AGC ON),0 Lux with LED on	0.0014 @ (F1.0, AGC ON),0 Lux with LED on	0.0035 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0014 @ (F1.0, AGC ON), 0 Lux with Light	0.0035 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0014 @ (F1.0, AGC ON), 0 Lux with Light
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 106° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 63°	2.8 mm, horizontal FOV: 102°, vertical FOV: 51°, diagonal FOV: 125° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°
Max. Light Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	-L model: IP67 -LU model: IP66	-L model: IP67 -LU model: IP66	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-U: Built-in microphone	-U: Built-in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2025F(H)WD-I	DS-2CD2045FWD-I	DS-2CD2065G1-I	DS-2CD2085G1-I	DS-2CD2125G0-IMS	DS-2CD2185G0-IMS
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264 / MJPEG	H.265/H.264 / MJPEG
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @ (F1.6, AGC ON)	0.014 Lux @ (F1.6, AGC ON)	0.014 Lux @ (F1.6, AGC ON)	Color: 0.009 lux @ (F1.6, AGC ON), 0 lux with IR	0.028 lux @ (F2.0, AGC ON), 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120 dB WDR	120 dB WDR
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 108°, vertical FOV: 58°, diagonal FOV: 128° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 103° 6 mm, horizontal FOV: 52° , vertical FOV: 29° , diagonal FOV: 60°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50° , vertical FOV: 28° , diagonal FOV: 59°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection	Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160), 25fps (3072 × 1728, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160, 3072 × 1728, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67, IK10	IP67, IK10	IK10	IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Audio I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Alarm I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2125F(H)WD-I(S)	DS-2CD2145FWD-I(S)	DS-2CD2165G0-I	DS-2CD2185FWD-I(S)	DS-2CD2325F(H)WD-I	DS-2CD2345FWD-I
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @ (F1.6, AGC ON)	0.016 Lux @ (F1.6, AGC ON)	Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67
Angle Adjustment	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355° , tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2365G1-I	DS-2CD2385G1-I	DS-2CD2T25F(H)WD-I5/I8	DS-2CD2T45FWD-I5/I8	DS-2CD2T65G1-I5/I8	DS-2CD2T85G1-I5/I8
Image	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter	Powered by DarkFighter
Image Sensor	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	0.016 Lux @ (F1.6, AGC ON)	0.016 Lux @ (F1.6, AGC ON)	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @(F1.6, AGC ON)	0.014 Lux @ (F1.6, AGC ON)	0.014 Lux @ (F1.6, AGC ON)
WDR	120 dB	120 dB	120dB	120dB	120 dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52° 8 mm, horizontal field of view: 41° 12 mm, horizontal field of view: 25°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61° 8 mm, horizontal FOV: 41°, vertical FOV: 23°, diagonal FOV: 48° 12 mm, horizontal FOV: 25°, vertical FOV: 14°, diagonal FOV: 29°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°
Max. IR Range	30 m	30 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection,face detection, scene change detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection,face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720), face detection, scene change detection	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128 GB	128 GB	128GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2425FWD-I(W)	DS-2CD2455FWD-I(W)	DS-2CD2525FWD-I(W)(S)	DS-2CD2545FWD-I(W)(S)	DS-2CD2555FWD-I(W)(S)	DS-2CD2625F(H)WD-IZS
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2944 × 1656	1920 × 1080	2688 × 1520	2944 × 1656	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.014 lux @(F1.6, AGC ON)	Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR	Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 to 12 mm
FOV	Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129°	Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113°	2.8 mm: Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129° 4 mm: Horizontal field of view: 87°, Vertical field of view: 45°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 53°, Vertical field of view: 29°, Diagonal field of view: 60°	2.8 mm: Horizontal field of view: 109°, Vertical field of view: 60°, Diagonal field of view: 131° 4 mm: Horizontal field of view: 88°, Vertical field of view: 46°, Diagonal field of view: 105° 6 mm: Horizontal field of view: 53°, Vertical field of view: 30°, Diagonal field of view: 61°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 92° 6 mm: Horizontal field of view: 60°, Vertical field of view: 33°, Diagonal field of view: 71°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°
Max. IR Range	10 m	10 m	10 m	10 m	10 m	50 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)(H model)
Streams	3	3	3	3	3	3
Protection Level	-	-	IK08, IP66	IK08, IP67	IK08, IP66	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128G
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	2 In, 1 Out (-S)	2 In, 1 Out (-S)	2 In, 1 Out (-S)	1 In, 1 Out
Alarm I/O	-	-	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at)

Model	DS-2CD2645FWD-IZS	DS-2CD2665G0-IZS	DS-2CD2685G0-IZS	DS-2CD2725F(H)WD-IZS	DS-2CD2745FWD-IZS	DS-2CD2765G0-IZS	DS-2CD2785G0-IZS
Image							
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+
Min. Illumination	Color: 0.011 lux @(F1.4, AGC ON)	Color: 0.012 Lux @ (F1.4, AGC ON)	0.011 Lux @ (F1.4, AGC ON)	Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.011 lux @(F1.4, AGC ON)	0.011 Lux @ (F1.4, AGC ON)	0.011 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°
Max. IR Range	50 m	50 m	50 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection
Frame Rate	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3at)	12 VDC ± 25%, PoE (802.3at)	12 VDC ± 25%, PoE (802.3at)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2H25F(H)WD-IZS	DS-2CD2H45FWD-IZS	DS-2CD2H55FWD-IZS	DS-2CD2H85FWD-IZS	DS-2CD2345G0P-I	DS-2CD2T45G0P-I
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	2944 × 1656	3840 × 2160	2688 × 1520	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.011 lux @(F1.4, AGC ON)	Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR	0.028 Lux @ (F2.0, AGC ON)	0.028 Lux @ (F2.0, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	1.68 mm	1.68 mm
FOV	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 88° to 27° Vertical field of view: 48° to 16° Diagonal field of view: 104° to 32°	Horizontal field of view: 115° to 35° Vertical field of view: 60° to 19° Diagonal field of view: 146° to 38.5°	horizontal FOV: 180° , vertical FOV: 101° , diagonal FOV: 180°	horizontal FOV: 180° , vertical FOV: 101° , diagonal FOV: 180°
Max. IR Range	30 m	30 m	30 m	30 m	10 m	10 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection,face detection,scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)(H model) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)(H model)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 ×720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 ×720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	-	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128G	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Power	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

EasyIP 2.0 Plus with AcuSense

Model	DS-2CD2023G2-I(U)	DS-2CD2043G2-I(U)	DS-2CD2063G2-I(U)	DS-2CD2083G2-I(U)	DS-2CD2123G2-I(S)	DS-2CD2123G2-IU
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160	1920 × 1080	1920 × 1080
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8° 6 mm, horizontal FOV 53.9°, vertical FOV 28.8°, diagonal FOV 62.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8° 6 mm, horizontal FOV 53.9°, vertical FOV 28.8°, diagonal FOV 62.8°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°
Max. IR Range	40 m	40 m	40 m	40 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	Built-in microphone(-IU)	Built-in microphone(-IU)	Built-in microphone(-IU)	1 In, 1 Out(-S)	1 built-in microphone
Alarm I/O	-	-	-	-	1 In, 1 Out(-S)	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2143G2-I(S)	DS-2CD2143G2-IU	DS-2CD2163G2-I(S)	DS-2CD2163G2-IU	DS-2CD2183G2-I(S)	DS-2CD2183G2-IU
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	2688 × 1520	2688 × 1520	3200 × 1800	3200 × 1800	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-S)	1 built-in microphone	1 In, 1 Out(-S)	1 built-in microphone	1 In, 1 Out(-S)	1 built-in microphone
Alarm I/O	1 In, 1 Out(-S)	-	1 In, 1 Out(-S)	-	1 In, 1 Out(-S)	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2323G2-I(U)	DS-2CD2343G2-I(U)	DS-2CD2363G2-I(U)	DS-2CD2383G2-I(U)	DS-2CD2523G2-I(S)	DS-2CD2543G2-I(W)(S)
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK08	IP67, IK08
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	Built-in microphone(-IU)	Built-in microphone(-IU)	Built-in microphone(-IU)	" 1 In, 1 Out(-S) Built-in microphone"	" 1 In, 1 Out(-S) Built-in microphone"
Alarm I/O	-	-	-	-	1 In, 1 Out(-S)	1 In, 1 Out(-S)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2563G2-I(S)	DS-2CD2583G2-I(S)	DS-2CD2623G2-IZS	DS-2CD2643G2-IZS	DS-2CD2663G2-IZS	DS-2CD2683G2-IZS
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	3200 × 1800	3840 × 2160	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm	2.8mm, 4 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8°	horizontal FOV 106.6° to 31.7°, vertical FOV 54.7° to 17.7°, diagonal FOV 130.3° to 36.4°	horizontal FOV 95.8° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.6° to 33.4°	horizontal FOV 105.9° to 31.6°, vertical FOV 55° to 17.8°, diagonal FOV 129.1° to 36.2°	horizontal FOV 108° to 30.3°, vertical FOV 56.3° to 17.1°, diagonal FOV 130.8° to 34.8°
Max. IR Range	30 m	30 m	60 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK08	IP67, IK08	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-S) Built-in microphone	1 In, 1 Out(-S) Built-in microphone	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out(-S)	1 In, 1 Out(-S)	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)

Model	DS-2CD2723G2-IZS	DS-2CD2743G2-IZS	DS-2CD2763G2-IZS	DS-2CD2783G2-IZS	DS-2CD2H23G2-IZS	DS-2CD2H43G2-IZS
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV 106.6° to 31.7°, vertical FOV 54.7° to 17.7°, diagonal FOV 130.3° to 36.4°	horizontal FOV 95.8° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.6° to 33.4°	horizontal FOV 105.9° to 31.6°, vertical FOV 55° to 17.8°, diagonal FOV 129.1° to 36.2°	horizontal FOV 108° to 30.3°, vertical FOV 56.3° to 17.1°, diagonal FOV 130.8° to 34.8°	horizontal FOV 106.6° to 31.7°, vertical FOV 54.7° to 17.7°, diagonal FOV 130.3° to 36.4°	horizontal FOV 95.8° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.6° to 33.4°
Max. IR Range	40 m	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2H63G2-IZS	DS-2CD2H83G2-IZS	DS-2CD2T23G2-2I/4I	DS-2CD2T43G2-2I/4I	DS-2CD2T63G2-2I/4I	DS-2CD2T83G2-2I/4I
Image	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense	AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	3200 × 1800	3840 × 2160	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)	0.005 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	horizontal FOV 105.9° to 31.6°, vertical FOV 55° to 17.8°, diagonal FOV 129.1° to 36.2°	horizontal FOV 108° to 30.3°, vertical FOV 56.3° to 17.1°, diagonal FOV 130.8° to 34.8°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 127° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104° 6 mm, horizontal FOV 54°, vertical FOV 29°, diagonal FOV 63°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 122° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 61°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8° 6 mm, horizontal FOV 53.9°, vertical FOV 28.8°, diagonal FOV 62.8°	2.8 mm, horizontal FOV 107.1°, vertical FOV 57°, diagonal FOV 127.6° 4 mm, horizontal FOV 87.2°, vertical FOV 46.2°, diagonal FOV 104.8° 6 mm, horizontal FOV 53.9°, vertical FOV 28.8°, diagonal FOV 62.8°
Max. IR Range	40 m	40 m	-2I: 60 m -4I: 80 m	-2I: 60 m -4I: 80 m"	-2I: 60 m -4I: 80 m	-2I: 60 m -4I: 80 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) , 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) , 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3840 × 2160) , 25fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3840 × 2160) , 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	-	-	-	-
Alarm I/O	1 In, 1 Out	1 In, 1 Out	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2023G0-I	DS-2CD2043G0-I	DS-2CD2063G0-I	DS-2CD2083G0-I	DS-2CD2123G0-I(S)	DS-2CD2143G0-I(S)
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 Lux @ (F2.0, AGC ON)	Color:0.018 Lux @ (F1.6, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.018 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 356°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Alarm I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2163G0-I(S)	DS-2CD2183G0-I(S)	DS-2CD2123G0-IU	DS-2CD2143G0-IU	DS-2CD2163G0-IU	DS-2CD2183G0-IU
Image						
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color:0.018 Lux @ (F1.6, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm: horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm: horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 356°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	Built in microphone	Built in microphone	Built in microphone	Built in microphone
Alarm I/O	1 In, 1 Out	1 In, 1 Out	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2323G0-I(U)	DS-2CD2343G0-I(U)	DS-2CD2363G0-I(U)	DS-2CD2383G0-I(U)	DS-2CD2T23G0-I5/I8	DS-2CD2T43G0-I5/I8
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 Lux @ (F2.0, AGC ON)	Color:0.018 Lux @ (F1.6, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 Lux @ (F2.0, AGC ON)	Color:0.018 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62° 8 mm, horizontal FOV: 43°, vertical FOV: 23°, diagonal FOV: 50°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm, horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
Max. IR Range	30 m	30 m	30 m	30 m	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920×1080, 1280×960, 1280×720) 60Hz: 30fps (1920×1080, 1280×960, 1280×720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2T63G0-I5/I8	DS-2CD2T83G0-I5/I8	DS-2CD2423G0-I(W)	DS-2CD2443G0-I(W)	DS-2CD2463G0-I(W)
Image					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color:0.018 lux @(F1.6, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8 mm	2.8 mm	2.8 mm
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75° 8 mm, horizontal FOV: 39.5°, vertical FOV: 26°, diagonal FOV: 48°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59° 8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53°	2.8 mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102°	2.8 mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114° 4 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm: horizontal FOV: 97°, vertical FOV: 67°, diagonal FOV: 121° 4 mm, horizontal FOV: 78°, vertical FOV: 53°, diagonal FOV: 98°
Max. IR Range	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m	10 m	10 m	10 m
VCA	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3		3	3	3
Protection Level	IP67	IP67	-	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Indoor	Indoor	Indoor
Audio I/O	-	-	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2523G0-I(W)(S)	DS-2CD2543G0-I(W)(S)	DS-2CD2563G0-I(W)(S)	DS-2CD2623G1-IZ(S)	DS-2CD2643G1-IZ(S)	DS-2CD2663G1-IZ(S)	DS-2CD2683G1-IZ(S)
Image							
Image Sensor	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+	H.265/H.264/MJPEG/H.264+/ H.265+
Min. Illumination	Color:0.028 lux @(F2.0, AGC ON)	Color:0.018 lux @(F1.6, AGC ON)	Color:0.028 lux @(F2.0, AGC ON)	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm: Horizontal field of view: 114°, Vertical field of view: 62°, Diagonal field of view: 135° 4 mm: Horizontal field of view: 86°, Vertical field of view: 46°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 54°, Vertical field of view: 30°, Diagonal field of view: 62°	2.8 mm: Horizontal field of view: 98°, Vertical field of view: 55°, Diagonal field of view: 114° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 93° 6 mm: Horizontal field of view: 48°, Vertical field of view: 27°, Diagonal field of view: 54°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 67°, Diagonal field of view: 121° 4 mm: Horizontal field of view: 78°, Vertical field of view: 53°, Diagonal field of view: 98° 6 mm: Horizontal field of view: 60°, Vertical field of view: 41°, Diagonal field of view: 76°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
Max. IR Range	10 m	10 m	10 m	50 m	50 m	50 m	50 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz:25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3	3
Protection Level	IP66	IP66	IP66	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	2 In, 1 Out (-S)	2 In, 1 Out (-S)	2 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)	12 VDC ± 25%, PoE (802.3at, class 4)

Model	DS-2CD2723G1-IZ(S)	DS-2CD2743G1-IZ(S)	DS-2CD2763G1-IZ(S)	DS-2CD2783G1-IZ(S)	DS-2CD2H23G1-IZ(S)	DS-2CD2H43G1-IZ(S)
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120 dB	120 dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°
Max. IR Range	30 m	30 m	30 m	30 m	30m	30m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2H63G1-IZ(S)	DS-2CD2H83G1-IZ(S)
Image		
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Lens	2.8 to 12 mm	2.8 to 12 mm
FOV	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
Max. IR Range	30m	30m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3
Protection Level	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2021G1-I	DS-2CD2121G0-I(S)
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 Lux @(F2.0; AGC ON)	Color:0.028Lux @(F2.0, AGC ON)
WDR	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 136° 4 mm, horizontal field of view: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal field of view: 54.5°, vertical FOV: 31.3°, diagonal FOV: 62.3°	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°
Max. IR Range	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2
Protection Level	IP67	IP67 and IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	-	1 in ,1 out (-S model)
Alarm I/O	-	1 in ,1 out (-S model)
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2321G0-I/NF	DS-2CD2621G0-I(Z)(S)	DS-2CD2721G0-I(Z)(S)	DS-2CD2821G0	DS-2CD2421G0-I	DS-2CD2441G0-I
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color:0.028Lux @(F2.0, AGC ON)	Color:0.028Lux @(F2.0, AGC ON)	Color:0.028Lux @(F2.0, AGC ON)	0.005 Lux @ (F1.2, AGC ON)	0.028 Lux @ (F2.0, AGC ON)	0.028 Lux @ (F2.0, AGC ON)
WDR	120dB	120dB	120dB	120dB	DWDR	120dB
Lens	2.8mm, 4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	-	2 mm, 2.8 mm, 4 mm	2.8 mm
FOV	2.8 mm: horizontal FOV: 103°, vertical FOV: 62°, diagonal FOV: 118° 4 mm: horizontal FOV: 90°, vertical FOV: 48°, diagonal FOV: 109° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	-	2 mm: horizontal FOV: 132°, vertical FOV: 77°, diagonal FOV: 153° 2.8 mm: horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 126° 4 mm: horizontal FOV: 85°, vertical FOV: 45°, diagonal FOV: 101°	Horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114°
Max. IR Range	30 m	30 m	30 m	-	10 m	10m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	-	-
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 15fps (2560 × 1440) 25fps (1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1440) 30fps (1920 × 1080, 1280 × 720)"
Streams	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67,IK10	-	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (22 °F to +140 °F)	-30 °C to +60 °C (22 °F to +140 °F)	-10 °C to +50 °C (14 °F to +122 °F)	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	128GB	128GB	128GB	256GB	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	indoor	indoor	indoor
Audio I/O	-	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 built-in mic, 1 built-in speaker	1 In, 1 Out
Alarm I/O	-	2 In, 2 Out	2 In, 2 Out	1 In, 1 Out	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12VDC/24VAC/PoE(802.3af)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)"

Network Cameras

Value Series

Superior Performance-to-Price Monitoring

1-Series:

- High quality imaging with up to 8 MP resolution
- Easy to install, set up, and manage
- Multiple functions such as built-in mic, ColorVu lite, and more meet a variety of needs

Wi-Fi Series:

- Easy to install
- 2 antennas provide stable and high quality images
- ColorVu models support 24/7 colorful images, with human & vehicle classification
- AcuSense models also support human and vehicle classification

1 Series

Model	DS-2CD1021-I	DS-2CD1023G0E-I	DS-2CD1023G0-IUF	DS-2CD1027G0-L
Image				
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.264/MJPEG/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028Lux @(F2.0, AGC ON)	Color: 0.028Lux @ (F2.0, AGC ON)	Color: 0.028Lux @ (F2.0, AGC ON)	Color: 0.001 Lux @ (F1.0, AGC ON)
WDR	DWDR	DWDR	DWDR	DWDR
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°"	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°
Optical Zoom	-	-	-	-
Max. IR Range	30 m	30 m	30 m	-
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2
Protection Level	IP67	IP67	IP66	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	256GB	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	1 Build-in Microphone	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1043G0-I	DS-2CD1043G0-IUF	DS-2CD1047G0-L	DS-2CD1053G0-I	DS-2CD1053G0-IUF
Image					
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1440	2560 × 1440	2560 × 1920	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON)	Color: 0.028 Lux @ (F2.0, AGC ON)	Color: 0.001 Lux @ (F1.0, AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)
WDR	120dB	120dB	120 dB	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV 102°, vertical FOV 54°, diagonal FOV 121° 4 mm, horizontal FOV 80°, vertical FOV 43°, diagonal FOV 95°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°
Optical Zoom	-	-	-	-	-
Max. IR Range	30 m	30 m	-	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 20fps (2560 × 1440) 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440) 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	256GB	-	-	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1121-I	DS-2CD1123G0E-I	DS-2CD1143G0-I	DS-2CD1143G0-IUF	DS-2CD1153G0-I	DS-2CD1153G0-IUF
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440	2560 × 1920	2560 × 1920
Video Compression	H.264/MJPEG/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028 Lux @(F2.0, AGC ON)	Color: 0.028Lux @ (F2.0, AGC ON)	Color: 0.028 Lux @ (F2.0, AGC ON)	Color: 0.028 Lux @ (F2.0, AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)
WDR	DWDR	DWDR	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°
Optical Zoom	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	256GB	-	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1321-I	DS-2CD1323G0E-I	DS-2CD1323G0-IUF	DS-2CD1327G0-L	DS-2CD1343G0-I	DS-2CD1343G0-IUF	DS-2CD1347G0-L
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440	2560 × 1440
Video Compression	H.264/MJPEG/H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG	H.265/H.264/MJPEG/H.265+/ H.264+
Min. Illumination	Color: 0.028 Lux @(F2.0, AGC ON)	Color: 0.028Lux @ (F2.0, AGC ON)	Color: 0.028Lux @ (F2.0, AGC ON)	Color: 0.001 Lux @ (F1.0, AGC ON)	Color: 0.028 Lux @ (F2.0, AGC ON)	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)	Color: 0.001 Lux @ (F1.0, AGC ON)
WDR	DWDR	DWDR	DWDR	DWDR	120dB	120dB	120 dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91°	"2.8 mm, horizontal FOV 102°, vertical FOV 54°, diagonal FOV 121° 4 mm, horizontal FOV 80°, vertical FOV 43°, diagonal FOV 95°"
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	-	30 m	30 m	-
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 20 fps (2560 × 1440) 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2560 × 1440) 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2560 × 1440) 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440) 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP66	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	256GB	-	-	256GB	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	1 Build-in Microphone	-	-	1 Build-in Microphone	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1353G0-I	DS-2CD1353G0-IUF	DS-2CD1T23G0-I	DS-2CD1T43G0-I	DS-2CD1623G0-IZ	DS-2CD1643G0-IZ	DS-2CD1653G0-IZ
Image							
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2560 × 1920	2560 × 1920	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+	H.265/H.264/MJPEG/H.265+/ H.264+
Min. Illumination	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.028 Lux @(F2.0; AGC ON)	Color: 0.018 Lux @ (F1.6, AGC ON)	Color: 0.018 Lux @ (F1.6, AGC ON)	Color: 0.02 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	DWDR	120dB	DWDR	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	4mm, 6mm	4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103° 6mm, horizontal FOV 54°, vertical FOV 31°, diagonal FOV 63°	4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 115° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
Optical Zoom	-	-	-	-	4x	4x	4x
Max. IR Range	30 m	30 m	50 m	50 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	256GB	-	-	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1723G0-IZ	DS-2CD1743G0-IZ	DS-2CD1753G0-IZ	DS-2CD1H23G0-IZ	DS-2CD1H43G0-IZ	DS-2CD1H53G0-IZ
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080	2560 × 1440	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.018 Lux @ (F1.6, AGC ON)	Color: 0.018 Lux @ (F1.6, AGC ON)	Color: 0.02 Lux @ (F1.6, AGC ON)	Color: 0.02 Lux @ (F1.6, AGC ON)	Color: 0.02 Lux @ (F1.6, AGC ON)	Color: 0.02 Lux @ (F1.6, AGC ON)
WDR	DWDR	120dB	120dB	DWDR	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 116° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°	Horizontal FOV 108.5° to 33.2°, vertical FOV 57.5° to 18.8°, diagonal FOV 130° to 38°	Horizontal FOV 92.8° to 29°, vertical FOV 50.2° to 16.4°, diagonal FOV 109° to 32.3°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
Optical Zoom	4x	4x	4x	4x	4x	4x
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz:12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC± 25% PoE: 802.3af, class 3	12 VDC± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1083G0-I	DS-2CD1183G0-I	DS-2CD1383G0-I	DS-2CD1083G0-IUF	DS-2CD1183G0-IUF	DS-2CD1383G0-IUF
Image						
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/MJPEG	H.265/H.265+/MJPEG	H.265/H.265+/MJPEG	H.265/H.265+/MJPEG	H.265/H.265+/MJPEG	H.265/H.265+/MJPEG
Min. Illumination	0.01 Lux @ (F2.0, AGC ON)	0.01 Lux @ (F2.0, AGC ON)	0.01 Lux @ (F2.0, AGC ON)	0.01 Lux @ (F2.0, AGC ON)	0.01 Lux @ (F2.0, AGC ON)	0.01 Lux @ (F2.0, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°	2.8 mm, horizontal FOV 102°, vertical FOV 53°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 44°, diagonal FOV 98°
Optical Zoom	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection	Motion Detection, Face Detectin, Line Crossing Detection, Intrusion Detection
Frame Rate	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67	IP67, IK10	IP67	IP67	IP67, IK10	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 60°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 60°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	256GB	256GB	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	1 Build-in Microphone	1 Build-in Microphone	1 Build-in Microphone
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Wi-Fi Series

Model	DS-2CV2Q21FD-IW	DS-2CV2U21FD-IW	DS-2CV2021G2-IDW	DS-2CV2041G2-IDW	DS-2CV2026G0-IDW	DS-2CV2046G0-IDW
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG	H.265+/H.265/H.264+/H.264/ MJPEG
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	DWDR	DWDR	DWDR	120dB WDR	120dB WDR	120dB WDR
Lens	2.0/2.8 mm	2.0/2.8 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	2.8 mm, horizontal FOV: 112°, vertical FOV: 59°, diagonal FOV: 134°; 4 mm, horizontal FOV: 91°, vertical FOV: 48°, diagonal FOV: 109°	2.8 mm: horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm: horizontal FOV: 79°, vertical FOV 42°, diagonal FOV 93°	2.8 mm, horizontal FOV: 101°, vertical FOV: 54°, diagonal FOV: 119°; 4 mm, horizontal FOV: 82°, vertical FOV: 44°, diagonal FOV: 97°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-	-
Max. IR Range	10 m	10 m	30 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion detection	Motion detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 ×720) 60Hz: 30fps (1920 × 1080, 1280 ×720)	50Hz: 25fps (1920 × 1080, 1280 ×720) 60Hz: 30fps (1920 × 1080, 1280 ×720)	50Hz:25fps (1920 × 1080,1280×720) 60Hz:30fps 1920 × 1080,1280 × 720	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080,1280 × 720); 60Hz:30fps (1920 × 1080,1280 × 720	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	-	-	IP 66	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 355°; Tilt: -10° to 85°	-	Pan: 0° to 360°, tilt: 0° to90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to90°, rotate: 0° to 360°
Operating Temperature	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-	-
Power	5 VDC ± 10 %	5 VDC ± 10 %	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	-	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

Model	DS-2CV2027G0-LDW	DS-2CV2121G2-IDW	DS-2CV2141G2-IDW	DS-2CV2126G0-IDW	DS-2CV2146G0-IDW
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON)	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.009 Lux @ (F1.6, AGC ON), 0 Lux with IR
WDR	120dB WDR	120dB WDR	120dB WDR	120dB WDR	120dB WDR
Lens	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.8 mm, horizontal FOV: 106.7°, vertical FOV: 55.5°, diagonal FOV: 126.5°; 4 mm, horizontal FOV: 83.6°, vertical FOV: 44.6°, diagonal FOV: 99.1°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-
Max. IR Range	-	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Motion detection	Motion detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2
Protection Level	IP 66	IP 66	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

PTZ Dome Cameras

130 Pro Series (EasyIP)

136 Value Series

Network PTZ Dome Cameras

Pro Series (EasyIP)

Almost all of the Pro Series PTZ Cameras are equipped with "powered-by-DarkFighter" technology, even ColorVu technology, making low-light monitoring an easy task. With abundant options for various camera sizes and amazing zoom capability, Pro Series cameras provide the ideal solution for hundreds of scenarios.

- Multiple designs for indoor or outdoor scenarios (5-, 4-, and 3-inch)
- Almost all products support Powered by DarkFighter.
- Min. illumination: Color: 0.005 lux @ (F1.6, AGC ON) B/W: 0.001 lux @ (F1.6, AGC ON) IR: 0 lux
- Hikvision ColorVu technology
- H.265+ / H.265 codec
- Up to 2592×1944 (5 MP) resolution
- More zoom ratio options 32x / 25x / 15x / 4x - Auto-tracking technology (supported by specific products)
- Various VCA rules: face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
- Supports ONVIF and CGI
- Supports Hikvision SDK and Third-Party Management Platform
- 4 , 5 IR models (S5) support false alarm reduction and human & vehicle classification

DE5

Model	DS-2DE5225W-AE	DS-2DE5232W-AE	DS-2DE5425W-AE	DS-2DE5225IW-AE	DS-2DE5232IW-AE	DS-2DE5425IW-AE	DS-2DE5432IW-AE
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264	Main Stream: H.265+/H.265/ H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25× optical zoom	4.8 mm to 153 mm, 32x optical zoom
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)	Horizontal field of view: 61.3° to 2.18° (Wide-Tele) Vertical field of view: 36.9° to 1.22° (Wide-Tele) Diagonal field of view: 68.4° to 2.5° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	150 m	150 m	150 m	150 m
VCA	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3	3	3
Protection Level	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (auto-flip)	From -15° to 90° (auto-flip)
Pan Speed	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Power	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)

DE4

Model	DS-2DE4A204IW-DE (2.8-12mm)	DS-2DE4A204IW-DE (8-32mm)	DS-2DE4A215IW-DE	DS-2DE4A225IW-DE	DS-2DE4A404IW-DE (2.8-12mm)	DS-2DE4A404IW-DE (8-32mm)
Image						
Image Sensor	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	2.8 mm to 12 mm, 4x Optical	8 mm to 32 mm, 4x Optical	5 mm to 75 mm, 15x optical	4.8 mm to 120 mm, 25x optical	2.8 mm to 12 mm, 4× optical zoom	8 mm to 32 mm, 4× optical zoom
Angle of View	Horizontal field of view: 83° to 31° (wide-tele) Vertical field of view: 45° to 18° (wide-tele) Diagonal field of view: 98° to 36° (wide-tele)	Horizontal field of view: 42° to 13° (wide-tele) Vertical field of view: 25° to 8° (wide-tele) Diagonal field of view: 51° to 15° (wide-tele)	Horizontal field of view: 53.8° to 4.0° (wide-tele) Vertical field of view: 31.9° to 2.3° (wide-tele) Diagonal field of view: 60.4° to 4.6°(wide-tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 69.5° to 26.48° (Wide-Tele) Vertical field of view: 38° to 14.94° (Wide-Tele) Diagonal field of view: 81.2° to 20.38° (Wide-Tele)	Horizontal field of view: 36° to 11.56° (Wide-Tele) Vertical field of view: 20° to 6.6° (Wide-Tele) Diagonal field of view: 41.4° to 13.18° (Wide-Tele)
Min. Illumination	Color: 0.002 Lux @(F1.6, AGC ON)	Color: 0.002 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.002 Lux @(F1.6, AGC ON)	Color: 0.002 Lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	DWDR	DWDR
Max. IR Range	50 m	50 m	50 m	50 m	50 m	50 m
VCA	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection, Face Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90°	From -5° to 90°	From -5° to 90°(Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90°(Auto-flip)	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s. Preset speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s. Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/2	2/2	-	2/2	2/2	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5.5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5.5 W for IR)

Model	DS-2DE4A425IW-DE	DS-2DE4215IW-DE	DS-2DE4225IW-DE	DS-2DE4415IW-DE	DS-2DE4425IW-DE
Image					
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560 × 1440	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical zoom	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Range	50 m	100 m	100 m	100 m	100 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	-	1/1	-	1/1
Alarm I/O	2/2	-	-	-	-
Power	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)

Model	DS-2DE4215W-DE(3)	DS-2DE4225W-DE(3)	DS-2DE4415W-DE3	DS-2DE4425W-DE
Image				
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	-
VCA	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard(only for outdoor models), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s
Operating Temperature	Indoor Models: -10°C to 50°C (-14°F to 122°F) Outdoor Models: -30°C to 65°C (-22°F to 149°F)	Indoor Models: -10°C to 50°C (-14°F to 122°F) Outdoor Models: -30°C to 65°C (-22°F to 149°F)	-10°C to 50°C (-14°F to 122°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	-	1/1	-	1/1
Alarm I/O	-	1/1	-	1/1
Power	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W

DE3

Model	DS-2DE3A404IW-DE	DS-2DE3A404IW-DE/W	DS-2DE3204W-DE	DS-2DE3304W-DE	DS-2DE3A400BW-DE_W(F1)
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" progressive scan CMOS
Resolution	2560 × 1440	2560 × 1440	1920 × 1080	2048 × 1536	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Lens	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	4 mm
Angle of View	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 100.5° to 32.6° (wide-tele) Vertical field of view: 52.8° to 18.3° (wide-tele) Diagonal field of view: 120.2° to 37.5° (wide-tele)	Horizontal field of view: 102° to 33° (wide-tele) Vertical field of view: 74° to 24° (wide-tele) Diagonal field of view: 135° to 41° (wide-tele)	Horizontal field of view: 88.7° Vertical field of view: 46.5° Diagonal field of view: 105.0°
Min. Illumination	Color: 0.005 Lux @(F1.5, AGC ON)	Color: 0.005 Lux @(F1.5, AGC ON)	Color: 0.05 Lux @(F1.5, AGC ON)	Color: 0.05 Lux @(F1.6, AGC ON)	Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
WDR	120dB	120dB	DWDR	DWDR	120dB
Max. IR Range	50 m	50 m	-	-	30m white light
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion detection, line crossing detection, audio exception detection, motion detection	Face capture, Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection
Frame Rate	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720), 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720), 30fps (1280 × 960, 1280 × 720)	50Hz:25fps (2048×1536,1920×1080,1280×960, 1280×720), 50fps (1280×960,1280×720) ; 60Hz: 30fps(2048×1536,1920×1080,1280×960, 1280×720), 60fps (1280×960,1280×720)	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66, IK10, 4000V Lightning Protection, Surge Protection, Voltage Transient Protection	IP66, IK10, 4,000V lightning protection, surge protection and voltage transient protection	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 350°	0° to 350°	0° to 350°	0° to 350°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	0° to 90°	0° to 90°
Pan Speed	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s
Tilt Speed	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s
Operating Temperature	-30°C to 60°C (-22°F to 140°F)	-30°C to 60°C (-22°F to 140°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 512 GB
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	1/1	1/1	1/1	1/1	1/1
Power	12 VDC & PoE (802.3at) Max.: 15 W (Max. 2.4 W for IR)	12 VDC & PoE (802.3at) Max.: 19 W (Max. 2.4 W for IR)	12 VDC & PoE (802.3af) Max.: 8 W	12 VDC & PoE (802.3af) Max.: 8 W	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A Max. 14 W (including max. 4 W for white light)

Network PTZ Dome Cameras

Value Series

Easier Way to Better Security

This series features compact designs and high quality imaging to realize cost-efficiency and good user experience.

- Up to 2560 × 1440 resolution
- Powered by DarkFighter (except 2-inch models)
- Min. illumination:
  Color: 0.005 lux @ (F1.6, AGC ON)
  B/W: 0.001 lux @ (F1.6, AGC ON) IR: 0 lux
- Supports IR function, 4x optical zoom (2.5-inch)
- H.265+ / H.265 codec
- 120 dB WDR (except 2-inch models), 3D DNR, HLC, EIS, Regional Exposure, Regional Focus
- Wi-Fi (Optional)
- 12 VDC & PoE
- Supports ONVIF, ISAPI, and CGI
- Supports Hikvision SDK and Third-Party Management Platform

DE2

Model	DS-2DE2A204IW-DE3	DS-2DE2A404IW-DE3	DS-2DE2A404IW-DE3/W	DS-2DE2204IW-DE3
Image				
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1440	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	2.8 to 12 mm, 4× optical	2.8 to 12 mm, 4× optical	2.8 to 12 mm, 4× optical	2.8 to 12 mm, 4× optical
Angle of View	Horizontal field of view: 100.5° to 32.6° (Wide-Tele) Vertical field of view: 52.8° to 18.3° (Wide-Tele) Diagonal field of view: 120.2° to 37.5° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 100° to 25° (wide-tele) Vertical field of view: 56.3° to 14.1° (wide-tele) Diagonal field of view: 114.7° to 28.7° (wide-tele)
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.005 Lux @(F1.6, AGC ON)	Color: 0.05 Lux @ (F2.0, AGC ON)
WDR	120dB	120dB	120dB	DWDR
Max. IR Range (meters)	20 m	20 m	20 m	20 m
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 355°	0° to 355°	0° to 355°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 60°/s Preset Speed: 60°/s
Tilt Speed	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s Preset Speed: 50°/s
Operating Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-10°C to 50°C (-14°F to 122°F)
Humidity	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NPS, SMB/ CIPS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	-	-	1/1
Power	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 12.2 W (Max. 4.2 W for IR)	12 VDC and PoE (802.3af) Max.: 9 W (Max. 3 W for IR)

Panoramic Cameras

142 PanoVu Series

143 Fisheye Series

Network Panoramic Cameras

PanoVu Series

From Expansive Scenes to Detailed Close-Ups

- 360° / 180° Monitoring
- H.265+ codec
- Multiple display modes
- Lower labor costs
- Save costs on IP address

PanoVu Mini

Model	DS-2PT3326IZ-DE3	DS-2PT3122IZ-DE3	DS-2PT3306IZ-DE3	DS-2PT5326IZ-DE
Image				
Image Sensor	Fixed: 3×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	Fixed: 1×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	3×1/2.8" Progressive Scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
Resolution	1920×1080	1920×1080	1920×1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.05 Lux @(F2.0, AGC ON)	Color: 0.05 Lux @(F2.0, AGC ON)	Color: 0.05 Lux @(F2.0, AGC ON)	Color: 0.005 lux @ (F1.6, AGC ON)
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2 mm PTZ: 2.8 - 12 mm	Fixed: 2 mm PTZ: 2.8 - 12 mm	2 mm	Fixed: 4 mm PTZ: 4.7-47 mm
FOV	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Horizontal field of view: 128.5° × 3 Vertical field of view: 75.7°	Panoramic cam: Horizontal field of view: 80.7° × 3 Vertical field of view: 43.5° PTZ cam: Horizontal field of view: 58.6° to 6.4° (wide - tele) Vertical field of view: 35.1° to 3.6° (wide - tele) Diagonal field of view: 7.4° to 65.6° (wide - tele)
Optical Zoom	PTZ: 4X	PTZ: 4x	-	PTZ: 10x
Max. IR Range	10 m	10 m	10 m	Panoramic cam: 30 m PTZ cam: 50 m
VCA	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Streams	2	2	2	2
Protection Level	-	-	-	IP66
Operating Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
Humidity	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
Alarm I/O	-	-	-	1-ch alarm input and 1-ch alarm output
Power	12 VDC & PoE (802.3at) Max.: 24 W (Max. 6 W for IR)	12 VDC & PoE (802.3at) Max.: 19 W (Max. 2 W for IR)	12 VDC & PoE+ (802.3 at, class 4) Max.20 W (Max. 6 W for IR)	12 VDC & Hi-PoE Max.: 27 W (Max. 9 W for IR)

Network Panoramic Cameras

Fisheye Series

Single Sensor Panorama Camera

Hikvision s Fisheye Cameras offer a complete, high-resolution, 360-degree, 0-blind spots, panoramic view. They secure offices, warehouses, shops, hotel lobbies, and more with HD video monitoring without any blind areas. The resulting image is automatically dewarped for intuitive and easy use.

- 360° / 180° overview
- H.265+ codec
- Multiple dewarping modes

Model	DS-2CD2935FWD-I(S)	DS-2CD2955FWD-I(S)
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2048 × 1536	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.017Lux @ (F2.2, AGC ON), 0 Lux with IR on	Color: 0.034Lux @ (F2.2, AGC ON), 0 Lux with IR on
WDR	120dB	120dB
Lens	1.16 mm	1.05 mm
FOV	horizontal field of view: 180°, vertical field of view: 180°	horizontal field of view: 180°, vertical field of view: 180°
Max. IR Range	8 m	8 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz:25fps (2048 × 1536, 1600 × 1200, 1280 × 960) 60Hz:30fps (2048 × 1536, 1600 × 1200, 1280 × 960)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1280 × 960) 60Hz: 30fps (2560 × 1920, 2048 × 1536, 1280 × 960)
Streams	2	2
Protection Level	-	-
Operating Temperature	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)
Humidity	95% or less	95% or less
Local Storage	128 GB	128 GB
Indoor/Outdoor	Indoor	Indoor
Audio I/O	-S: 1 in, 1 out	-S: 1 in, 1 out
Alarm I/O	-S: 1 in, 1 out	-S: 1 in, 1 out
Power	12 VDC, 0.4 A, max.5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max.6.5 W	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W

NVR

142 Pro Series NVRs

150 Value Series NVRs

Network Video Recorders

Pro Series NVRs

Hikvision Pro Series NVRs feature optimized H.265+ and H.264+ compression codecs, enabling highly effective bandwidth and storage management. With plug-and-play functionality, accessing IP cameras and other smart functions has never been easier. The Pro Series is the ideal solution for small to medium size businesses.

- 4-ch human & vehicle classification on VCA results for AcuSense NVRs
- One face recognition channel for AcuSense NVRs
- Quick target search for AcuSense NVR and I / K / Q Series NVRs
- Up to 16-ch @ 1080p decoding for AcuSense NVRs and I-Series, 8-ch @ 1080p decoding for K-Series (except K1), and 5-ch @ 1080p decoding for Q-Series (except Q4)
- GUI 4.0 and E-UI, intuitive and easy-to-use interface
- Supports automatic addition of inactive cameras
- Up to 300 m PoE distance for I-Series and K-Series NVRs
- ISUP protocol accessible

Model	DS-7732NXI-I4/16P/S	DS-7732NXI-I4/S	DS-7716NXI-I4/16P/S	DS-7716NXI-I4/S
Image				
Channel No.	32-ch	32-ch	16-ch	16-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	256/256Mbps	256/256Mbps	256/256Mbps	256/256Mbps
Decoding Capacity	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
Display	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS
Storage Capacity	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface(Optional)	1 eSATA interface(Optional)	1 eSATA interface(Optional)	1 eSATA interface(Optional)
Video Output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output; HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output; VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output; HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output; VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output; HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output; VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output; HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI2/VGA independent output; VGA: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI1/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4	16/4	16/4	16/4
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
PoE Port	16P	-	16P	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity
Power Consumption (without HDD)	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

Model	DS-7616NXI-I2/16P/S	DS-7616NXI-I2/S	DS-7608NXI-I2/8P/S	DS-7608NXI-I2/S
Image				
Channel No.	16-ch	16-ch	8-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160/256Mbps	160/256Mbps	80/256Mbps	80/256Mbps
Decoding Capacity	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
Display	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS
Storage Capacity	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-
Video Output	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (25601440)/60Hz, 1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz,	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (25601440)/60Hz, 1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz,	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (25601440)/60Hz, 1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz,	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (25601440)/60Hz, 1920×1080/60Hz, 1600×1200/60Hz, 1280×1024/60Hz,
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
PoE Port	16P	-	8P	-
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparision capacity
Power Consumption (without HDD)	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

Model	DS-7732NI-I4/24P	DS-7732NI-I4/16P(B)	DS-7732NI-I4(B)	DS-7716NI-I4/16P(B)	DS-7716NI-I4(B)
Image					
Channel No.	32-ch	32-ch	32-ch	16-ch	16-ch
Decoding Format	H.265+/H.265/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	320Mbps/ 256Mbps	256Mbps/ 256Mbps	256Mbps/ 256Mbps	160Mbps/ 256Mbps	160Mbps/ 256Mbps
Decoding Capacity	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (30fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF
Display	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS
Storage Capacity	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
Video Output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI1/VGA Simultaneous Output HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI1/VGA Simultaneous Output HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	24P	16P	-	16P	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W

Model	DS-7732NI-K4/16P	DS-7732NI-K4	DS-7716NI-K4/16P	DS-7716NI-K4	DS-7716NI-Q4/16P	DS-7716NI-Q4
Image						
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch	16-ch
Decoding Format	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/ MPEG4
Incoming/Outgoing Bandwidth	256Mbps/ 160Mbps	256Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 80Mbps	160Mbps/ 80Mbps
Decoding Capacity	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	1-ch @ 8 MP (30 fps) / 4-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps) / 4-ch @ 1080p (30 fps)
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Storage Capacity	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interface Up to 6TB capacity for each HDD	4 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4	16/4	16/4	16/4	16/4 (16/8 optional)	16/4 (16/8 optional)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces
PoE Port	16P	-	16P	-	16P	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 20 W(without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤ 15 W(without enabling PoE)	≤ 15 W

Model	DS-7616NI-I2/16P	DS-7616NI-I2	DS-7608NI-I2/8P	DS-7608NI-I2	DS-7616NI-K2/16P
Image					
Channel No.	16-ch	16-ch	8-ch	8-ch	16-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160 Mbps/256 Mbps	160 Mbps/256 Mbps	80 Mps/256 Mbps	80 Mps/256 Mbps	160Mbps/ 160Mbps
Decoding Capacity	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p / VGA/4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p / VGA/4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p / VGA/4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p / VGA/4CIF /DCIF/2CIF/CIF/QCIF	"8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF"
Display	1 HDMI/1 VGA/(CVBS optional)	1 HDMI/1 VGA/(CVBS optional)	1 HDMI/1 VGA/(CVBS optional)	1 HDMI/1 VGA/(CVBS optional)	1 HDMI/1 VGA
Storage Capacity	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz VGA:1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	16P	-	8P	-	16P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)	≤15 W(without enabling PoE)

Model	DS-7616NI-K2	DS-7608NI-K2/8P	DS-7608NI-K2	DS-7616NI-Q2/16P	DS-7616NI-Q2	DS-7608NI-Q2/8P
Image						
Channel No.	16-ch	8-ch	8-ch	16-ch	16-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160Mbps/ 160Mbps	80Mbps/ 160Mbps	80Mbps/ 160Mbps	160Mbps/ 80Mbps	160Mbps/ 80Mbps	80Mbps/80Mbps
Decoding Capacity	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Storage Capacity	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each disk	2 SATA interfaces Up to 8TB capacity for each disk	2 SATA interfaces Up to 8TB capacity for each disk
eSATA/Mini SAS	-	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz VGA:1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz VGA:1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz VGA:1920 × 1080/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 ×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI:1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 ×1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1			
Network Interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface
PoE Port	-	8P	-	16P	-	8P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)

Model	DS-7608NI-Q2	DS-7616NI-K1	DS-7608NI-K1/8P	DS-7608NI-K1	DS-7604NI-K1/4P	DS-7604NI-K1
Image						
Channel No.	8-ch	16-ch	8-ch	8-ch	4-ch	4-ch
Decoding Format	H.265/H.265+/H.264/H.264+/ MPEG4	H.265/H.265+/H.264/H.264+/ MPEG4	H.265/H.265+/H.264/H.264+/ MPEG4	H.265/H.265+/H.264/H.264+/ MPEG4	H.265/H.265+/H.264/H.264+/ MPEG4	H.265/H.265+/H.264/H.264+/ MPEG4
Incoming/Outgoing Bandwidth	80Mbps/80Mbps	160Mbps/ 80Mbps	80Mbps/ 80Mbps	80Mbps/ 80Mbps	40Mbps/ 80Mbps	40Mbps/ 80Mbps
Decoding Capacity	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Storage Capacity	2 SATA interfaces Up to 8TB capacity for each disk	1 SATA interface Up to 8TB capacity for each HDD	1 SATA interface Up to 8TB capacity for each HDD	1 SATA interface Up to 8TB capacity for each HDD	1 SATA interface Up to 8TB capacity for each HDD	1 SATA interface Up to 8TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 ×1080p/60Hz, 1600 × 1200/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI: 4K (3840 ×2160)/30Hz, 1920 ×1080p/60Hz, 1600 ×1200/60Hz, 1280 ×1024/60Hz, 1280 ×720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz,1280 × 1024/60Hz, 1280 ×720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 ×1080p/60Hz, 1600 × 1200/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz, 1024 ×768/60Hz	HDMI:4K (3840 × 2160)/30Hz,1920 × 1080p/60Hz, 1600 ×1200/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz;HDMI/ VGA simultaneous output VGA:1920 × 1080p/60Hz,1600 × 1200/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz ;HDMI/VGA simultaneous output	HDMI: 4K (3840 × 2160)/30Hz,1920 × 1080p/60Hz, 1600 ×1200/60Hz, 1280 × 1024/60Hz,1280 × 720/60Hz, 1024 ×768/60Hz;HDMI/ VGA simultaneous output VGA:1920 × 1080p/60Hz, 1600× 1200/60Hz, 1280 ×1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz; HDMI/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O		--	--	--	--	--
Network Interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface
PoE Port	-	-	8P	-	4P	-
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering
Power Consumption (without HDD)	≤15 W	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W

Network Video Recorders

Value Series NVRs

Hikvision Value Series NVRs provide a highly cost-effective choice of video recording, live view, and playback. In particular, the Wi-Fi solutions of the Value Series NVRs make them easy to install and easy to manage.

- Cost-effective
- H.265+ / H.265, H.264+ / H.264 self-adapting decoding
- Up to 4-ch @ 1080p decoding for 71 Series
- Plug and Play for PoE models
- Wi-Fi Series NVRs offer two MIMO antennas designed for excellent Wi-Fi performance
- 4-ch @ 4 MP decoding for new Wi-Fi Series NVRs

Model	DS-7108NI-Q1/8P/M	DS-7108NI-Q1/M	DS-7104NI-Q1/4P/M	DS-7104NI-Q1/M	DS-7108NI-Q1/8P	DS-7108NI-Q1	DS-7104NI-Q1/4P	DS-7104NI-Q1
Image								
Channel No.	8-ch	8-ch	4-ch	4-ch	8-ch	8-ch	4-ch	4-ch
Decoding Format	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264	H.265+/H.265/ H.264+/ H.264
Incoming/Outgoing Bandwidth	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps
Decoding Capacity	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)	4-ch @ 1080p (25 fps), 1-ch @ 6 MP (25 fps)
Recording Resolution	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/ DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Storage Capacity	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-	-	-
Video Output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,HDMI/VGA simultaneous output
Audio Output	-	-	-	-	-	-	-	-
Alarm I/O	-	-	-	-	-	-	-	-
Network Interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface
PoE Port	8P	-	4P	-	8P	-	4P	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection	line crossing and intrusion detection
Power Consumption (without HDD)	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W

Wi-Fi Series

Model	DS-7104NI-K1/W/M(C)	DS-7104NI-K1/W/M(C)
Image		
Channel No.	8-ch	4-ch
Decoding Format	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+
Incoming/Outgoing Bandwidth	50/40 Mbps	50/40 Mbps
Decoding Capacity	4-ch@1080p (25 fps), 4-ch@4 MP (12 fps)	4-ch@1080p (25 fps), 4-ch@4 MP (12 fps)
Recording Resolution	4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA
Video Output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output
Storage Capacity	Up to 6 TB capacity for each disk	Up to 6 TB capacity for each disk
Frequency band	2.4 GHz	2.4 GHz
Antenna structure	2 × 2MIMO	2 × 2MIMO
Transmission speed	144 Mbps	144 Mbps
Transmission standard	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Output	1-ch, RCA (linear, 1 KΩ)	1-ch, RCA (linear, 1 KΩ)
Alarm I/O	-	-
Network Interface	1, RJ45 10/100M Ethernet interface	1, RJ45 10/100M Ethernet interface
PoE Port		
USB Port	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0
Smart Function	Supports line crossing and intrusion VCA (Video Content Analytics) events for IP cameras	Supports line crossing and intrusion VCA (Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 10 W	≤ 10 W

Kit

155 Wi-Fi Kit

156 PoE Kit

Kit

Wi-Fi Kit:

- A kit includes four Wi-Fi cameras, one Wi-Fi NVR, and all accessories to minimize time and costs
- Auto-connect function for quick connection
- Stable Wi-Fi signal provides up to 120 meters of Wi-Fi coverage (in open places)

PoE Kit:

- A kit includes four PoE cameras, one PoE NVR, and all accessories to save time and cost
- PoE function to save wiring installation time
- Plug and play function for quick configuration

Wi-Fi Series

Model	NK42W0H-1T(WD)	NK42W1H-1T(WD)	NK44W0H-1T(WD)	NK44W1H-1T(WD)
Image				
Camera Case Type	Bullet	Dome	Bullet	Dome
Min. Illumination	Color: 0.02 Lux @ (F2.0, AGC ON)	Color: 0.02 Lux @ (F2.0, AGC ON)	Color:0.028 Lux @(F2.0; AGC ON)	Color:0.028 Lux @(F2.0; AGC ON)
Protection Level	IP66	IP66	IP66	IP66
Material	Front cover: metal, back cover: plastic	Plastic	Front cover: plastic, camera body: metal	Plastic
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440
Audio I/O	1 built-in mic	1 built-in mic	1 Built-in mic, mono sound	1 Built-in mic, mono sound
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, Φ 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, 0.5 A, Φ 5.5 mm coaxial plug power	12 VDC ± 25%, 0.5 A, Φ 5.5 mm coaxial plug power
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps
HDMI/VGA Output	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p
Capability	4-ch@4 MP (12 fps)/4-ch@1080p (25 fps)	4-ch@1080p/1-ch@4 MP	4-ch@4 MP (12 fps)/4-ch@1080p (25 fps)	4-ch@1080p/1-ch@4 MP
PoE Interfaces Power	-	-	-	-
SATA	1	1	1	1
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Dimension (W × D × H)	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")	260 mm × 246 mm × 48 mm (10.2" × 9.7" × 1.9")	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")	260 mm × 246 mm × 48 mm (10.2" × 9.7" × 1.9")
Accessories	Power cable: 4 × IPC power cables, 1 × NVR power cable Ethernet cable: RJ45, Cat5e UTP, 1 m. Connects NVR and Switch HDMI cable: 1 × HDMI cable, 2 m, black	Power: 4 × IPC power cables, 1 × NVR power cable Network cable: RJ45, Cat5e UTP, 1 m. Connects NVR and Switch HDMI cable: 1 × HDMI cable, 2 m, black	Power cable: 4 × IPC power cables, 1 × NVR power cable Ethernet cable: RJ45, Cat5e UTP, 1 m. Connects NVR and Switch HDMI cable: 1 × HDMI cable, 2 m, black	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD	-1T:Pre-installed 1 TB HDD	-1T:Pre-installed 1 TB HDD	-1T:Pre-installed 1 TB HDD

PoE KIT Series

Model	NK42E2H-1T(WD)	NK42E2H	NK42E3H-1T(WD)	NK42E3H
Image				
Camera Case Type	Turret	Turret	Bullet & Dome	Bullet & Dome
Min. Illumination	Color:0.028 Lux @(F2.0; AGC ON)	Color:0.028 Lux @(F2.0; AGC ON)	Color:0.028 Lux @(F2.0; AGC ON)	Color:0.028 Lux @(F2.0; AGC ON)
Protection Level	IP67	IP67	Bullet: IP67 Dome: IP67, IK10	Bullet: IP67 Dome: IP67, IK10
Material	Camera body: metal, bottom base : plastic	Camera body: metal, bottom base : plastic	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
On-board Storage	No	No	No	No
Audio I/O	No	No	No	No
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)	12 VDC ± 25%, Φ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)	12 VDC ± 25%, Φ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)	12 VDC ± 25%, Φ 5.5 mm coaxial plug power, or PoE (802.3af, class 3)
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps
HDMI/VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Capability	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP
PoE Interfaces Power	≤ 36 W	≤ 36 W	≤ 36 W	≤ 36 W
SATA	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Power Supply	48 VDC	48 VDC	48 VDC	48 VDC
Dimension (W × D × H)	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")	265 × 225 × 48 mm (10.4" × 8.9" × 1.9")
Accessories	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD	-	-1T:Pre-installed 1 TB HDD	-

Thermal Cameras

158 HeatPro Series

Thermal Cameras

HeatPro Series

Professional Protection Made Simple

Hikvision HeatPro Series Cameras feature deep-learning thermal video analytics for all-weather perimeter protection, object temperature measurement and fire detection with real-time alarms. They are affordable and easy to configure, making the cameras ideal for SMB applications in residential, retail, parking, museums, data centers, and other verticals.

- All-weather deterrence and alerts
- Simple, three-step deployment for perimeter protection
- Thermal video analytics with deep-learning human & vehicle classification, reducing maintenance overhead
- Temperature exception alarms for fire prevention
- Visual and auditory alarms (offered by / PA models)

HeatPro

Hikvision HeatPro Series Thermal Cameras

Professional Protection Made Simple

Single Lens

Model	DS-2TD1117-2PA/3PA/6PA	DS-2TD2117-3PA/6PA/10PA
Image		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mk (@25 °C,F# = 1.1)	< 40 mk (@25 °C,F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm
Resolution (Thermal)	160 × 120	160 × 120
Sensor (Optical)	-	-
Max. Resolution (Optical)	-	-
Min. Illumination (Optical)	-	-
Lens	2, 3 or 6 mm	3, 6 or 10 mm
Field of View (Thermal)	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP66	IP66
Pan/Tilt	-	-
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 ° C to 65 ° C (-40 ° F to 149 °F), Humidity: 95% or less	From -40 ° C to 65 ° C (-40 ° F to 149 °F), Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Dual lens

Model	DS-2TD1217-2PA/3PA/6PA	DS-2TD2617-3PA/6PA/10PA
Image		
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25 °C,F# = 1.1)	< 40 mK (@25 °C,F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm
Resolution (Thermal)	160 × 120 (the resolution of output image is 320 × 240)	160 × 120 (the resolution of output image is 320 × 240)
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	2PA Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON) 3PA/6PA Color: 0.0089 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON)	Color: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)
Lens	Thermal: 2, 3 or 6 mm Optical: 2, 4 or 6 mm	Thermal: 3, 6 or 10 mm Optical: 4, 6 or 8 mm
Field of View (Thermal)	2 mm: 90° × 66.4° 3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7°	3 mm: 50° × 37.2° 6 mm: 25.0° × 18.7° 10 mm: 15.96° × 12°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP66	IP66
Pan/Tilt	-	-
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Monitors

161 Pro Series

164 Value Series

Monitors

Pro Series

Visual and Audio Clarity

Pro Series monitors deliver 24/7 operation with FHD or UHD images.

- Full HD 1080p/UHD 4K resolution
- Wide viewing angle 178°(H) / 178°(V)
- 3D comb filter, 3D De-interlace , 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Supports multiple inputs: HDMI, DVI, VGA, BNC, USB, audio in, RS232, RJ45, IR
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications

4K Series

Model		DS-D5027UC	DS-D5043UC	DS-D5050UC	DS-D5055UC	DS-D5065UC
Image						
Display	Max Resolution	3840*2160	3840×2160	3840×2160	3840×2160	3840×2160
	Backlight	LED-Backlit TFT LCD	D-LED Backlight	LED Backlight	D-LED	D-LED Backlight
	Active Display Area	27"	42.5"	49.5"	54.6"	64.5"
	Brightness	350cd/m²	400 cd/m2	300 cd/m²	400 cd/m²	400 cd/m2
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9
	Contrast Ratio	1000:1	1200:1	4000: 1	1200:1	1200:1
	Response Time	14ms	8ms	8ms	8ms	8ms
	Color	1.07billion	1.07billion	1.07billion	1.07billion	1.07billion
	Viewing Angle	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizantal 178°, vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
Interface	Input	HDMI input 1 DP input 1	RS232 1 HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2	LAN 1 VGA input 1 HDMI input 1 AV input 1 (CVBS IN, L Audio input, R Audio input) USB 2.0 1 USB 3.0 1	HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2 RS232 1	RS232 1 HDMI 2.0*2 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2
	Output	Audio input 1	Audio out 1	SPDIF output 1	Audio out 1	Audio out 1
	Speaker	2 * 2W	8W*2	2*8W	8W*2	8W*2
General	Input Voltages	100-240 VAC,50/60 Hz	AC 100-240V, 50/60 Hz	100 to 240 VAC, 50/60Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
	Power Consumption	≤56W	≤120W	≤ 117W	≤180W	≤270W
	Dimensions	614.19mm * 400.4mm* 249.6mm	968.2mm*559.4mm*60.9 mm	1123.6 × 649.3 × 77 mm	1239.2mm*711.6mm*61.7 mm	1458.7mm*834.7mm*.81.6mm
	Weight	Gross Weight 6.55 Kg Net Weight 5.07 kg	Gross Weight 11.7kg Net Weight 8.6kg	Gross Weight 12.35 kg Net Weight 12.00 kg	Gross Weight 20.7kg Net Weight 16Kg	Gross Weight 30.6kg Net Weight 24.5kg
	VESA Mounting	100mm * 100mm	200mm*200mm/400mm*400mm	400mm*200mm	400mm*200mm/400mm*400mm	400mm*400mm
	Operating Temperature	0-40 ° (0 to 104 ° F)	0°-40°(0 to 104 ° F)	0 to 40 ° C (0 to 104 ° F)	0°- 40°	0-40°(0 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM4255W	DS-DM4255W	DS-DM4255W	DS-DM6586W
	Stand Bracket (Optional)	Included by default	DS-DM4304B	DS-DM5001B	DS-DM5504B	DS-DM6501B

FL Series

Model		DS-D5043FL-B
Image		
Display	Max Resolution	1920 x 1080
	Backlight	LED-Backlit
	Active Display Area	43''
	Brightness	500 nit
	Aspect Ratio	16:9
	Contrast Ratio	1200:1
	Response Time	8 ms
	Color	72 % NTSC
	Viewing Angle	Horizontal 178°, Vertical 178°
Interface	Input	VGA x 1, DVI x 1, HDMI x 1, BNC IN x 1,AUDIO IN x 1
	Output	BNC OUT x 1,Built-in audio x 2
	Speaker	-
General	Input Voltages	100 to 240 VAC, 50/60 Hz
	Power Consumption	118 W
	Dimensions	998.78 x 590.52 x 78.24 mm (39.32" x 23.24" x 3.08")
	Weight	23 Kg(Gross weight), 21 Kg(Net weigh)
	VESA Mounting	400 (H) x 300 (V) mm
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Working Time	7*24h
	Wall mounted Bracket (Optional)	DS-DM4255W
	Stand Bracket	DS-DM4303B

FC Series

Model		DS-D5022FC	DS-D5024FC	DS-D5032FC-A
Image				
Display	Max Resolution	1920×1080	1920×1080	1920×1080
	Backlight	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Active Display Area	21.5"	23.6"	31.5"
	Brightness	250cd/m²	250cd/m²	300cd/m²
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	1000:1	1000:1	1000:1
	Response Time	5ms	5ms	8ms
	Color	16.7M	16.7M	16.7M
	Viewing Angle	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°
Interface	Input	HDMIx1, VGA×1, BNCx1,USB×1,Audio(3.5mm mini-jack)×1, Stereo×1	HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1, RCA×1	DVIx1,HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1
	Output	BNC×1,Audio(3.5mm mini-jack)×1, Stereo out×1	BNC×1,AUDIO×1	BNC×1,PC AUDIO×1
	Speaker	2*2W	2*2W	2 W x 2, 6Ω
General	Input Voltages	DC 12V/3.0A (Power adapter)	AC 100-240V	100 - 240 V AC, 50/60 Hz
	Power Consumption	< 30W(on) <0.5W(Standby)	< 30W(on) <0.5W(Standby)	≤ 45 W
	Dimensions	511.4mmx313.0mmx45.4mm	561mmx338mmx45mm	729mm x433mm x50mm
	Weight	4.6Kg(Grossweight) , 3.2(Net weight)	6.0Kg(Gross weight) , 5.1(Net weight)	9.25 Kg(Gross weight) , 5.75 Kg(Net weight)
	VESA Mounting	100mm × 100mm	100mm × 100mm	100 mm x 100 mm
	Operating Temperature	0°C - 40 °C	0°C - 40 °C	0°C - 40°C
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket	Included by default	Included by default	Included by default

Monitors

Value Series

Accessible and Affordable

Value Series monitors deliver 24/7 operation at an affordable price

- Wide viewing angle
- Multiple inputs: HDMI / VGA
- 3D comb filter, 3D De-interlace, 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications

QE Series

Model		DS-D5019QE	DS-D5019QE-B	DS-D5022QE-B	DS-D5022QE-E	DS-D5032QE	DS-D5043QE
Image							
Display	Max Resolution	1366×768	1366×768	1920×1080	1920×1080	1920×1080	1920 × 1080
	Backlight	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Active Display Area	18.5"	18.5"	21.5"	21.5"	31.5"	42.5"
	Brightness	200cd/m2 (Typical)	200cd/m2 (Typical)	250cd/m2 (Typical)	200 cd/m² (Typical)	300cd/m2 (Typical)	360 cd/m2(Typical)
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
	Contrast Ratio	600:1	600:1	1000:1	600: 1	1400:1	1200:1
	Response Time	5ms	5ms	5ms	5ms	8ms	8ms
	Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	Viewing Angle	Horizontal 90°, Vertical 65°	Horizontal 90°, Vertical 65°	Horizontal 170°, Vertical 160°	Horizontal 90°, vertical 65°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
Interface	Input	VGA×1	HDMIx1, VGA×1	HDMIx1, VGA×1	HDMIx1, VGA×1	HDMIx1,VGA×1,Audio×1,RJ45(RS232)×1	HDMI x1,VGAx 1,Audio In x1
	Output	-	-	-	-	-	-
	Speaker	-	-	-	-	5W*2	5W*2
General	Input Voltages	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	100 to 240 V AC, 50/60Hz
	Power Consumption	≤ 25W	≤ 25W	< 30W(on) < 0.4W(Standby)	< 30W(on) < 0.5W(Standby)	< 55W(on) < 0.5W(Standby)	≤75W 0.5W(Standby)
	Dimensions	446mm×275mm ×45mm	446mm×275mm ×45mm	511mm×313mm ×46mm	511mm×377mm ×170mm	727mm×424mm ×64mm	968.18mm×562.99mm ×76.8mm
	Weight	3.5Kg(Grossweight) , 2.8Kg(Net weight)	3.5Kg(Grossweight) , 2.8Kg(Net weight)	4.5Kg(Grossweight) , 3.3Kg(Net weight)	4.0Kg(Grossweight) , 3.2Kg(Net weight)	6.763Kg(Grossweight) , 5.09Kg(Net weight)	11.1Kg(Grossweight) , 8.2Kg(Net weight)
	VESA Mounting	75mm x 75mm	75mm x 75mm	100mm × 100mm	100mm × 100mm	100mm × 100mm	200mm*200mm
	Operating Temperature	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C	5°C ~ 40°C
	Working Time	7*24h	7*24h	7*24h	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM4255W
	Stand Bracket	Included by default	Included by default	Included by default	Included by default	Included by default	Included by default

FN Series

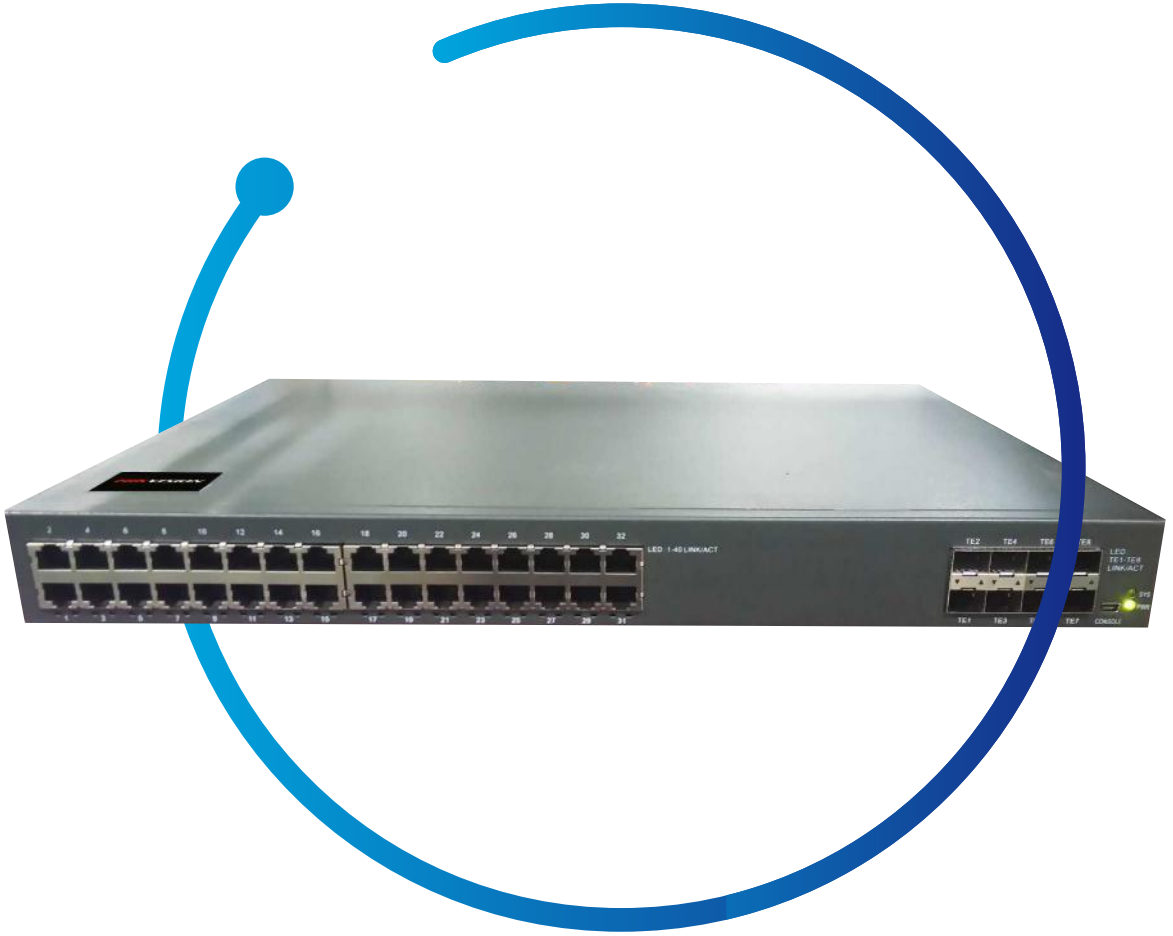
Model		DS-D5022FN	DS-D5024FN	DS-D5027FN
Image				
Display	Max Resolution	1920 ×1080@60Hz	1920 ×1080@60Hz	1920 ×1080@60Hz
	Backlight	TFT-LED Backlight	TFT-LED Backlight	TFT-LED Backlight
	Active Display Area	476× 268 mm	527 × 296 mm	598 × 336 mm
	Brightness	250 cd/m²	250 cd/m²	300 cd/m²
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	3000: 1	1000: 1	1000: 1
	Response Time	13ms	14ms	14ms
	Color	16.7M	16.7M	16.7M
	Viewing Angle	Horizantal 178°, vertical 178°	Horizantal 178°, vertical 178°	Horizantal 178°, vertical 178°
Interface	Input	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1
	Output	-	-	-
	Speaker	-	-	-
General	Input Voltages	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz
	Power Consumption	≤ 30W	≤ 30W	≤ 40W
	Dimensions	489×378×167mm	540×418×227mm	614×454×226mm
	Weight	4.44kg (Grossweight) , 2.75 kg(Net weight)	4.44 kg (Grossweight) , 3.43 kg (Net weight)	5.62 kg (Grossweight) , 4.06 kg (Net weight)
	VESA Mounting	100 ×100 mm	100 ×100 mm	100 ×100 mm
	Operating Temperature	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket	Included by default	Included by default	Included by default

Switches

169 Ultra Series

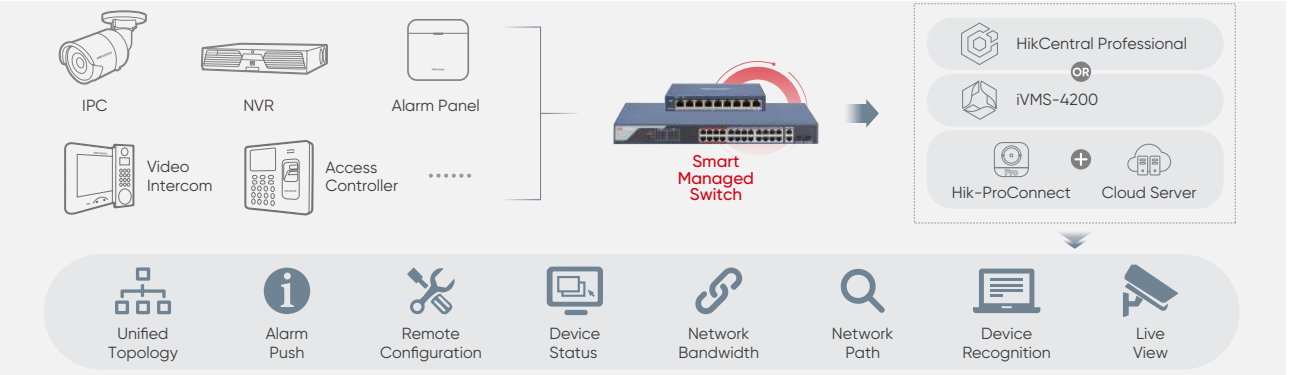
170 Pro Series

180 Value Series



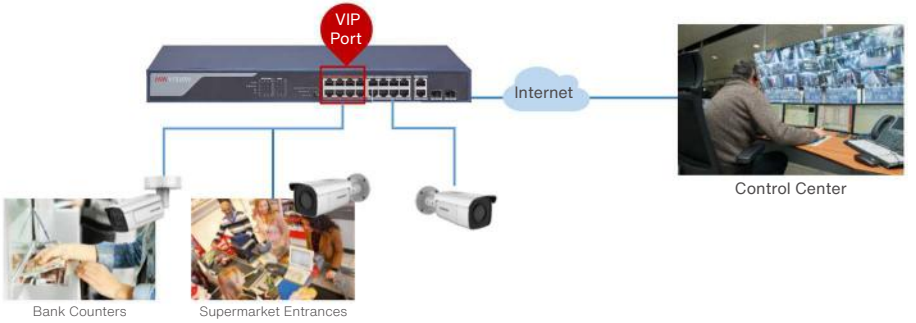
Smart Managed Switch

Hikvision smart managed switches help realize central and visualized management of all Hikvision IP devices with perfect integration with Hikvision software, providing comprehensive operation and maintenance capabilities based on a unified topology. Besides system topology, the network condition, device health status and alarm notification can also be displayed and managed in a visualized way, contributing to intelligent management and enhanced operation efficiency.



VIP Port Transmission Priority

- VIP ports enjoy higher priority and more stable transmission when the switch is overloaded.
- It s recommended to connect cameras in critical areas to VIP ports.



Cameras installed in critical areas

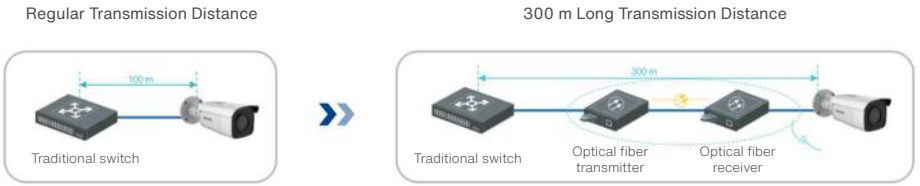
300 m Long Transmission Distance

- Turn on the Extend Mode to increase the transmission distance to 300 m.
- At 300 m transmission distance, the video is still smooth and stable.

Note:

-In Extend Mode, the bandwidth will drop to below 10 Mbps.

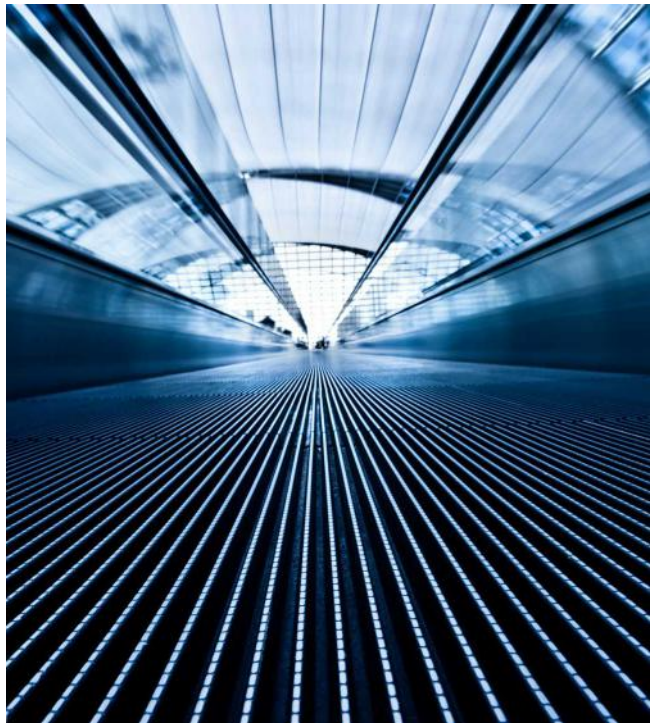
-CAT 6 cables support 300 m; CAT 5E cables support 250 m.



Ultra Series

Switch On for Powerful Transmission

- IP route and full wire-speed L3 data package forwarding
- IEEE802.1x, IP+MAC+port binding
- Link aggregation
- MPLS VPN P/PE, MPLS TE, and MPLS OAM
- IRF
- Multicast and QoS



L3 Series

Model		DS-3E3756TF	DS-3E3740
Image			
Interface	Ethernet Port	24, 10/100/1000M RJ45 ports 24, 1000M SFP ports	32 10/100/1000M Base-T ports+8 10G SFP+ ports
	Uplink Port	8 10G SFP ports	10G SFP+ ports
Performance	Packet Forwarding Rate	136Mbpps	136Mpps
	Switching Capacity	256Gbps	224Gbps
Managed Features	MAC Address Table	64K	64K
	Quality of Service	Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	It supports speed limit on port direction and direction.Supports 8 priority queues per port.Support mapping from message 802.1p to different queues. Support SP, WRR and SP+WRR algorithm. Support for message priority and message redirection. Support L2 (Layer 2) -L4 (Layer 4) packet filtering function, provide source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP protocol source/destination port number, protocol, VLAN packet filtering function Support functions based on queue speed limit and port shaping.
	STP	802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP) BPDU protection, root protection, and loopback protection	Support STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocol.
	Multicast	IGMP v1/v2/v3 IGMP snooping IGMP Fast Leave Multicast group strategy and quantity limitation Multicast flow copying over VLANs	Supports IGMP v1/v2/v3 Snooping and fast leave mechanism Supports multicast forwarding in VLAN and multicast multi VLAN replication Multicast load sharing supporting bundled ports Supports controllable multicast Port based multicast traffic statistics Supports IGMP v1/v2/v3, PIM-SM, PIM-DM, PIM-SSM
	VLAN	4K VLAN; GVRP; QinQ; Private VLAN	Supports IEEE 802.1Q (VLAN), the whole machine supports 4K VLAN Supports GVRP Supports QinQ Supports VLAN based on MAC/ protocol /IP subnet / policy / port Supports Private VLAN Supports 1:1 and N:1 VLAN Mapping functions
	Security	L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding	Supports 802.1x, support single port maximum user number limit Storm suppression Filter User level management and password protection Supports AAA authentication, supports Radius, TACACS+ and many other ways Supports 802.1X authentication, supports MAC authentication, and supports MAC bypass authentication Supports to prevent DOS, ARP attack function, ICMP anti attack Supports binding of IP, MAC, port and VLAN Supports MAC address learning limit Supports DHCP Snooping Supports port isolation, Sticky MAC Supports MAC address filtering Supports SSH V2.0 Supports multicast, broadcast and unknown unicast message suppression Supports CPU protection function
	Management and Maintenance	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON Static/LACP link aggregation EAPS and ERPS	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON
General	Power Supply	100-240 V AC, 50/60 Hz	AC, 100V-240V, 50Hz±10%
	Power Consumption	55W	<50W
	Dimension	442.5mm×350mm×44mm	442.5mm×315mm×44mm

Switches

Pro Series

Switch More

Aggregate access switches and provide powerful management functions.

- Layer 2, 100 M / 1,000 M network switch
- Unmanaged or managed functions
- 802.3af / at / bt PoE standard (on select models) and high PoE power budget
- 8/4-core adaptable power supply to drastically reduce power loss (on select models)
- Data from key cameras will be transmitted with priority to VIP ports (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- 6 KV surge protection ensures normal and reliable operation even in harsh conditions (on select models)
- Watchdog function enables automatic camera detection, reducing manual inspection and restart and contributing to a self-healing network (on select models)
- Smart managed switches can recognize IP devices and generate system topology for network information visualization

Unmanaged 1000M Series

Model		DS-3E0524TF	DS-3E0505-E	DS-3E0508-E(B)	DS-3E0516-E(B)	DS-3E0524-E(B)
Image						
Interface	Ethernet Port	12 x Gigabit Ethernet electrical ports , 12 x Gigabit SFP fiber optical port	5 x 1000M Ethernet port	8 x 1000M Ethernet port	16 x 1000M Ethernet port	24 x 1000M Ethernet port
	Uplink Port	-	-	-	-	-
	Lightning Protection	-	-	-	-	-
Performance	Packet Forwarding Rate	35.7 Mpps	7.44 Mpps	11.904 Mpps	23.808 Mpps	35.712 Mpps
	Switching Capacity	48 Gbps	10 Gbps	16 Gbps	32 Gbps	48 Gbps
	MAC Address Table	16 K	2 K	4 K	8 K	8 K
General	Power Supply	220 VAC	5 VDC , 1 A	5 VDC , 1 A	220 VAC , 50/60 Hz , Max. 0.3 A	220 VAC , 50/60 Hz , Max. 0.7 A
	Power Consumption	30 W	-	-	-	-
	Dimension	440 mm×44.5 mm×186.5 mm	103 mm × 25.6 mm × 61.1 mm	145 mm × 25.6 mm × 68.4 mm	257 mm × 44.5 mm ×175.8 mm	335 mm × 44.5 mm ×175.8 mm

Unmanaged 1000M POE Series

Model		DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E
Image					
Interface	Ethernet Port	4 × Gigabit PoE ports, and 1 × Gigabit RJ45 port	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port	16 × Gigabit PoE ports, 1 × Gigabit RJ45 port	24 × Gigabit PoE ports, 1 × Gigabit RJ45 port
	Uplink Port	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port
	High Priority Port (default)	-	-	-	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	60 W	110 W	230 W	370 W
	PoE Extend Mode	-	-	-	-
	Surge Protection	6 KV	6 KV	6 KV	6 KV
	Hi-PoE	-	-	-	-
Dialing function	Long range	-	-	-	-
	Port isolation	-	-	-	-
	PoE watchdog	-	-	-	-
Performance	Packet Forwarding Rate	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps
	Switching Capacity	10 Gbps	20 Gbps	36 Gbps	52 Gbps
	MAC Address Table	2 K	4 K	8 K	8 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	Power Consumption	65 W	120W	250 W	400 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Model		DS-3E0505HP-E	DS-3E0510HP-E	DS-3E0520HP-E	DS-3E0528HP-E
Image					
Interface	Ethernet Port	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE ports, 2 × gigabit Hi-PoE ports	12 × gigabit PoE ports, 4 × gigabit Hi-PoE ports,	20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports
	Uplink Port	1 × gigabit RJ45 port	1 × gigabit RJ45 port, and 1 × gigabit fiber optical port	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports
	High Priority Port (default)	-	-	-	-
	PoE Standards	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 16: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 24: IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	60 W	110 W	225 W	370 W
	PoE Extend Mode	Ports 3 and 4 support	Ports 7 and 8 support	Ports 13 to 16 support	Ports 21 to 24 support
	Surge Protection	6 KV	6 KV	6 KV	6 KV
	Hi-PoE	IEEE 802.3bt 60W	IEEE 802.3bt 90W	IEEE 802.3bt 90W	IEEE 802.3bt 90W
Dialing function	Long range	Ports 3 and 4: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 7 and 8: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 13 to 16: up to 300 m; and the speed rate of the port is 10 Mbps	Ports 21 to 24: up to 300 m; and the speed rate of the port is 10 Mbps
	Port isolation	Ports 1 to 4: port isolation mode to improve network security.	Ports 1 to 8: port isolation mode to improve network security.	Ports 1 to 16: port isolation mode to improve network security.	Ports 1 to 24: port isolation mode to improve network security.
	PoE watchdog	Ports 1 to 4: auto detect and restart the cameras that do not respond.	Ports 1 to 8: auto detect and restart the cameras that do not respond.	Ports 1 to 16: auto detect and restart the cameras that do not respond.	Ports 1 to 24: auto detect and restart the cameras that do not respond.
Performance	Packet Forwarding Rate	7.44 Mpps	14.88 Mpps	29.76 Mpps	41.664 Mpps
	Switching Capacity	10 Gbps	20 Gbps	40 Gbps	56 Gbps
	MAC Address Table	2 K	4 K	8 K	8 K
General	Power Supply	48 VDC, 1.35 A	54 VDC, 2.22 A	100 to 240 VAC, 50/60Hz, Max. 4 A	100 to 240 VAC, 50/60Hz, Max. 6.5 A
	Power Consumption	65 W	120 W	250 W	400 W
	Dimension	121 mm × 88.1 mm × 27.6 mm	217.6 mm × 108.55 mm × 27.8 mm	440 mm × 220.8 mm × 44 mm	440 mm × 220.8 mm × 44 mm

Full Managed Series

Model		DS-3E2310P	DS-3E2318P	DS-3E2326P	DS-3E2528P	DS-3E2510P	DS-3E2528
Image							
Interface	Ethernet Port	8 x 10/100Mbps RJ45 ports	16 x 10/100Mbps RJ45 ports,	24 x 10/100Mbps RJ45 ports,	24 x 10/100M/1000M RJ45 ports	8 x 10/100/1000M RJ45 ports	24 x 10/100/1000Base-T ports
	Uplink Port	2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)	2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)	2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)	4 x 1000Base-X SFP ports	2 x 1000Base-X SFP ports	4 1000Base-X SFP ports
	High Priority Port (default)	-	-	-	-	-	-
	POE Standards	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE802.3af, IEEE802.3at	IEEE802.3af, IEEE802.3at	-
	PoE Ports	Ports 1-8	Ports 1-16	Ports 1-24	Ports 1-24	Ports 1-8	-
	PoE Budget	125W	300W	380W	380W	125W	-
	PoE Extend Mode	-	-	-	-	-	-
	Lightning Protection	2KV	2KV	2KV	2KV	2KV	-
Performance	Packet Forwarding Rate	5.6Mpps	8.4Mpps	9.6Mpps	42Mpps	15Mpps	42Mpps
	Switching Capacity	10Gbps	21.2Gbps	22.8Gbps	56Gbps	20Gbps	56Gbps
	MAC Address Table	8K	8K	8K	8K	8K	8K
Managed Features	Quality of Service	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping
	L2 and L2+ Features	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	Flow classification based on L2-4 protocols L2/L3/L4 ACL flow identification and filtration control L2-L7 data, providing carriers flexible and various policy control methods L2 multicast functions such as IGMP-snooping, user fast-leave mechanism and trans-vlan multicast copy
	VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN
	Security	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding	L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding	L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding
	Management and Maintenance	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON
General	Power Supply	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100V-240VAC, 50Hz±10%	100V-240VAC, 50Hz±10%	AC: 100V-240V, 50Hz±10%
	Power Consumption	140W	330W	400W	395W	140W	15W
	Dimension	280 mm × 179 mm × 45 mm	440 mm × 232 mm × 44 mm	440 mm × 232 mm × 44 mm	440 mm × 45 mm × 232 mm	280 mm × 45 mm × 179 mm	440 mm × 45 mm × 230 mm

Model		DS-3E0106HP-E	DS-3E0310HP-E	DS-3E0105P-E(B)	DS-3E0109P-E(C)	DS-3E0318P-E(B)	DS-3E0326P-E(B)
Image							
Interface	Ethernet Port	1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports	1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports	4 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	8 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	16 × 100 Mbps PoE ports, 2 × 1000 Mbps combos	24 × 100 Mbps PoE ports, 2 × 1000 Mbps combos
	Uplink Port	2 × 10/100 Mbps RJ45 uplink ports	2 × 10/100/1000 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	2 ×1000 Mbps Combos uplink ports	2 ×1000 Mbps Combos uplink ports
	High Priority Port (default)	Ports 1 to 2	-	Ports 1 to 2	Ports 1 to 2	Ports 1 to 8	Ports 1 to 8
	PoE Standards	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 8: IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Port 1 to 4	Port 1 to 8	Port 1 to 4	Port 1 to 8	Port 1 to 16	Port 1 to 24
	PoE Budget	60 W	110 W	60 W	115 W	230 W	370 W
	Hi-PoE	IEEE 802.3bt 60W	IEEE 802.3bt 60W	-	-	-	-
	PoE Extend Mode	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m
	Surge Protection	6 KV	6 KV	6 KV	6 KV	6 KV	6 KV
	Long range	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission
Dialing function	Port isolation	-	-	-	-	-	-
	PoE watchdog	-	-	-	-	-	-
Performance	Packet Forwarding Rate	0.893 Mpps	4.166 Mpps	0.744 Mpps	1.339 Mpps	5.356 Mpps	6.547 Mbits
	Switching Capacity	1.2 Gbps	5.6 Gbps	1 Gbps	1.8 Gbps	7.2 Gbps	8.8 Mpps
	MAC Address Table	2 K	16 K	1 K	2 K	4 K	4 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	Power Consumption	65 W	120 W	65 W	120 W	250 W	400 W
	Dimension	145 mm × 25.6 mm × 68.45 mm	217.6 mm × 27.8 mm × 103.35 mm	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Industrial Grade POE Series

Model		DS-3T0306P	DS-3T0310P	DS-3T0306HP-E/HS
Image				
Standards		IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at
Interface	Ethernet Port	4 100M Base-T ports+2 1000Base-X ports	8 100M Base-T ports+2 1000Base-X ports	3 × 100M PoE ports, 1 × Hi-PoE port
	Uplink Port	2 1000Base-X SFP ports	2 1000Base-X SFP ports	1 × gigabit RJ45 port and 1 × gigabit SFP Fiber Optical Port
	High Priority Port (default)	-	-	-
	PoE Budget	120w	240w	60 W
	PoE Extend Mode	-	-	Max. 300 m
	PoE Ports	Port 1 to 4	Port 1 to 8	Ports 1 to 4
	Hi-PoE	-	-	IEEE 802.3bt 60W
	Surge Protection	6KV	6KV	6KV
Dialing function	Long range	-	-	Ports 3 and 4: up to 300 m
	Port isolation	-	-	Ports 1 to 4: port isolation mode to improve network security
	PoE watchdog	-	-	Ports 1 to 4: auto detect and restart the cameras that do not respond
Performance	Packet Forwarding Rate	3.6Mpps	4.2Mpps	3.5712 Mpps
	Switching Capacity/ Backplane	8.8Gbps	8.8Gbps	4.8 Gbps
	MAC Address Table	4K	4K	2 K
Managed Features	Quality of Service	-	-	-
	L2 and L2+ Features	-	-	-
	VLAN	-	-	-
	Security	-	-	-
	Management and Maintenance	-	-	-
General	Power Supply	DC:44-57VDC		48 to 57 VDC, 1.35 A Max
	Power Requirements (max.)	-	-	65 W
	Dimension	155 mm x 130 mm x 42 mm	170 mm x 156 mm x 42 mm	158 mm × 101.2 mm × 31.6 mm
	Environment	Operating temperature / humidity: -40°C-75°C, 5%-95% non-condensing Storage temperature / humidity: -40°C-85°C, 5%-95% non-condensing		Operating temperature / humidity: -30 °C to 65 °C (-22 °F to 149°F), 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C (-40 °F to 185 °F), 5%-95% non-condensing
	Protection Grade	IP40		-
	EMI	FCC 47 CFR Part 15 Class A EN55022 Class A		FCC 47 CFR Part 15 Class A EN55022 Class A
	EMS	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4 IEC (EN)61000-4-12, Class 4		IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4

Model		DS-3T0310HP-E/HS	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
Image				
Standards		Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at
Interface	Ethernet Port	6 × 100M PoE ports, 2 × Hi-PoE port	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE RJ45 ports, 2 × gigabit Hi-PoE RJ45 ports
	Uplink Port	1 × gigabit RJ45 port and 1 × gigabit SFP fiber optical port	2 × gigabit SFP fiber optical ports	2 × gigabit SFP fiber optical ports
	High Priority Port (default)	-	-	-
	PoE Budget	110 W	60 W	110 W
	PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 300 m
	PoE Ports	Ports 1 to 8	Ports 1 to 4	Ports 1 to 8
	Hi-PoE	IEEE 802.3bt 90W	IEEE 802.3bt 60W	IEEE 802.3bt 90W
	Surge Protection	6KV	6KV	6KV
Dialing function	Long range	Ports 7 and 8: up to 300 m	Ports 3 and 4: up to 300 m	Ports 7 and 8: up to 300 m
	Port isolation	Ports 1 to 8: port isolation mode to improve network security	Ports 1 to 4: port isolation mode to improve network security	Ports 1 to 8: port isolation mode to improve network security
	PoE watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond	Ports 1 to 4: auto detect and restart the cameras that do not respond	Ports 1 to 8: auto detect and restart the cameras that do not respond
Performance	Packet Forwarding Rate	4.1664 Mpps	8.928 Mpps	14.88 Mpps
	Switching Capacity/ Backplane	5.6 Gbps	22 Gbps	20 Gbps
	MAC Address Table	2 K	4 K	4 K
Managed Features	Quality of Service	-	-	-
	L2 and L2+ Features	-	-	-
	VLAN	-	-	-
	Security	-	-	-
	Management and Maintenance	-	-	-
General	Power Supply	48 to 57 VDC, 2.5 A Max	48 to 57 VDC, 1.35 A Max	48 to 57 VDC, 2.5 A Max
	Power Requirements (max.)	120 W	65 W	120 W
	Dimension	197 mm × 114.2 mm × 42.2 mm	158 mm × 101.2 mm × 31.6 mm	197 mm × 114.2 mm × 42.2 mm
	Environment	Operating temperature / humidity: -30 °C to 65 °C (-22 °F to 149 °F), 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C (-40 °F to 185 °F), 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C (-22 °F to 149 °F), 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C (-40 °F to 185 °F), 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C (-22 °F to 149 °F), 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C (-40 °F to 185 °F), 5%-95% non-condensing
	Protection Grade	-	-	-
	EMI	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A
	EMS	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4

Smart Managed Seriesa

Model		DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI	DS-3E1310P-SI
Image						
Interface	Ethernet Port	4 × 100Mbps PoE RJ45 ports	8 × 100Mbps PoE RJ45 ports	16 × 100Mbps PoE RJ45 ports	24 × 100Mbps PoE RJ45 ports	8 × 100 Mbps PoE RJ45 port
	Uplink Port	1 × 100Mbps network RJ45 port	1 × gigabit network RJ45 port	2 × gigabit combos	2 × gigabit combos	2 × gigabit combo
	High Priority Port (default)	-	-	Ports 1 to 8	Ports 1 to 8	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24	Ports 1 to 8
	PoE Budget	60 W	110 W	230 W	370 W	125 W
	Hi-PoE	-	-	-	-	-
	PoE Extend Mode	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 300 m
	Surge Protection	6KV	6KV	6KV	6KV	6KV
Dialing function	Long range	Ports 1 to 4: up to 250 m transmission	Ports 1 to 8: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 24: up to 250 m transmission	Ports 1 to 8: up to 300 m transmission
	Port isolation	-	-	-	-	Ports in isolation group cannot communicate with each other
	PoE watchdog	-	-	-	-	Ports 1 to 8 auto detect and restart the cameras that do not respond.
Performance	Packet Forwarding Rate	0.744 Mpps	2.6784 Mpps	5.3568 Mpps	6.5472 Mpps	4.1664 Mpps
	Switching Capacity	1 Gbps	3.6 Gbps	7.2 Gbps	8.8 Gbps	5.6 Gbps
	MAC Address Table	2 K	16 K	4 K	4 K	16 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100-240 VAC, 50/60Hz, Max. 2.5 A	100-240 VAC, 50/60Hz, Max. 6.5 A	100 VAC-240 VAC, 50/60 Hz, Max. 1.5 A
	Power Consumption	65 W	120 W	250 W	400 W	5 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 221 mm	266 mm × 44.5 mm × 220.8 mm

Model		DS-3E1318P-SI	DS-3E1326P-SI	DS-3E1510P-SI	DS-3E1518P-SI	DS-3E1526P-SI
Image						
Interface	Ethernet Port	16 × 100 Mbps PoE RJ45 port	24 × 100 Mbps PoE RJ45 port	8 × gigabit PoE ports	16 × gigabit PoE ports	24 × gigabit PoE ports
	Uplink Port	2 × gigabit combo	2 × gigabit combo	2 × gigabit fiber optical ports	2 × gigabit fiber optical ports	2 × gigabit fiber optical ports
	High Priority Port (default)	Ports 1 to 8	Ports 1 to 8	-	-	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 16	Ports 1 to 24	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	230 W	370 W	110W	225W	370W
	Hi-PoE	-	-	-	-	-
	PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 300 m	Max. 300 m	Max. 300 m
	Surge Protection	6KV	6KV	6KV	6KV	6KV
Dialing function	Long range	Ports 1 to 16: up to 300 m transmission	Ports 1 to 24: up to 300 m transmission	Ports 1 to 8: up to 300 m transmission	Ports 1 to 16: up to 300 m transmission	Ports 1 to 24: up to 300 m transmission
	Port isolation	Ports in isolation group cannot communicate with each other	Ports in isolation group cannot communicate with each other	Ports in isolation group cannot communicate with each other	Ports in isolation group cannot communicate with each other	Ports in isolation group cannot communicate with each other
	PoE watchdog	Ports 1 to 16 auto detect and restart the cameras that do not respond.	Ports 1 to 24 auto detect and restart the cameras that do not respond	Ports 1 to 8 auto detect and restart the cameras that do not respond	Ports 1 to 16 auto detect and restart the cameras that do not respond	Ports 1 to 24 auto detect and restart the cameras that do not respond
Performance	Packet Forwarding Rate	5.3568 Mpps	6.5472 Mpps	14.88 Mpps	26.784 Mpps	36.688 Mpps
	Switching Capacity	7.2 Gbps	" 8.8 Gbps"	20 Gbps	36 Gbps	52 Gbps
	MAC Address Table	16 K	16 K	8 K	8 K	8 K
General	Power Supply	" 100 VAC-240 VAC, 50/60 Hz, Max. 2.5 A"	100 VAC-240 VAC, 50/60 Hz, Max. 6.5 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	Power Consumption	5 W	5 W	7 W	25 W	30 W
	Dimension	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 221 mm	217.6 mm × 108.55 mm × 27.8 mm	440 mm × 220.8 mm × 44 mm	440 mm × 221 mm × 44 mm

Switches

Value Series

Switch On and Stay On

Provide stable power supply and data transmission for cameras.

- Layer 2, 100 M / 1,000 M network switch
- Plug and play
- 802.3 af / at PoE standard (on select models)
- 8/4-core adaptable power supply drastically reduces power loss (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- Intelligent power sequencing prevents random power loss for cameras and prolongs service life of switches (on select models)
- Increased bandwidth enables stable transmission of larger amount of data

Economic Unmanaged POE Series

Model		DS-3E0105P-E/M(B)	DS-3E0106P-E/M	DS-3E0109P-E/M(B)	DS-3E0310P-E/M	DS-3E0318P-E/M(B)	DS-3E0326P-E/M(B)
Image							
Interface	Ethernet Port	4 x 100M PoE ports, 1 x 100M Ethernet port.	4 x 10/100Mbps PoE ports	8 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	8 × 10/100Mbps PoE ports	16 × 100 Mbps PoE ports, 1 × 1000 Mbps RJ45 port	24 × 100 Mbps PoE ports, 1 × 1000 Mbps RJ45 port
	Uplink Port	1 x 100M RJ45 uplink port	2 × 10/100Mbps RJ45 ports	1 x 100M RJ45 uplink port	2 × Gigabit RJ45 ports	1 x 1000M RJ45 uplink port and 1 × 1000 Mbps SFP fiber optical port	1 x 1000M RJ45 uplink port and 1 × 1000 Mbps SFP fiber optical port
	High Priority Port (default)	Port 1 to 2	Port 1 to 2	Port 1 to 2	-	Port 1 to 8	Port 1 to 8
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 4	Ports 1 to 8	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	35 W	35W	60 W	60 W	130 W	230 W
	Hi-PoE	-	-	-	-	-	-
	PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 300 m	Max. 300 m	Max. 300 m	Max. 300 m
	Lightning Protection	6 KV	6KV	6 KV	6KV	6 KV	6 KV
Dialing function	Long range	Ports 1 and 4: up to 250 m	Ports 1 and 4: up to 300 m	Ports 1 and 8: up to 250 m	Ports 1 and 8: up to 300 m	Ports 9 and 16: up to 250 m	Ports 17 and 24: up to 250 m
	Port isolation	-	-	-	-	-	-
	PoE watchdog	-	-	-	-	-	-
Performance	Packet Forwarding Rate	0.744 Mpps	0.8928 Mpps	1.339 Mpps	4.1664 Mpps	5.356 Mpps	6.547 Mpps
	Switching Capacity	1 Gbps	1.6 Gbps	1.8 Gbps	5.6 Gbps	7.2 Gbps	8.8 Gbps
	MAC Address Table	1 K	4K	2 K	16 K	4 K	4 K
General	Power Supply	48 VDC, Max. 0.8 A	48V 0.8A	48 VDC, Max. 1.35 A	48 VDC, 1.35 A	100 to 240 VAC, 50/60 Hz, Max. 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A
	Power Consumption	38 W	38W	65 W	65W	150 W	250 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	145 mm × 68.45 mm × 25.6 mm	170 mm × 27.6 mm × 93.1 mm	217.6 mm × 103.35 mm × 27.8 mm	266 mm × 44.5 mm × 220.8 mm	335 mm × 44.5 mm × 226 mm

Unmanaged 1000M PoE Series

Model		DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E
Image					
Interface	Ethernet Port	4 × Gigabit PoE ports, and 1 × Gigabit RJ45 port	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port	16 × Gigabit PoE ports, 1 × Gigabit RJ45 port	24 × Gigabit PoE ports, 1 × Gigabit RJ45 port
	Uplink Port	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port
	High Priority Port (default)	-	-	-	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	60 W	110 W	230 W	370 W
	Hi-PoE	-	-	-	-
	PoE Extend Mode	6 KV	6 KV	6 KV	6 KV
	Lightning Protection	-	-	-	-
Dialing function	Long range	-	-	-	-
	Port isolation	-	-	-	-
	PoE watchdog	-	-	-	-
Performance	Packet Forwarding Rate	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps
	Switching Capacity	10 Gbps	20 Gbps	36 Gbps	52 Gbps
	MAC Address Table	2 K	4 K	8 K	8 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	Power Consumption	65 W	120W	250 W	400 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Unmanaged Desktop Series

Model		DS-3E0105D-E	DS-3E0108D-E	DS-3E0505D-E	DS-3E0508D-E
Image					
Interface	Ethernet Port	5 × 10/100 Mbps RJ45 ports	8 × 10/100 Mbps RJ45 ports	5 × 10/100/1000 Mbps RJ45 ports	8 × 10/100/1000 Mbps RJ45 ports
	Uplink Port	-	-	-	-
	Lightning Protection	-	-	-	-
Performance	Packet Forwarding Rate	0.744 Mpps	1.1904 Mpps	7.44 Mpps	11.904 Mpps
	Switching Capacity	1 Gbps	1.6 Gbps	10 Gbps	16 Gbps
	MAC Address Table	1 K	1 K	2 K	4 K
General	Power Supply	5 VDC, 0.6 A	5 VDC, 0.6 A	5 VDC, 0.6 A	9 VDC, 0.6 A
	Power Consumption	-	-	-	-
	Dimension	82 mm × 52 mm × 22.4 mm	124 mm × 59 mm × 23.2 mm	92.8 mm × 65.8 mm × 22.8 mm	142 mm × 90 mm × 23 mm

Cables

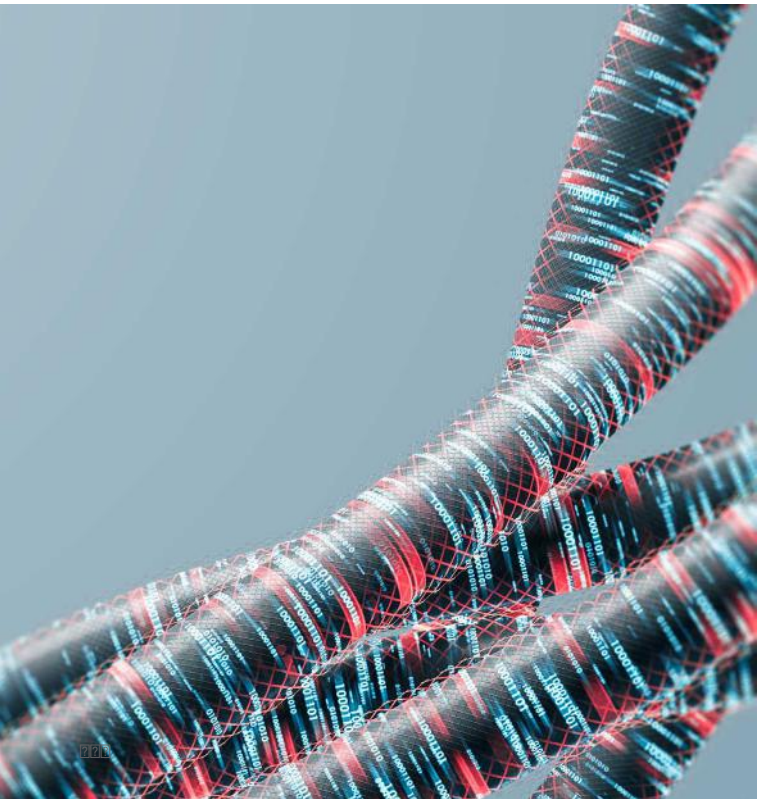
184 Coaxial Cables

185 Network Cables

Cables

Coaxial Cables

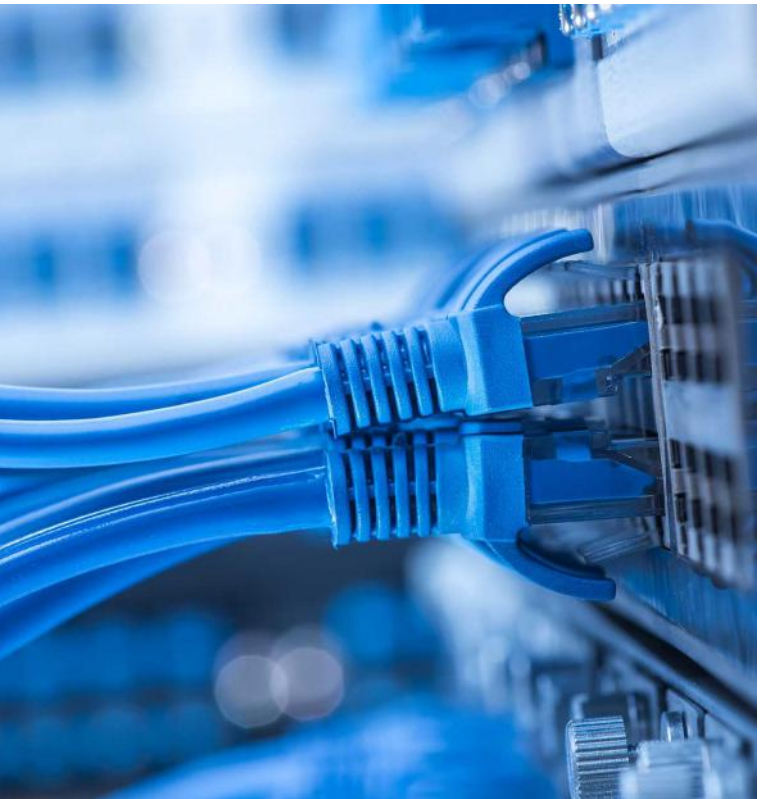
- Excellent transmission performance for analog signal
- Oxygen-free copper conductor
- High braiding density with aluminum foil
- VW-1 Rating(Part of UL) flame resistance
- High anti-interference ability
- Full diameter and full length



Model		DS-1LC1SCA2C-200B	DS-1LC1SCA-200B
Image			
Conductor	Material	Solid Copper	Solid Copper
	Wire Gauge	20AWG	20AWG
	Diameter	0.81 ± 0.01 mm	0.81 ± 0.01 mm
Insulation	Material	FPE	FPE
	Diameter	3.66 ± 0.05 mm	3.66 ± 0.05 mm
Tape	Material	Shielding Aluminum Foil, 15 mm width	Shielding Aluminum Foil, 15 mm width
	Thickness	0.04 mm	0.04 mm
Braid	Material	CCA(Copper-clad Aluminum)	CCA(Copper-clad Aluminum)
	Braiding Standard	8*16*0.12 mm	8*16*0.12 mm
	Braiding Density	95±1%	95±1%
Jacket	Material	PVC	PVC
	Average Thickness	≥ 0.65 mm	≥ 0.65 mm
	Diameter	6.10 ± 0.2 mm	6.10 ± 0.2 mm
Impedance		75 ohms	75 ohms
General			
Length		200 m	200 m
Color		Black	Black
Operating Temperature		-40 to 80°C	-40 to 80°C
Storage Temperature		-20 to 70°C	-20 to 70°C
Power Cable			
Conductor	Material	Solid copper	-
	Quantity	2	-
	Diameter	7 * 0.385 ± 0.01 mm	-
Insulation	Material	PE (Flame Retardant)	-
	Diameter	1.8 ± 0.1 mm	-
Jacket	Material	PVC	-
	Average Thickness	≥ 0.3 mm	-

Network Cables

- 99.95% Cu purity ensures higher conductivity with lower signal transmission attenuation
- 0.565 mm wire diameter provides more stable transmission with reduced resistance
- Flame-retardant sheathing resists fire, stretching, and aging
- Precise twisting technology improves transmission fluidity



Model		DS-1LN5E-S	DS-1LN6-UU
Image			
Test Standard		ISO/IEC11801,TIA-568-C.2, YD/T1019	ISO/IEC11801,TIA-568-C.2, YD/T1019
Conductor	Material	Solid-Bare Copper	SOLID-Bare Copper
	Nom.O.D.	0.500 ± 0.005 mm	0.565 ± 0.005 mm
Insulation	Material	HDPE	HDPE
	Diameter	0.88 ± 0.03 mm	1.02 ± 0.03 mm
Sheath	Thickness	0.50 ± 0.05 mm	0.55 ± 0.05 mm
	External O.D.	5.0 ± 0.4 mm	6.2 ± 0.4 mm
	Surface	Clean,Frap,Satiation	Clean,Frap,Satiation
	Material	PVC,CM	PVC,CM
	Color	Multiple	Multiple
Core Color		1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
Packing		Wooden Tray & Carton	Wooden Tray & Carton
Carton Dimension		Per request	Per request
Packing Length		(305 ± 1.5) m	(305 ± 1.5) m
Rip-cord		Yes	Yes
Sheath Physical Properties		Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150	Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150
		Aging Period(°C×hrs) 100°C×24h×10d	Aging Period(°C×hrs) 100°C×24h×10d
		After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125
		Cold bend(-20±2°C×4h) 8×Cable O.D.,No visible cracks	Cold bend(-20±2°C×4h) 8×Cable O.D.,No visible cracks
Electrical Characteristics		1.0-100.0 MHz Impedance(Ω) 100±15	1.0-250.0MHz Impedance (Ω) 100±15
		1.0-100.0 MHz Delay Shew (ns/100m) ≤45	1.0-250.0 MHz Delay Skew (ns/100m) ≤45
		DC Resistance(Ω/100m) max 9.5	DC Resistance (Ω/100m) max 9.38
		DC Conductor Resistance Unbalance(%) max 5.0	DC Conductor Resistance Unbalance (%) max 5.0
Ambient temperature		-20°C to 75°C	20°C to 75°C

Model		DS-1LN5E-E/E	DS-1LN6-UE-W	DS-1LN5EO-UU/E	DS-1LN5EU-SCO	DS-1LN6U-SCO
Image						
Test Standard		ISO/IEC11801, TIA-568-C.2, YD/T1019	ISO/IEC11801, TIA-568-C.2 , YD/T1019	ANSI/TIA-568-C.2	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0
Conductor	Material	SOLID-Bare Copper	SOLID-Bare Copper	Solid-Bare Copper	Solid-Bare Copper	Solid-Bare Copper
	Nom.O.D.	0.450 ± 0.005 mm	0.530 ± 0.005 mm	0.500 ± 0.01 mm	0.500 ± 0.005 mm	0.55 ± 0.005 mm
Insulation	Material	HDPE	HDPE	HDPE	HDPE	HDPE
	Diameter	0.82 ± 0.03 mm	0.95 ± 0.03 mm	0.88±0.03mm	0.88 ± 0.04 mm	0.98 ± 0.05 mm
	Thickness	0.50 ± 0.05 mm	0.55 ± 0.05 mm	0.55±0.03 mm	0.50 ± 0.05 mm	0.50 ± 0.10 mm
Sheath	External O.D.	4.7 ± 0.4 mm	5.8 ± 0.4 mm	5.0±0.3 mm	5.00 ± 0.4 mm	6.00 ± 0.30 mm
	Surface	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation
	Material	PVC,CM	PVC,CM	PE	PVC	PVC
	Color	Grey ZLC1003	White	Black	Gray	Orange
Core Color		1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
Packing		Wooden Tray & Carton	Wooden Tray & Carton	Wooden Tray & Carton	Wooden Tray & Carton	Wooden Tray & Carton
Carton Dimension		Per request	Per request	Per request	Per request	Per request
Packing Length		(305 ± 1.5) m	(305 ± 1.5) m	(305±0.5)m	(305 ± 1.5) m	(305 ± 1.5) m
Rip-cord		Yes	Yes	Yes	Yes	Yes
Sheath Physical Properties		Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150	Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150	Before Aging Tensile Strength (Mpa) ≥ 10 Elongation(%) ≥300	Before aging Tensile strength (Mpa)≥ 13.5 Elongation (%)≥ 150	Before aging Tensile strength (Mpa)≥ 13.5 Elongation (%)≥ 150
		Aging Period(°C×hrs) 100°C×24h×10d	Aging Period(°C×hrs) 100°C×24h×10d	Aging Period(°C×hrs) 100°C×24h×10d	Aging Period(°C×hrs) 100°C×24h×10d	Aging Period(°C×hrs) 100°C×24h×10d
		After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	After aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	After aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125"
		Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks	Cold bend(-20±2°C×4h) 8×Cable O.D., No visible cracks
Electrical Characteristics		1.0-100.0 MHz Impedance(Ω) 100±15	1.0-250.0 MHz Impedance (Ω) 100±15	1.0-100.0 MHz Impedance(Ω) 100±15	1.0-250.0 MHz Impedance ((Ω) 100±15	1.0-250.0 MHz Impedance ((Ω) 100±15"
		1.0-100.0 MHz Delay Shew (ns/100m) ≤45	1.0-250.0 MHz Delay Skew (ns/100m) ≤45	1.0-100.0MHz Delay Skew (ns/100m) 552	1.0-100.0 MHz Delay Shew (ns/100m) ≤45	"1.0-100.0 MHz Delay Shew (ns/100m) ≤45"
		DC Resistance(Ω/100m) max 14.8	DC Resistance (Ω/100m) max 9.38	DC Resistance(Ω/100m) max 9.5	DC Resistance(Ω/100m) max 9.5	DC Resistance(Ω/100m) max 9.38"
		DC Conductor Resistance Unbalance(%) max 5.0	DC Conductor Resistance Unbalance (%) max 5.0	DC Conductor Resistance Unbalance (%) max 2.0	DC Conductor Resistance Unbalance(%) max 5.0	DC Conductor Resistance Unbalance(%) max 5.0
Ambient temperature		-20°C to 70°C	-20°C to 75°C	-20°C to 60°C	-20°C to 75°C	-20°C to 75°C

Controller & Transmission

188 Keyboards

190 Wireless Bridges

Keyboards

Control at Your Fingertips

- Connection via network, RS485, or USB port
- PTZ control via joystick
- Access to Hikvision products, including DVRs, NVRs, IP cameras, Decoders, etc.

DS-10XX

Model		DS-1006KI	DS-1005KI	DS-1200KI	DS-1100KI(B)	DS-1600KI(B)
Image						
System	Operating System	-	-	-	-	Android
	Compatible System	-	Window XP/7/8/8.1	-	-	-
	LCD screen	128 x 64 pixel screen	-	128 x 64 pixel screen	7" TFT LCD monitor with touch panel, Resolution: 1024 × 600	1280×800
	Joystick	4-axis joystick	3-axis control, rotating zoom	4-axis joystick	4-axis joystick	4-axis joystick
	Control Mode	RS-232, RS-422, RS-485	-	Network, RS-232, RS-422, RS-485	IP-based	IP-based
	Local Decoding	-	-	-	-	Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution, and up to 16-division window display
Interfaces	Audio Input	-	-	-	1-ch, 3.5 mm connector (2.0 Vp-p, 1 kΩ)	1-ch, 3.5 mm connector (2.0Vp-p, >1kΩ)
	Audio Output	-	-	-	1-ch, 3.5 mm connector (Linear, 560 Ω)	1-ch, 3.5 mm connector (2.0 Vp-p, 600 Ω)
	Network Interface	-	-	1; 10 M/100 Mbps self-adaptive Ethernet interface	1 10M/100M/1000M Ethernet interface	10M/100M/1000M Adaptive Ethernet port
	Wi-Fi	-	-	-	-	Supported
	Serial Interface	1 RS-232, 1 RS-422, 1 RS-485	-	1 RS-232, 1 RS-422, 1 RS-485	1 RS-232 interface,1 RS-485 interface	-
	Video Interface	-	-	-	-	HDMI, DVI
	USB Interface	1 × USB 2.0	1 x USB 2.0, DirectX	1 × USB 2.0	1 x USB2.0 (for data storage and device upgrade)	2 x USB 2.0
General	Power Supply	12 VDC	5 VDC via USB	12 VDC	12 VDC	12 VDC /POE
	Power Consumption	≤ 4.5 W	≤ 5W	≤ 4.5 W	≤ 15W	≤15W
	Working Temperature	-10 to +55° C (14 to 131° F)	-10°C ~ 55°C (14°F ~ 131°F)	-10 to +55° C (14 to 131° F)	-10°C ~ 55°C (14°F ~ 131°F)	-10°C ~+55°C
	Working Humidity	10% to 90%	10%-90% (Non-condensing)	10% to 90%	10% ~ 90%	10%-90%
	Dimension (W × D × H)	435 × 193 × 110 mm	167×177.5×116mm	435 × 193 × 110 mm	435 × 193 × 110 mm	404 × 180 × 163 mm
	Weight	≤ 1 kg (2.2 lb)	-	≤ 1 kg (2.2 lb)	2 kg (4.4 lb)	1.7 kg

Wireless Bridges

Slick and Stylish Communications

Wireless Bridges create cordless communication between two or more networks.

- High performance 802.11n 2×2 MIMO chip
- TDMA, intelligent rate control, Auto ACK Time-out adjust
- Unique RF and antenna design
- Web-based operation selection makes installation and setup much easier

DS-3WFXX

Model		DS-3WF0AC-2NT	DS-3WF01C-2N	DS-3WF01C-2N/O	DS-3WF02C-5N/O	DS-3WF03C
Image						
Wireless	Standard	IEEE 802.11 b/g/n	IEEE802.11 b/g/n(2T2R 300Mbps)	IEEE 802.11 b/g/n	IEEE802.11 a/n	IEEE802.11 a/n (2T2R 300 Mbps)
	Operation Frequency	2412-2472 MHz	2412 to 2472 MHz	2.4 GHz	5180-5825 MHz	5165 to 5825 MHz
	Modulation Mode	-	-	-	-	802.11 a/n: OFDM
	Antenna	Internal, Gain 8 dBi, Horizontal: 60° Vertical: 30°	Internal, 6dBi, H: 65° V: 60°	Internal, Gain: 12 dBi, Horizontal: 60° Vertical: 30°	Gain: 10 dBi, H: 60°, V: 16°	Internal, Gain 15dBi, H:40° V:15°
	Max Output Power	20 dBm	27dBm	27 dBm	24 dBm	27dBm
	Receive Sensitivity	-92±1.5 dBm@1 Mbps, -72±1.5 dBm@ MSC7	-72dBm@65Mbps, -97dBm@1Mbps	-96±1.5 dBm@1 Mbps, -72±1.5 dBm@ MCS7	-85 dBm@MCS0, -67 dBm@MCS7	-74dBm@65Mbps, -96dBm@6Mbps
	Max Transmission Rate	300 Mbps	11n: 300Mbps(HT40)/130Mbps(HT20) 11g: 54Mbps	150 Mbps	300 Mbps	11n: 300Mbps(HT40)/130Mbps(HT20) 11a: 54Mbps
Hardware	Power Supply	12 V/1 A passive PoE or 12 V/1 A DC	48V/0.25A PoE or 12 VDC	12 V/1 A Passive PoE	24 V/0.5 A Passive PoE	24V/0.5A PoE
	Interface	10/100 M Base-TX × 1	3×10/100M Base-TX (Cat. 5/5E, RJ45) ports	10/100 Mbps Base-TX × 2	10/100 Mbps Base-TX × 2	PoE×1+LAN×1
	Operation Temperature	-30°C ~ 55°C (-22°F ~131°F)	-30°C to +65°C(-22° F to +149° F)	-30°C ~ 60°C (-22°F ~140°F)	-30°C ~75°C (-22°F ~167°F)	-30°C to +75°C (-22° F to +167° F)
	Storage Temperature	-30°C ~ 55°C (-22°F ~131°F)	-40°C to +85°C(-40° F to +185° F)	-30°C ~ 70°C (-22°F ~158°F)	-40°C ~85°C (-40°F ~185°F)	-40°C to +85°C (-40° F to +185° F)
	Operation Humidity	10% - 90% RH (non-condensing)	5% to 95%RH non-condensing	10% - 90% RH (non-condensing)	5%-95%RH non-condensing	5% to 95%RH non-condensing
	Dimensions	193.5 mm × 80 mm × 67.5 mm	150 mm × 150 mm × 31.6 mm (5.9 × 5.9 × 1.24 inch)	270 mm × 94.86 mm × 67.5 mm	200 mm × 98.8 mm × 45.5 mm (7.9 × 3.9 × 1.8 in)	270 mm × 40 mm × 88 mm (10.6 × 1.57 × 3.46 inch)
	Encryption	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	802.1x/WPA-PSK/WPA2-PSK
	Network Mode	-	Router/Bridge	-	-	Router/Bridge
	Operation Mode	-	-	-	-	Access Point, Station, WDS Access Point, WDS Station
	Security	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden, Interface Isolation	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden
	Network Protocol	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	TDMA	-	Support (Extend private communication protocol)	Support (Extend private communication protocol)	-	Support (Avoid 802.11 hiddennode problems, and improve point-to-multi-point performance)
	Auto ACK Timing Adjust	-	Support	-	-	Support
	Management and Logs	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC	NTP, Syslog, SNMP	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC
	Web Based Configuration	Support	Support	Support	Support	Support
	Firmware Update	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page
	Bandwidth	20 M/40 MHz	20M/40MHz	20 M/40 MHz	20 M/40 MHz	5M/10M/20M/40MHz

Software

193 Hik-ProConnect

Hik-ProConnect

Convergent Security Service Solution

Boost managed security service
with peace-of-mind.

Hik-ProConnect (for Installer)
Scan and download the app

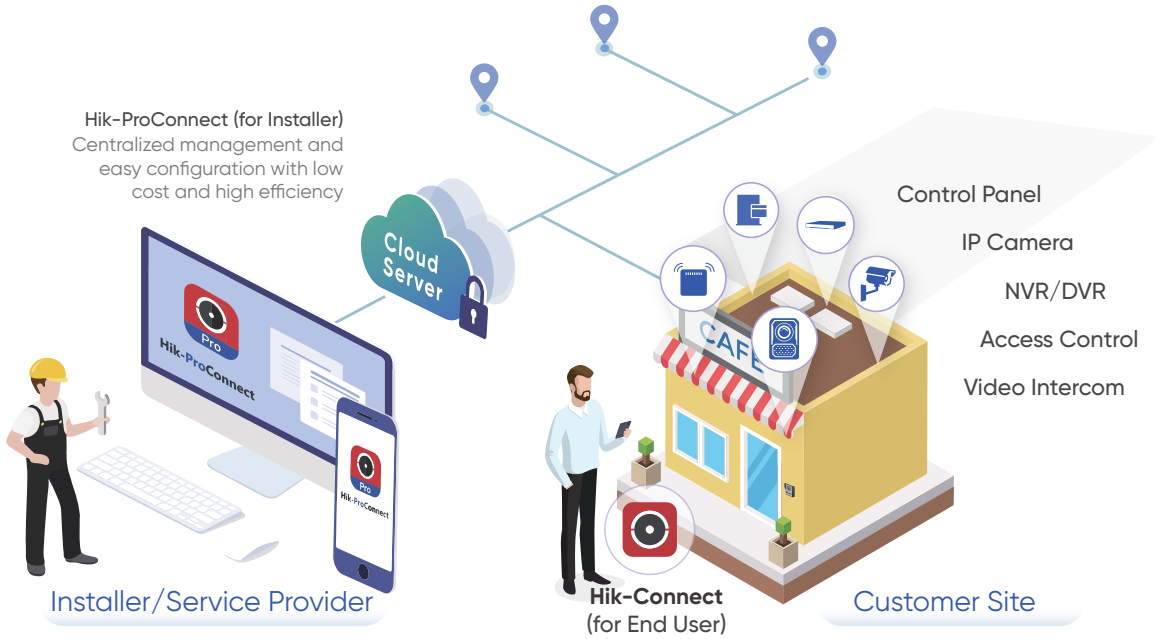
Visit Hik-ProConnect website portal via below URL :
www.hik-proconnect.com

Hik-Connect (for End User)
Scan and download the app

Hik-ProConnect

Hik-ProConnect, a convergent, cloud-based security solution abounding with permanent free and pay-for functions for flexible subscription on demand, can help manage services for your customers and expand your business by subscription offers. As a security business tool, it can enable remote maintenance, proactive status monitoring, and services to enhance your efficiency, address your customer needs with converged physical security devices, and expand your business by creating subscription plans for recurring revenue.

- The converged platform enables various Hikvision devices to converge and work together as one system.
- Installation time is reduced through functions like adding and configuring devices in batches, saving configuration templates on the cloud, online permission applications, P2P technology, and more.
- The system supports remote system management and health monitoring of all authorized devices, providing real-time notifications and remote device configurations using P2P technology.
- Hik-ProConect allows flexible linkage across various devices including cameras, recorders, security control panels, access control and video intercom devices, and doorbells.
- Employee and permission management is supported to improve management efficiency within your organization. The admin account can create sub-accounts to manage multiple sites at once, improving workflow and internal management.
- Customer authorization for site management protects customers privacy and meets GDPR requirements.
- More solutions like cloud storage, cloud network management, cloud temperature screening and flow control, as well as ARC integration are available.
- Hik-ProConnect employs industry-leading standards and protocols for maximum security and reliability to guarantee system security.



Key Features	
Site Management	Adding new site or existing site.
	Inviting end user as Site Owner by email or short message to hand over the site.
	The Installer can apply for site authorization from Site Owner for maintaining or managing the site.
	The Installer can disable Hik-Connect service for the device(s) if Allow Me to Disable Hik-Connect Service function is enabled when inviting Site Owner.
Device Management	Adding device(s) by SADP, Hik-Connect (P2P) service, IP address or domain name, or pre-defined template.
	Upgrading one or more devices remotely.
	Configuring DDNS for the encoding devices with invalid or old firmware versions added by Hik-Connect (P2P), to make sure they can be managed by Hik-ProConnect properly.
	Supporting unbinding detected online device from its current account before adding it to your account.
	Supporting resetting password for the authorized device (AX Pro security control panel excepted) in the same LAN with the PC where your Hik-ProConnect Portal runs.
	Migrating the devices from Hik-Connect account to Hik-ProConnect, including the devices added in the Hik-Connect account and the ones shared from others.
	Supporting device live view and playback.
	Supporting entering the remote configuration page of the device and setting the device's parameters.
	*Configuring people counting parameters via Hik-ProConnect Portal and viewing people counting data on Hik-Connect Mobile Client.
	*Configuring temperature screening parameters via Hik-ProConnect Portal and viewing temperature screening data on Hik-Connect Mobile Client.
	Supporting managing and maintaining AX Pro security control panel, including device settings, remote maintenance, user management, health check, etc.
Cross Device Linkage	Configuring linkage rule for the devices in a site.
	Providing six pre-defined templates designed for typical applications.
	Two linkage modes, including LAN and Cloud P2P.
Health Monitoring	Showing device list of each site and status information.
	Automatically inspecting and manually inspecting the health status of the devices.
	Showing status of encoding devices, security control panel, access control device, video intercom device, doorbell, Hik-ProConnect box, and network switch.
	Supporting viewing network topology for the switch(es) and connected devices, including network links between devices, and link exceptions and abnormal devices.
Exceptions	Configuring exception rules to monitor the status of managed resources in real-time.
	When the resource is exceptional, the resource will push a notification to the Hik-ProConnect.
	Viewing exception records of the resources and exporting the exception records.
***Cloud Storage Service**	Purchasing cloud storage service package.
	Activating cloud storage service for Hik-ProConnect box or cloud storage DVR to upload event-related video footage from linked channels of the cloud storage devices to the cloud.
	Activating or renewing cloud storage service for a channel.

Key Features		
***Access & Attendance**	**Person Management**	Support personnel adding, modifying, deleting and querying.
		Support sub administrators.
		Support Person group.
		Support upload face photos via mobile phone.
		Unlimited personnel management.
	Access control	Access control device management.
		Access group configuration.
		Remote door opening permission issuance.
	Time and attendance	Time table configuration.
		Shift schedule configuration.
		Assign shift schedule to person.
		View and report attendance records.
	Employee self-service (APP)	Personnel self-help take pictures and input faces through mobile phones.
		Support to view himself/herself attendance results.
		Support remote opening door and live view the camera.
Security		Supporting channel encryption: HTTPS and TLS/SSL used to ensure the security of the transmission process.
		Supporting signal encryption: AES 128 and RSA used to ensure the security of data content.
		Protection against account attacks.
		Supporting verification code encryption to ensure the security of streaming during remote live view and downloading.
		Supporting Cloud P2P to establish secure link without port mapping and avoid exposing ports to the public network.
		Unique serial number bound by one account to prevent the device from being added by an attacker.
Others		Offering co-branding function to display company logo on the Hik-Connect Mobile Client for brand promotion.
		Account authentication: entering authentication code, or submitting online application. (Different countries or regions may vary.)
		Searching operation logs in the recent 90 days.
		* Supporting purchasing health monitoring package and setting the devices that can access the service.

Note: The features marked with * may be not released in certain countries or regions. Please refer to the actual interfaces

Specifications	
The following table shows the maximum performance of the Hik-ProConnect Portal.	
Supported Languages	English, Arabic, Brazilian Portuguese, Bulgarian, Croatian, Czech, Danish, Dutch, Estonian, Farsi, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Japanese, Kazakh, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Ukrainian, Uzbek, and Vietnamese
Number of Employees	Unlimited
Number of Sites	Unlimited
Number of Devices	Unlimited
Notification Retention Period	Up to 7 days
Log Retention Period	Up to 90 days

Accessories

196 Brackets and Housings

240 Power Adapters

242 Camera Testers

243 Pickups

Accessories

Brackets and Housings

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings					
		Indoor			Indoor housing		Outdoor housing
	DS-2CC12D9T-(A) DS-2CC12D9T-E						
	DS-2CE37U8T-A	DS-1299ZJ	DS-1280ZJ-XS	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ Series
		Pendant mount	Junction box	Wall mount	Indoor housing	Indoor housing	Outdoor housing
	DS-2CC12D8T-AMM	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g (Match up with DS-1299ZJ)	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288×149×100mm 800g	Hik white Complex fiber 290×142×92mm 640g	Hik white Aluminum alloy

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor/Outdoor			
	DS-2CE15A2P(N)-VFIR3				
	DS-2CC12A2P-IT5 DS-2CE16C2T-IT5	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ-SUS
	DS-2CC12A7-(A)VFIT3				
	DS-2CE16D9T-AIRAZH	Hik white Stainless steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	Hik White Aluminum alloy Φ88.5 mm 251g	Hik white Stainless steel 126×105×250mm 2280g

Appearance	Model	Appearance	Model	Appearance	Model	Appearance	Model	Recommended brackets for Hikvision analog camera Relevant brackets and housings--- Indoor/Outdoor
	DS-2CE16C0T-IR(F) DS-2CE16C2T-IR DS-2CE16D0T-IR(F)/(E) DS-2CE16D0T-I3F DS-2CE16D3T-I3F DS-2CE16D0T-I2FD DS-2CE16D0T-I2FB		DS-2CE16D0T-ITF(P)S		DS-2CE10HFT-F		DS-2CE16H0T-IT1/3/5F(C)	
	DS-2CE16C0T-IRP(F) DS-2CE16C2T-IRP DS-2CE16D0T-IRP(F)/(E) DS-2CE16D0T-IR(F)(C) DS-2CE16D0T-IRP(F)(C) DS-2CE16D3T-I3PF DS-2CE16D0T-I2PFD DS-2CE16D0T-I2PFB		DS-2CE16D8T-IT(P)(F)/(E) DS-2CE16H5T-IT(P)(E) DS-2CE16H0T-IT(P)F		DS-2CE12D8T-PIRL(O) DS-2CE12H0T-PIRL(O) DS-2CE18U8T-IT3 DS-2CE12D0T-PIRL(O)		DS-2CE16D0T-IT1(F)/IT3(F)/IT5(F)(C)	DS-1280ZJ-XS
	DS-2CE16C2T-IT1/IT3		DS-2CE17U8T-IT		DS-2CE12DFT-F		DS-2CE17H0T-IT1/3/5F	
	DS-2CC12D9T-IT3E/IT5E DS-2CE16C0T-IT1(F)/IT3(F)/IT5(F) DS-2CE16D0T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16D8T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16H5T-IT1(E)/IT3(E)/IT5(E) DS-2CE16H0T-IT1/3/5F(E)		DS-2CE11D8T-PIRL(P)(O) DS-2CE11H0T-PIRL(P)(O) DS-2CE11D0T-PIRL(P)(O)		DS-2CE12HFT-F		DS-2CE17D0T-IT1/3/5F DS-2CE17D0T-IT1/3/5	Junction Box
					DS-2CE16D0T-ITPF DS-2CE16H0T-ITPF(C) DS-2CE16D0T-EXIPF		DS-2CE12DFT-PIRXOF DS-2CE12D0T-PIRXOF	
					DS-2CE16D0T-ITF DS-2CE16H0T-ITF(C) DS-2CE16D0T-EXIF			

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CE16C8T-IW3Z							
		DS-1293ZJ	DS-1275ZJ-SUS	DS-1269ZJ	DS-1233ZJ	DS-1232ZJ	DS-1232ZJ-T	DS-1276ZJ-SUS
		Wall mount	Vertical pole mount	Pendant mount	Column mount	Cardan joint	Cardan joint	Corner mount
		Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount DS-1293ZJ-XX(B)	Hik white Aluminum alloy 493x246x88mm 480g	Hik white Steel Φ160 x 1093mm 6200g	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount DS-1293ZJ-XX(B)

Appearance	Model	Recommended brackets for Hikvision analog camera		
		Relevant brackets and housings--- Indoor/Outdoor		
	DS-2CC12D9T-AIT3ZE DS-2CE16D8T-(A)IT3Z(F) DS-2CE16D8T-IT3ZE			
	DS-2CE16H0T-(A)IT3ZF DS-2CE19H8T-(A)IT3ZF DS-2CE19U1T-(A)IT3ZF DS-2CE19U7T-(A)IT3ZF DS-2CE19D3T-(A)IT3ZF	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1276ZJ-SUS
		Vertical pole mount	Junction box	Corner mount
	DS-2CE16C2T-VFIR3 DS-2CE16D0T-VFIR3F/E	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	Hik white Stainless Steel 126×105×250mm 2280g
	DS-2CE19U8T-(A)IT3Z			
	DS-2CE16C5T-AIT3Z			

Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor/Outdoor				
	DS-2CE59U7T-(A)VPIT3ZF DS-2CE59H8T-(A)VPIT3ZF DS-2CE59U1T-(A)VPIT3ZF DS-2CE56D8T-(A)VPIT3Z(F)/(E)					
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1273ZJ-140B	DS-1241ZJ	DS-1240ZJ
		Pendant Mount	Wall mount	Wall mount	In-ceiling mount	Inclined ceiling mount
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Aluminum alloy with junction box 140×243×292mm 1488g	Hik white Aluminum alloy Φ200×26.8mm 300g	Hik white Aluminum alloy Φ145×63mm 440g
	DS-2CC52D9T-AVPIT3ZE DS-2CE56H0T-(A)VPIT3Z(F)/(E) DS-2CE59U8T-(A)VPIT3Z					
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1253ZJ-L	DS-1250ZJ	
		Vertical pole mount	Corner mount	Rain shade	Rain shade	
		Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Composite Fiber Φ225.1×98mm 198g Match up with wall mount(DS-1273ZJ-140)	Hik white Composite Fiber 264.7*152*189.6 mm 199g	

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor			
	DS-2CE56H8T-(A)ITZF DS-2CE56U1T-(A)ITZF DS-2CE56D8T-(A)ITZF DS-2CE56D8T-ITZE				
		DS-1271ZJ-130	DS-1273ZJ-130	DS-1273ZJ-130B	DS-1249ZJ
		Pendant Mount	Wall mount	Wall mount	In-ceiling mount
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 132×183.5×228.5mm 690g	Hik white Aluminum alloy with junction box 132×243×288.5mm 1475g	Hik white ABS plastic Φ169.4×14.6mm 60g
	DS-2CE56D0T-VFIR(F)/(E)				
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1253ZJ-L	DS-1250ZJ
		Vertical pole mount	Corner mount	Rain shade	Rain shade
	DS-2CC52D9T-AITZE DS-2CE56H5T-(A)ITZ(E) DS-2CE56H0T-(A)ITZF DS-2CE56H0T-ITZE DS-2CE56D8T-(A)ITZ	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Composite fiber Φ225.1×98mm 198g Match up with wall mount(DS-1273ZJ-130)	Hik white Composite fiber 264.7*152*189.6 mm 199g

Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor				
		DS-1259ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1275ZJ-SUS
	DS-2CE56D8T-VPIT(E)	Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Vertical pole mount
		Hik white ABS Plastic Φ111×39.2mm 200g	DS-1258ZJHik white Aluminum alloy Φ150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1272ZJ-XX(B))
	DS-2CE57U0T-VPITF					
		DS-1276ZJ-SUS	DS-1280ZJ-DM18	DS-1258ZJ	DS-1253ZJ-M	DS-1250ZJ
	DS-2CE56C0T-VPIR	Corner mount	Junction box	Wall mount	Rain shade	Rain shade
		Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum alloy Φ115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite fiber Φ191.1×76mm 133g Match up with wall mount(DS-1272ZJ-110)	Hik white Composite fiber 264.7*152*189.6 mm 199g

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor/Outdoor			
	DS-2CE5AU1T-(A)VPIT3ZF DS-2CE5AU7T-(A)VPIT3ZF DS-2CE5AD8T-(A)VPIT3Z(F)/(E)				
		DS-1273ZJ-140-DM45	DS-1271ZJ-140-DM45	DS-1275ZJ-SUS	DS-1276ZJ-SUS
		Wall mount	Pendant mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Φ140×182×120mm	Hik white Aluminum alloy Φ140×545mm	Hik white Stainless Steel 117×143×194mm(Diameter of clamp 67-127mm) 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 158X173mm Match up with wall mount (DS-1273ZJ-XX(B))
	DS-2CE5AH0T-(A)VPIT3ZF DS-2CE5AH0T-VPIT3ZE DS-2CE5AD3T-(A)VPIT3ZF DS-2CE5AH8T-(A)VPIT3ZF				
		DS-1281ZJ-DM45	DS-1280ZJ-DM45	DS-1253ZJ-L	
		Inclined ceiling mount	Junction box	Rain shade	
		Hik white Aluminum alloy Φ140×49mm	Hik white Aluminum alloy 168×140×40mm	Hik white Composite fiber Match up with wall mount(DS-1273ZJ-140-DM45)	

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor/Outdoor					
	DS-2CE5AD0T-VPIT3F DS-2CE5AD8T-VPIT3Z						
		DS-1271ZJ-135	DS-1273ZJ-135	DS-1473ZJ-135B	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1227ZJ
		Pendant mount	Wall mount	Wall mount with junction box	Vertical pole mount	Corner mount	In-ceiling mount
		Hik white Aluminum alloy 150×150×565mm 1900g	Hik white Aluminum alloy 136×183.5×230mm 704g	Hik white Aluminum alloy with junction box 136×243×290mm 1490g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-135)	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-135)	Hik white Aluminum alloy & ABS Plastic Φ210×90mm 540g
		DS-1280ZJ-DM21	DS-1281ZJ-DM23	DS-1253ZJ-L	DS-1250ZJ	DS-1258ZJ-L	
		Junction box	Inclined ceiling mount	Rain shade	Rain shade	Wall mount	
		Hik white Aluminum alloy 162×137×42mm 250g	Hik white Aluminum alloy 136.3×136.3×48mm 245g	Hik white Composite fiber Φ225.1×98mm 198g Match up with wall mount(DS-1273ZJ-135)	Hik white Composite fiber 264.7*152*189.6 mm 199g	Hik white Plastic 136×183×213mm 260g	

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor					
	DS-2CC52H1T-FITS						
		DS-1294ZJ	DS-1281ZJ-DM27	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" ×10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm × 650 mm to 1200 mm (Φ 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)

Appearance	Model	Recommended brackets for Hikvision analog camera
		Relevant brackets and housings---Indoor/Outdoor
	DS-2CE56C2T-IRM DS-2CE56C0T-IRM(F) DS-2CE56D0T-IRM(F)	
		DS-1280ZJ-TR3
	DS-2CE56D0T-IRM(F)(C)	Junction box
		Hik white ADC12 Φ119.68 x 82.58 x 41.02mm 107g

Appearance	Model	Recommended brackets for Hikvision analog camera
		Relevant brackets and housings---Indoor/Outdoor
	DS-2CC52C7T-VPIR	
		DS-1274ZJ-DM28
		Corner mount
		Hik white Aluminum alloy 233×201×96mm

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings---Indoor/Outdoor			
	DS-2CE56H0T-ITPF DS-2CE76D3T-ITPF				
	DS-2CE76U1T-ITPF DS-2CE76U0T-ITPF DS-2CE76D0T-EXIPF				
		DS-1272ZJ-110-TRS	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-XS
		Wall mount	Vertical pole mount	Corner mount	Junction box
	DS-2CE76D0T-ITPF				
	DS-2CE56C0T-IR(P)(F) DS-2CE56C2T-IR(P)	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g
	DS-2CE56D0T-IR(P)(F) DS-2CE56D0T-I2(P)FD DS-2CE56D0T-I2(P)FB				

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CS54A1P(N)-IRS DS-2CE56D8T-IRS							
		DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1282ZJ-DM(mini)	DS-1280ZJ-DM22
		Wall mount	Wall mount	Pendant mount	Vertical pole mount	Corner mount	Gang box	Junction box
		Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Plastic Φ120 mm	Hik white Aluminum alloy 164.8×137×53.4mm 520g

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings---Indoor/Outdoor						
	DS-2CE56C2T-IT1/IT3 DS-2CE56C5T-IT1/IT3							
		DS-1272ZJ-110	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1258ZJ	DS-1280ZJ-S	DS-1281ZJ-S	DS-1271ZJ-110
		Hik white Aluminum alloy 120×122×169mm 420g	Hik whiteHik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount (DS-1272ZJ-XX(B))	Hik white ABS plastic 120×111×161.5mm 200g Suitable for indoor	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hik white Aluminum alloy Φ150×560mm 1900g

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings---Indoor/Outdoor					
	DS-2CE56C5T-VFIT3						
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-M	DS-1281ZJ-M	DS-1271ZJ-130-TRL
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount
	DS-2CE56C2T-VFIR3 DS-2CE56D0T-VFIR3F/E	Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy 157×184.8×53.4mm 621g	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hik white Aluminum alloy Φ150×567mm

Appearance	Model	Recommended brackets for Hikvision analog camera
		Relevant brackets and housings---Indoor/Outdoor
	DS-2CE56D8T-IT3Z(F)(E)	
	DS-2CE79U7T-AIT3ZF DS-2CE79H8T-AIT3ZF	DS-1280ZJ-TR12
		Junction box
	DS-2CE56H0T-IT3Z(F)/(E) DS-2CE79U8T-IT3Z DS-2CE79D3T-IT3ZF DS-2CE79H8T-IT3ZF DS-2CE79U1T-IT3ZF DS-2CE79U7T-IT3ZF	Hikvision White Alloy 123.06 mm × 168.24 mm × 45 mm (4.84" × 6.62" × 1.77") 215 g (0.47 lb.)

Appearance	Model	Recommended brackets for Hikvision analog camera		
		Relevant brackets and housings---Indoor/Outdoor		
	DS-2CE78D3T-IT3F DS-2CE78H8T-IT1/3F DS-2CE78U1T-IT1/3F DS-2CE78U7T-IT1/3F DS-2CE78U0T-IT3F			
	DS-2CE56C0T-IT1(F)/IT3(F) DS-2CE56D0T -IT1(F)(E)/IT3(F)(E) DS-2CE56H1T-IT1(E)/IT3(E) DS-2CC52D9T-IT3E DS-2CE56D8T -IT1(F)(E)/IT3(F)(E) DS-2CE56H5T-IT1(E)/IT3(E) DS-2CE56H0T-IT1/3(F)/(E) DS-2CE56C5T-IT3	DS-1272ZJ-110-TRS	DS-1275ZJ-SUS	DS-1276ZJ-SUS
		Wall mount	Vertical pole mount	Corner mount
	DS-2CE78D0T-IT3FS	Hik white Aluminum alloy 110×120×120mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount (DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount (DS-1272ZJ-XX(B))
	DS-2CE56D0T-IT1(F)/IT3(F)(C)			
	DS-2CE71D8T-PIRL(O) DS-2CE71D0T-PIRL(P)(O) DS-2CE71H0T-PIRL(P)(O)			
	DS-2CE78U8T-IT3			
		DS-1280ZJ-S	DS-1281ZJ-S	DS-1280ZJ-TR13
	DS-2CE72DFT-F	Junction box	Inclined ceiling mount	Junction box
	DS-2CE72HFT-F	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hikvision White Aluminium Alloy Φ 110 mm × 144.3 mm × 48 mm (Φ 4.33" × 5.68" × 1.89") Approx. 187 g (0.41 lb.)
	DS-2CE72DFT-PIRXOF			

Appearance	Model	Relevant brackets and housings					
		Indoor		Indoor housing		Outdoor housing	
	DS-2CD2821G0						
		DS-1299ZJ	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ series	DS-1340HZ
		Pendant Mount	Wall mount	Indoor housing	Indoor housing	Outdoor housing	Outdoor housing
		Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288×149×100mm 800g	Hik white Complex fiber 290×142×92mm 640g	Hik white Aluminum alloy	Three-axis adjustment Containing combined wires and fan IK10

Appearance	Model	Appearance	Model	Appearance	Model
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2035FWD-I DS-2CD2025F(H)WD-I DS-2CD2083G0-I DS-2CD2063G0-I DS-2CD2043G0-I DS-2CD2023G0-I		DS-2CD2065G1-I DS-2CD2085G1-I DS-2CD2021G1-I(D)(W) DS-2CD2021G1-I(D)(W)(B)		DS-2CD2026G2-I(U) DS-2CD2046G2-I(U) DS-2CD2086G2-I(U)
	DS-2CV2021G2-IDW DS-2CV2041G2-IDW DS-2CV2026G0-IDW DS-2CV2046G0-IDW		DS-2CD1T23G0-I DS-2CD1T43G0-I		DS-2CD1023G0-I DS-2CD1023G0E-I DS-2CD1023G0-IU DS-2CD1043G0-I DS-2CD1053G0-I

Appearance	Model	Appearance	Model	Relevant brackets and housings---Indoor/Outdoor	
	DS-2CV1021G0-IDW1		DS-2CD2051G1-IDW1 DS-2CD2041G1-IDW1 DS-2CD2021G1-IDW1		DS-1280ZJ-XS
					Junction box
					Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD1621G0-I(Z) DS-2CD1631G0-I(Z) DS-2CD1623G0-I(Z) DS-2CD1643G0-I(Z) DS-2CD1623G1-I(Z)(S) DS-2CD1653G0-I(Z)					
		DS-1260ZJ	DS-1280ZJ-S	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS
		Junction box	Junction box	Vertical pole mount	Corner mount	Vertical pole mount
	DS-2CD2621G0-I(Z)(S)	Hikvision White Aluminum Alloy Φ88.5 mm 251g	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless Steel 126×105×250mm 2280g	Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm (5.67" × 5.18" × 1.74") 760 g (1.68 lb.) Match up with DS-1260ZJ

Appearance	Model	Relevant brackets and housings		
		Indoor/Outdoor		
	DS-2CD2047G1-L DS-2CD2027G1-L			
		302700579	302701533	302701678
		Junction box	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless Steel 126×105×250mm 2280g

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2626G2-IZS DS-2CD2646G2-IZS DS-2CD2686G2-IZS DS-2CD2685G0-IZS DS-2CD2665G0-IZS DS-2CD2685FWD-IZS DS-2CD2655FWD-IZS(B) DS-2CD2645FWD-IZS DS-2CD2635FWD-IZS DS-2CD2625FWD-IZS DS-2CD2625FHWD-IZS DS-2CD2683G0-IZS DS-2CD2663G0-IZS DS-2CD2643G0-IZS DS-2CD2623G0-IZS				
		DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1275ZJ-S-SUS	DS-2551ZJ
		Vertical pole mount	Corner mount	Vertical pole mount	Column Mount
	DS-2CD2626G2-IZSU/SL DS-2CD2646G2-IZSU/SL DS-2CD2686G2-IZSU/SL	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g	Hik white Stainless Steel 126×105×250mm 2280g	Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm (5.67" × 5.18" × 1.74") 760 g (1.68 lb.)	Hikvision White Alloy Φ 250 mm × 1570.08 mm (Φ 9.84" × 61.81") Approx. 3308 g (7.29 lb.)

Appearance	Model	Relevant brackets and housings
		Indoor/Outdoor
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2025FWD-I DS-2CD2043G0-I DS-2CD2023G0-I	
		DS-1280ZJ-XS(Black)
		Junction box
	DS-2CD2065G1-I DS-2CD2085G1-I	Hik Black Aluminum Alloy Φ100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings
		Indoor/Outdoor
	DS-2CD2685G0-IZS DS-2CD2665G0-IZS DS-2CD2685FWD-IZS DS-2CD2645FWD-IZS DS-2CD2635FWD-IZS DS-2CD2625FWD-IZS	
		DS-1475ZJ-SUS(Black)
		Vertical pole mount
		Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g
		Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2T42WD-I3/I5/I8 DS-2CD2T22WD-I3/I5/I8 DS-2CD2T85FWD- I5/I8 DS-2CD2T55FWD- I5/I8 DS-2CD2T45FWD- I5/I8 DS-2CD2T35FWD- I5/I8 DS-2CD2T25FWD- I5/I8 DS-2CD2T25FHWD- I5/I8 DS-2CD2T83G0-I5/I8 DS-2CD2T63G0-I5/I8 DS-2CD2T43G0-I5/I8 DS-2CD2T23G0-I5/I8					
		DS-1275ZJ-SUS	DS-1260ZJ	DS-1276ZJ-SUS	DS-1280ZJ-S	DS-1275ZJ-S-SUS
	DS-2CD2T85G1-I5/I8 DS-2CD2T65G1-I5/I8 DS-2CD2T26G1-2I/4I DS-2CD2T46G1-2I/4I					
	DS-2CD2T26G2-ISU/SL DS-2CD2T46G2-ISU/SL DS-2CD2T86G2-ISU/SL	Vertical pole mount	Junction box	Corner mount	Junction box	Vertical pole mount
	DS-2CD2626G2T-IZS DS-2CD2646G2T-IZS DS-2CD2686G2T-IZS DS-2CD2685G1-IZ(S) DS-2CD2665G1-IZ(S) DS-2CD2645G1-IZ(S) DS-2CD2625G1-IZ(S) DS-2CD2646G1-IZ(S) DS-2CD2626G1-IZ(S)					
	DS-2CD2683G1-IZ(S) DS-2CD2663G1-IZ(S) DS-2CD2643G1-IZ(S) DS-2CD2623G1-IZ(S)					
	DS-2CD2T45G0P-I	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hikvision White Aluminum Alloy Φ88.5 mm 251g	Hik white Stainless Steel 126×105×250mm 2280g	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm (5.67" × 5.18" × 1.74") 760 g (1.68 lb.) Match up with DS-1260ZJ
	DS-2CD2T46G1-4I/SL DS-2CD2T26G1-4I/SL					
	DS-2CD2T47G1-L DS-2CD2T27G1-L					

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2T21G0-I(S)						
		DS-1296ZJ	DS-1292ZJ	DS-1203ZJ	DS-1297ZJ	DS-1214ZJ-T	DS-1275ZJ-SUS
		Wall mount	Wall mount	Pendant Mount	Pendant Mount	Horizontal pole mount	Vertical pole mount
		Hik white Plastic 70x79.1x196.5mm Included in the package	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white 70.4×84×200.5mm 220g	Hik white Aluminum Alloy Φ120x2000mm 1035g	Hik white Steel(mounting board) & Stainless Steel(clamp) 194 mm × 117 mm × 138.5 mm (7.64" × 4.61" × 5.45") 1900 g (4.19 lb.)	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS- 1292ZJ-XX(B))
		DS-1276ZJ-SUS	DS-1232ZJ	DS-1232ZJ-T	DS-1297ZJ-ES	DS-1297ZJ-M	
		Corner mount	Cardan Joint	Cardan Joint	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS- 1292ZJ-XX(B))	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" ×10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm × 650 mm to 1200 mm (Φ 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2555FWD-I(W)(S) DS-2CD2545FWD-I(W)(S) DS-2CD2535FWD-I(W)(S) DS-2CD2525FWD-I(W)(S) DS-2CD2525FHWD-I(W)(S) DS-2CD2563G0--I(W)(S) DS-2CD2543G0--I(W)(S) DS-2CD2523G0--I(W)(S)				
		DS-1272ZJ-120	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1280ZJ-DM46
		Wall mount	Pendant mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum alloy Ø 120 mm × 37.2 mm (Ø 4.72" × 1.46") 250g
		DS-1275ZJ-SUS	DS-1272ZJ-120B		
		Vertical pole mount	Wall mount		
		Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum alloy with junction box 123×180×223mm 1225g		

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2T85FWD- I8 DS-2CD2T55FWD- I8 DS-2CD2T45FWD- I5/I8 DS-2CD2T35FWD- I8 DS-2CD2T25FWD- I5/I8				
		DS-1275ZJ-SUS(Black)	DS-1260ZJ(Black)	DS-1276ZJ-SUS(Black)	DS-1280ZJ-S(Black)
		Vertical pole mount	Junction box	Corner mount	Junction box
	DS-2CD2T65G1-I5 DS-2CD2T85G1-I5	Hik Black Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g	Hik Black Alloy Φ 88.5 mm × 36 mm (Φ 3.48" × 1.42") Approx. 251 g (0.55 lb.)	Hik Black Stainless Steel 126×105×250mm 2280g	Hik Black Aluminum alloy Φ137 x 53.4x 164.8mm 527g
		Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2545FWD-I(S) DS-2CD2525FWD-I(S) DS-2CD2563G0--I(S) DS-2CD2543G0--I(S) DS-2CD2523G0--I(S)					
		DS-1272ZJ-120(Black)	DS-1271ZJ-120(Black)	DS-1276ZJ-SUS(Black)	DS-1280ZJ-DM46(Black)	DS-1275ZJ-SUS(Black)
		Wall mount	Pendant mount	Corner mount	Junction box	Vertical pole mount
		Hik Black Aluminum alloy 120×122×173.5mm 430g	Hik Black Aluminum alloy Φ150×573mm 1900g	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik Black Aluminum alloy Ø 120 mm × 37.2 mm (Ø 4.72" × 1.46") 250g	Hik Black Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))
		Other brackets are the same as Hik white camera				

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor(suitable for indoor)				
	DS-2CD1123G0-I DS-2CD1123G0E-I DS-2CD1143G0-I DS-2CD1153G0-I					
		DS-1259ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1276ZJ-SUS
		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Corner mount
		Hik white ABS Plastic Φ111×39.2mm 200g	Hik white Aluminum alloy Φ150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))
	DS-2CD1143G0E-I(F)					
		DS-1280ZJ-DM18	DS-1258ZJ	DS-1250ZJ	DS-1275ZJ-SUS	
		Junction box	Wall mount	Rain shade	Vertical pole mount	
	DS-2CD2121G0-I(W)(S) DS-2CD2165G0-I(S) DS-2CD2185FWD-I(S) DS-2CD2155FWD-I(S) DS-2CD2145FWD-I(S) DS-2CD2135FWD-I(S) DS-2CD2125FWD-I(S) DS-2CD2125FHWD-I(S) DS-2CD2183G0-I(S) DS-2CD2163G0-I(S) DS-2CD2143G0-I(S) DS-2CD2123G0-I(S)	Hik white Aluminum alloy Φ115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite Fibre 264.7*152*189.6 mm 199g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))	

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor(suitable for indoor)				
	DS-2CD2165G0-I DS-2CD2185FWD-I DS-2CD2155FWD-I DS-2CD2145FWD-I(S) DS-2CD2125FWD-I DS-2CD2183G0-I(S) DS-2CD2163G0-I(S) DS-2CD2143G0-I(S) DS-2CD2123G0-I(S)					
		DS-1259ZJ(Black)	DS-1271ZJ-110(Black)	DS-1272ZJ-110(Black)	DS-1272ZJ-110B(Black)	DS-1276ZJ-SUS(Black)
		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Corner mount
		Hik Black ABS Plastic Φ111×39.2mm 200g	Hik Black Aluminum alloy Φ150×560mm 1900g	Hik Black Aluminum alloy 120×122×169mm 420g	Hik Black Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))
		DS-1280ZJ-DM18(Black)	DS-1258ZJ(Black)	DS-1250ZJ(Black)	DS-1275ZJ-SUS(Black)	
		Junction box	Wall mount	Rain shade	Vertical pole mount	
		Hik Black Aluminum alloy Φ115.4×43.8mm 450g	Hik Black ABS plastic 120×111×161.5mm 200g	Hik Black Composite Fibre 264.7*152*189.6 mm 199g	Hik Black Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1272ZJ-XX(B))	

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2146G1-I(S) DS-2CD2126G1-I(S)						
	DS-2CD2123G0-IU DS-2CD2143G0-IU DS-2CD2163G0-IU DS-2CD2183G0-IU	DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1253ZJ-M
		Wall mount	Wall mount	Pendant mount	Corner mount	Vertical pole mount	Rain Shade for Outdoor Dome Camera
	DS-2CD2126G2-I(SU) DS-2CD2146G2-I(SU)	Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))	Hikvision White PP+30%GF Φ191.1×76mm 133g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2185G0-IMS DS-2CD2125G0-IMS					
		DS-1272ZJ-120-TR15	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS
		Hikvision White Aluminium Alloy 120 mm × 122 mm × 173 mm (4.72" × 4.80" × 6.81") Approx. 460 g (1.01 lb.)	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor(suitable for indoor)					
	DS-2CD1723G0-I(Z) DS-2CD1743G0-I(Z) DS-2CD1753G0-I(Z)						
		DS-1271ZJ-135	DS-1273ZJ-135	DS-1473ZJ-135B	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1227ZJ
		Pendant mount	Wall mount	Wall mount with junction box	Vertical pole mount	Corner mount	In-ceiling mount
		Hik white Aluminum alloy 150×150×565mm 1900g	Hik white Aluminum alloy 136×183.5×230mm 704g	Hik white Aluminum alloy with junction box 136×243×290mm 1490g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy & ABS Plastic Φ210×90mm 540g Match up with D20-AP for 17XX models
		D20-AP	DS-1280ZJ-DM21	DS-1281ZJ-DM23	DS-1253ZJ-L	DS-1250ZJ	DS-1258ZJ-L
		Adapter Plate	Junction box	Inclined ceiling mount	Rain shade	Rain shade	Wall mount
		Hik white Match up with DS-1227ZJ for 17XX models	Hik white Aluminum alloy 162×137×42mm 250g	Hik white Aluminum alloy 136.3×136.3×48mm 245g	Hik white Composite Fibre Φ225.1×98mm 198g Match up with wall mount(DS-1273ZJ-135)	Hik white Composite Fibre 264.7*152*189.6 mm 199g	Hik white Plastic 136×183×213mm 260g

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2785G0-IZS DS-2CD2765G0-IZS DS-2CD2785FWD-IZS DS-2CD2755FWD-IZS(B) DS-2CD2745FWD-IZS DS-2CD2735FWD-IZS DS-2CD2725FWD-IZS DS-2CD2725FHWD-IZS DS-2CD2783G0-IZS DS-2CD2763G0-IZS DS-2CD2743G0-IZS DS-2CD2723G0-IZS						
		DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1473ZJ-155B	DS-1476ZJ-SUS	DS-1227ZJ-DM37
		Pendant Mount	Wall Mount	Vertical pole mount	Wall Mount	Corner mount	In-Ceiling Mount
	DS-2CD2726G2-IZS DS-2CD2746G2-IZS DS-2CD2786G2-IZS	Hik white Aluminum alloy Φ155×150×565mm	Hik white Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473ZJ-XX(B))	Hik white Steel and Plastic Ø 225 mm × 98.2 mm (8.86" × 3.87") 700 g (1.54 lb.)

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2785G0-IZS DS-2CD2765G0-IZS DS-2CD2785FWD-IZS DS-2CD2745FWD-IZS DS-2CD2735FWD-IZS DS-2CD2725FWD-IZS					Other brackets are the same as Hik white camera
		DS-1471ZJ-155(Black)	DS-1473ZJ-155(Black)	DS-1475ZJ-SUS(Black)	DS-1473ZJ-155B(Black)	
		Pendant Mount	Wall Mount	Vertical pole mount	Wall Mount	
		Hik Black Aluminum alloy Φ155×150×565mm	Hik Black Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik Black Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2785G1-IZ(S) DS-2CD2765G1-IZ(S) DS-2CD2745G1-IZ(S) DS-2CD2725G1-IZ(S) DS-2CD2783G1-IZ(S) DS-2CD2763G1-IZ(S) DS-2CD2743G1-IZ(S) DS-2CD2723G1-IZ(S) DS-2CD2746G1-IZ(S) DS-2CD2726G1-IZ(S)							
		DS-1471ZJ-155	DS-1473ZJ-155	DS-1475ZJ-SUS	DS-1280ZJ-DM55	DS-1473ZJ-155B	DS-1476ZJ-SUS	DS-1227ZJ-DM44
		Pendant Mount	Wall Mount	Vertical pole mount	Junction Box	Wall Mount	Corner mount	In-Ceiling Mount
	DS-2CD2721G0-I(Z)(S)	Hik white Aluminum alloy Φ155×150×565mm	Hik white Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hikvision White Aluminum Alloy Φ 155 mm × 36 mm (Φ 6.1" × 1.42") 300 g (0.66 lb.)	Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473ZJ-XX(B))	Hikvision White SECC, PC&ABS Φ 256.1 mm × 75.9 mm (Φ 10.08" × 2.99") Approx. 608.5 g (1.34 lb.)

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2783G1-IZ(S) DS-2CD2763G1-IZ(S) DS-2CD2743G1-IZ(S) DS-2CD2723G1-IZ(S)						Other brackets are the same as Hik white camera
		DS-1471ZJ-155(Black)	DS-1473ZJ-155(Black)	DS-1475ZJ-SUS(Black)	DS-1280ZJ-DM55(Black)	DS-1473ZJ-155B(Black)	
		Pendant Mount	Wall Mount	Vertical pole mount	Junction Box	Wall Mount	
		Hik Black Aluminum alloy Φ155×150×565mm	Hik Black Aluminum alloy 155×183.5×240mm	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik Black Aluminum Alloy Φ 155 mm × 36 mm (Φ 6.1" × 1.42") 300 g (0.66 lb.)	Hik Black Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	

Appearance	Model	Relevant brackets and housings					
		Indoor					
	DS-2CD2935FWD-I(S) DS-2CD2955FWD-IS						
		DS-1294ZJ	DS-1281ZJ-DM27	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Hight 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" ×10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm × 650 mm to 1200 mm (Φ 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2383G0-I(U) DS-2CD2363G0-I(U) DS-2CD2343G0-I(U) DS-2CD2323G0-I(U) DS-2CD2385FWD-I DS-2CD2355FWD-I DS-2CD2345FWD-I DS-2CD2335FWD-I DS-2CD2325FWD-I DS-2CD2325FHWD-I							
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-DM8	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-J- XX(B))	Hik white Aluminum alloy Φ126.7mm×35mm Approx.: 210 g (0.46 lb.)	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Φ150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)
	DS-2CD2345G0P-I							

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2385FWD-I DS-2CD2355FWD-I DS-2CD2345FWD-I DS-2CD2325FWD-I DS-2CD2383G0-I(U) DS-2CD2363G0-I(U) DS-2CD2343G0-I(U) DS-2CD2323G0-I(U)DS-2CD2821G0						
		DS-1273ZJ-130-TRL(Black)	DS-1275ZJ-SUS(Black)	DS-1276ZJ-SUS(Black)	DS-1280ZJ-DM8(Black)	DS-1281ZJ-M(Black)	DS-1271ZJ-130-TRL(Black)
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount
		Hik Black Aluminum alloy 131×183.5×228.5mm 890g	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-J-XX(B))	Hik Black Aluminum alloy Φ126.7mm×35mm	Hik Black Aluminum alloy 157×165.7×61.8mm 586g	Hik Black Aluminum alloy Φ150×567mm
		Other brackets are the same as Hik white camera					

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2346G1-I(/SL) DS-2CD2326G1-I(/SL) DS-2CD2326G2-ISU/SL DS-2CD2346G2-ISU/SL DS-2CD2386G2-ISU/SL						
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1280ZJ-DM21	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
	DS-2CD2326G2-I(U) DS-2CD2346G2-I(U) DS-2CD2386G2-I(U)						
		Pendant Mount	Wall mount	Junction box	Vertical pole mount	Corner mount	Wall mount
	DS-2CD2385G1-I DS-2CD2365G1-I						
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Aluminum alloy 162×137×42mm 250g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g
	DS-2CD2H25G1-IZ(S) DS-2CD2H45G1-IZ(S) DS-2CD2H65G1-IZ(S) DS-2CD2H85G1-IZ(S) DS-2CD2H23G1-IZ(S) DS-2CD2H43G1-IZ(S) DS-2CD2H63G1-IZ(S) DS-2CD2H83G1-IZ(S)						
	DS-2CD2347G1-L DS-2CD2347G1-LU DS-2CD2327G1-L DS-2CD2327G1-LU						

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2385G1-I DS-2CD2365G1-I						Other brackets are the same as Hik white camera
		DS-1271ZJ-140(Black)	DS-1273ZJ-140(Black)	DS-1280ZJ-DM21(Black)	DS-1275ZJ-SUS(Black)	DS-1276ZJ-SUS(Black)	
		Pendant Mount	Wall mount	Junction box	Vertical pole mount	Corner mount	
		Hik Black Aluminum alloy Φ150×565mm 1900g	Hik Black Aluminum alloy 140×183.5×232mm 703g	Hik Black Aluminum alloy 162×137×42mm 250g	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-J-XX(B))	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2321G0-I/NF							
		DS-1272ZJ-110	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-S	DS-1281ZJ-S	DS-1271ZJ-110	DS-1272ZJ-110B
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 120×122×169mm 420g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount (DS-1272ZJ-110(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount (DS-1272ZJ-110(B))	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hik white Aluminum alloy Φ150×560mm 1900g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2H85FWD-IZS DS-2CD2H55FWD-IZS(B) DS-2CD2H45FWD-IZS DS-2CD2H35FWD-IZS DS-2CD2H25FWD-IZS DS-2CD2H25FHWD-IZS DS-2CD2H83G0-IZS DS-2CD2H63G0-IZS DS-2CD2H43G0-IZS DS-2CD2H23G0-IZS						
		DS-1473ZJ-135	DS-1471ZJ-135	DS-1281ZJ-DM23	DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-1473ZJ-135B
		Wall mount	Pendant mount	Inclined ceiling mount	Vertical pole mount	Corner mount	Wall mount with junction box
		Hik white Aluminum alloy 136×183.5×230mm 704g	Hik white Aluminum alloy 150×150×565mm 1900g	Hik white Aluminum alloy 136.3×136.3×48mm 245g	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473ZJ-XX(B))	Hik white Aluminum alloy with junction box 136×243×290mm 1490g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2H85FWD-IZS DS-2CD2H45FWD-IZS DS-2CD2H35FWD-IZS DS-2CD2H25FWD-IZS					Other brackets are the same as Hik white camera
		DS-1473ZJ-135(Black)	DS-1471ZJ-135(BLack)	DS-1281ZJ-DM23(Black)	DS-1475ZJ-SUS(Black)	
		Wall mount	Pendant mount	Inclined ceiling mount	Vertical pole mount	
		Hik Black Aluminum alloy 136×183.5×230mm 704g	Hik Black Aluminum alloy 150×150×565mm 1900g	Hik Black Aluminum alloy 136.3×136.3×48mm 245g	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473ZJ-XX(B))	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-M
		Wall mount	Vertical pole mount	Corner mount	Junction box
	DS-2CD1H21G0-IZ DS-2CD1H31G0-IZ DS-2CD1H23G0-IZ DS-2CD1H43G0-IZ DS-2CD1H53G0-IZ	Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy 157×184.8×53.4mm 621g
	DS-2CD2347G3E-L DS-2CD2327G3E-L	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL	
		Inclined ceiling mount	Pendant mount	Wall mount	
		Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Φ150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
		DS-1272ZJ-110-TRS	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-S
	DS-2CD1321-I(D) DS-2CD1321-I(E) DS-2CD1331-I(D) DS-2CD1331-I DS-2CD1341-I DS-2CD1313G0-I DS-2CD1323G0-I DS-2CD1323G0E-I DS-2CD1323G0-IU DS-2CD1343G0-I DS-2CD1353G0-I	Wall mount	Vertical pole mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×169mm 420g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g

Appearance	Model	Relevant brackets and housings				
		Indoor				
	DS-2DE2A204(I)W-DE3 DS-2DE2A404(I)W-DE3					
		DS-1294ZJ-PT	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M
		Wall Mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)
		Hikvision White Plastic and Steel 223.5 mm × 125.8 mm × 80 mm (8.8" × 4.95" × 3.15") 480 g (1.06 lb.)	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" ×10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm × 650 mm to 1200 mm (Φ 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)

Appearance	Model	Relevant brackets and housings
		Indoor
	DS-2DE2204IW-DE3 DS-2DE2204IW-DE3/W	
		DS-1294ZJ
		Wall mount
	DS-2DE2106IW-DE3	Hik white Toughened Plastic 223.9×80×125.8mm 450g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2DE3204W-DE DS-2DE3304W-DE					
		DS-1227ZJ-PT6	DS-1273ZJ-PT6	DS-1280ZJ-PT6	DS-1275ZJ-SUS	DS-1276ZJ-SUS
		In-ceiling mount	Wall mount	Junction Box	Vertical pole mount	Corner mount
		Hik white Steel+Platic Φ210×79.3mm 520 g	Hik white 183.5×140×232mm	Hik white Aluminum alloy 136.5x42×162.5mm 280g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1205g Match up with DS_1273ZJ-PT6	Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1273ZJ-PT6

Appearance	Model	Relevant brackets and housings					
		Outdoor(only available for outdoor PTZ model)					
	DS-2DE4425W-DE DS-2DE4225W-DE DS-2AE4225T-D(C) DS-2AE4215T-D(C)						
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1618ZJ	DS-1660ZJ	DS-1604ZJ
		Pendant mount	Pendant mount	Ceiling mount	Wall mount(short arm)	Parapet wall mount	Wall Mount with junction box
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 110×145×189mm 550g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g
		DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ
		Vertical pole mount	Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount
		Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy 281.2×170.7×395.5mm 2.15 Kg (4.74 lb.)	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & steel 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
	DS-2AE4225TI-D(C) DS-2AE4215TI-D(C) DS-2DE4425IW-DE DS-2DE4415IW-DE DS-2DE4225IW-DE DS-2DE4215IW-DE							
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1618ZJ	DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole
		Pendant mount	Pendant mount	Ceiling mount	Wall mount(short arm)	Parapet wall mount	Wall Mount with junction box	Vertical pole mount
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 110×145×189mm 550g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm
		DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1671ZJ-SDM9	
		Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	In-ceiling mount	
		Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy 281.2×170.7×395.5mm	Hik white Aluminum alloy & steel 222×139.3×422mm 5.7 kg (12.57 lb.)	Hik white Aluminum alloy & steel 255.5×314×542.5mm 6.2 Kg (13.67 lb.)	Hik white Aluminum alloy 455.2×130.4×841.5mm	Hik Black Steel + plastic Φ232.9×142.6mm	

Appearance	Model	Relevant brackets and housings			
		Outdoor(only available for outdoor PTZ model)			
	DS-2DE4A220IW-DE DS-2DE4A320IW-DE DS-2DE4A425IW-DE DS-2DE4A404IW-DE DS-2DE4A225IW-DE DS-2DE4A215IW-DE DS-2DE4A204IW-DE				
		DS-1605ZJ	DS-1671ZJ-SD11	DS-1280ZJ-SD11	DS-1691ZJ-L
		Wall Mount Bracket	In-ceiling Mount Bracket	Junction Box	Pendant mount
		Hik white Aluminum alloy 183.5×120×228.6mm 1120g	Hik white Aluminum alloy Φ233×85mm 640 g (1.4 lb.)	Hik white Aluminum alloy Φ157.7 mm × 39.7 mm (6.2" × 1.6") 450 g (0.99 lb.)	Hik white Steel 124x84x1000mm 2175g
		DS-1691ZJ-M	DS-1691ZJ	DS-1275ZJ-SUS	DS-1276ZJ-SUS
		Pendant mount	Pendant mount	Vertical pole mount	Corner mount
		Hik white Steel 124x84x500mm 1175g	Hik white Aluminum alloy 84×124×335mm 980g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1205g Match up with DS_1605ZJ	Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1605ZJ

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
	DS-2DE5432IW-AE DS-2DE5425IW-AE DS-2DE5232IW-AE DS-2DE5225IW-AE DS-2AE5232TI-A(C) DS-2AE5225TI-A(C)							
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner
		Pendant mount	Pendant mount	Ceiling mount	Parapet wall mount	Wall mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm
	DS-2DE5425W-AE DS-2DE5330W-AE DS-2DE5320W-AE DS-2DE5232W-AE DS-2DE5225W-AE DS-2AE5232T-A(C) DS-2AE5225T-A(C)							
		DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1667ZJ	DS-1602ZJ	
		Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	Extendable pole for Pendant mount	Wall Mount	
	DS-2AE7232TI-A (C) DS-2AE7225TI-A (C)	Hik white Aluminum alloy 281.2×170.7×395.5mm	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & stee 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm	Hik white Galvanized steel pipe 1500-2500mm	Hik white Aluminum alloy97X182X305mm	

Appearance	Model	Relevant brackets and housings					
		Outdoor					
	DS-2PT5326IZ-DE						
		DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1661ZJ	DS-1619ZJ-H2	DS-1602ZJ
		Wall Mount with junction box	Vertical pole mount	Corner mount	Pendant mount	Gooseneck Mount	Wall Mount
	DS-2PT5306IZ-DE DS-2PT5306BZ-DE	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Stainless Steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)	Hik white Aluminum alloy 97X182X305mm

Appearance	Model	Relevant brackets and housings	
		Indoor	
	DS-2PT3326IZ-DE3 DS-2PT3122IZ-DE3		
		DS-1294ZJ-TRL	DS-1271ZJ-PT10
		Wall Mount	Pendant Mount
	DS-2PT3306IZ-DE3	Hik white PC+ABS	Hik white Aluminum Alloy and Plastic Ø 160.6 mm × 532 mm (6.32" × 20.9") 1300 g (2.87 lb.)

DS-1682ZJ	DS-1673ZJ
Extendable pole for Pendant mount	horizontal pole mount
Hik white Aluminum alloy 500mm Match up with pendant mount(DS-1661ZJ.DS-1662ZJ)	Hik white Steel(mounting board) & Stainless Steel(clamp) Diameter of clamp: Φ67-127mm Match up with pendant mount

Thermal

Appearance	Model	Relevant brackets and housings					
	DS-2TD1217/V1						
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B	DS-1280ZJ-DM21
		Pendant Mount	Wall mount	Vertical pole mount	Corner mount	Wall mount	Junction box
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g	Hik white Aluminum alloy 162×137×42mm 250g

Appearance	Model	Relevant brackets and housings		
	DS-2TD2617V1			
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1260ZJ
		Vertical pole mount	Corner mount	Junction box
	DS-2TD2117V1	Hik white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless steel 126X105X250mm 2280g	Hik white Aluminum alloy Φ 88.5 mm × 36 mm (Φ 3.48" × 1.42") 251g

Indoor housing							
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1330HZ	DS-1330HZ	Hik white Complex fiber 290×142×92 mm 640 g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293ZJ	DS-1299ZJ	DS-1269ZJ
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

Indoor housing							
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1332HZ	DS-1332HZ	Hik white Aluminum alloy 288×149×100mm 800g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293ZJ	DS-1299ZJ	DS-1269ZJ
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

Outdoor Housing									
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model				
	DS-1331HZ series	DS-1331HZ-C	Hik white Aluminum alloy Containing fan DC12V IP66 110×165×445mm 1900g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A					
		DS-1331HZ-H	Hik white Aluminum alloy Containing fan and heater AC24V IP66 110×165×445mm 1900g		DS-1293ZJ	DS-1269ZJ	DS-1214ZJ	DS-1214ZJ-T	DS-1233ZJ
					Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Column Mount
		DS-1331HZ-W	Hik white Aluminum alloy Containing fan and wiper AC24V IP66 445×165×170mm 1900g		Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum alloy 493x246x88mm 480g	Hik white Steel(mounting board) & Stainless Steel(clamp) 117×226×194mm Diameter of clamp: Φ67-127mm 1895g	Hik white Steel(mounting board) & Stainless Steel(clamp)	Hik white Steel Φ160 x 1093mm 6200g
		DS-1331HZ-HW	Hik white Aluminum alloy Containing fan, wiper and heater AC24V IP66 445×165×170mm 2500g						
		DS-1331HZ-CI	Hik white Aluminum alloy Containing fan DC12V IP66 IK10 445×140×94mm 1900g						
		DS-1331HZ-HI	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 IK10 110×165×445mm 1900g		DS-1232ZJ	DS-1232ZJ-T	DS-1275ZJ-SUS	DS-2204ZJ	
		DS-1331HZ-T	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g		Cardan Joint	Cardan Joint	Vertical pole mount	Wall mount	
		DS-1331HZ-R	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g		Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1293ZJ)	Hik white Aluminum alloy 413.5×228.7×120mm 1859g	

Outdoor housing							
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-4718HZ	DS-4718HZ-K	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 174×153×550mm 2500g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293ZJ	DS-1269ZJ	DS-1214ZJ
					Wall mount	Pendant mount	Horizontal pole mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum alloy 493x246x88mm 480g	Hik white Steel(mounting board) & Stainless Steel(clamp) 117×226×194mm Diameter of clamp: Φ67-127mm 1895g
					DS-1214ZJ-T	DS-1275ZJ-SUS	
					Horizontal pole mount	Vertical pole mount	
					Hik white Steel(mounting board) & Stainless Steel(clamp)	Hik white Stainless Steel 127×46×250mm	Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1293ZJ)

Outdoor housing					
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model
	DS-1340HZ	DS-1340HZ	Three-axis adjustment Containing combined wires and fan IK10	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A	
					DS-1275ZJ-4626
					Vertical Pole Mount
					Hik white
					Steel(mounting board) & Stainless Steel(clamp) 127×46×250mm 1235g For 40 series box camera

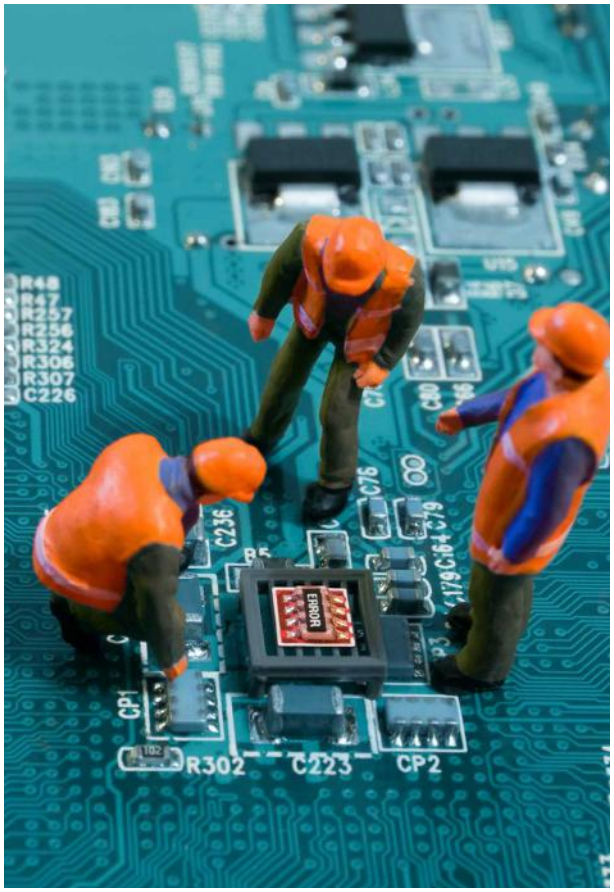
Power Adapter

Power Adapters

Power Adapter	Details	Available Models
DC12V 1A	DS-2FA1201-DL,12V/1A,American standard,Φ2.1	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	DS-2FA1201-DL,12V/1A,European standard,Φ2.1	
	DS-2FA1201-DL,12V/1A,Indian standard,Φ2.1	
DC12V 1A	ADS-12FG-12N 12012EPG,12V/1A,European standard,Two-wire, WHITE PACKAGE	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Φ2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Φ2.1, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Two-wire, WHITE PACKAGE	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Φ2.1, WHITE PACKAGE	
DC12V 1.5A	MSA-C1500IC12.0-18P-US, DC12V/1.5A, American standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-DE, DC12V/1.5A, Europe standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-GB, DC12V/1.5A, British standard plug, Φ2.1	
DC12V 2A	MSA-C2000IC12.0-24P-GB,British standard,12V2A,Φ2.1	Indoor mini PanoVu and high power consumption IPC and analog camera
	MSA-C2000IC12.0-24P-DE,European standard,12V2A,Φ2.1	
	MSA-C2000IC12.0-24P-US,American standard,12V2A,Φ2.1	
Waterproof	DS-2PA1201-WRD, 12 VDC/1 A, Wall Mount	
SMPS	DS-2FA1225-D4(EUR), 4 Channels, 12 VDC/1 A per channel, European standard	
	DS-2FA1225-D4(IND), 4 Channels, 12 VDC/1 A per channel, Indian standard	
	DS-2FA1225-D4(UK), 4 Channels, 12 VDC/1 A per channel, British standard	
	DS-2FA1205-D8(EUR), 8 Channels, 12 VDC/1 A per channel, European standard	
	DS-2FA1205-D8(IND), 8 Channels, 12 VDC/1 A per channel, Indian standard	
	DS-2FA1205-D8(UK), 8 Channels, 12 VDC/1 A per channel, British standard	

Accessories

Camera Tester



	IPC-4300H	Network camera tester, 4.3'' Screen, with ANSI/EN/BS/AS power supply, Support IP/CVBS/TVI(AHD/CVI) input

Accessories

Pickup

Picture	Models	Key Features
	DS-2FP2020	Pickup range:70 sq.m, Audio transmission distance:3000m, Frequency response:20Hz ~ 20KHz, SNR:60dB(1m40 dB audio tone SPL)40dB(10m 40 dB audio tone SPL)1KHz at 1 Pa, Dynamic Range:70dB(1KHz at Max dB SPL)
	DS-2FP4021-B	Pickup Scope:60 m2 / continuously adjustable, Gain Adjustment Scope:30dB/ continuous, Pickup Direction:Full Directions /360°, Frequency Response:100Hz ~ 16KHz(1kHz@94Db SPL), Dynamic Range:85dB, Output Impedance:600 Ohm unbalanced
	3.5mm plug adapter	match up with pick up for camera with 3.5mm jack

DORI Distance (D/O/R/I)

NETWORK CAMERA

Pro Series

Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test results according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify, respectively.

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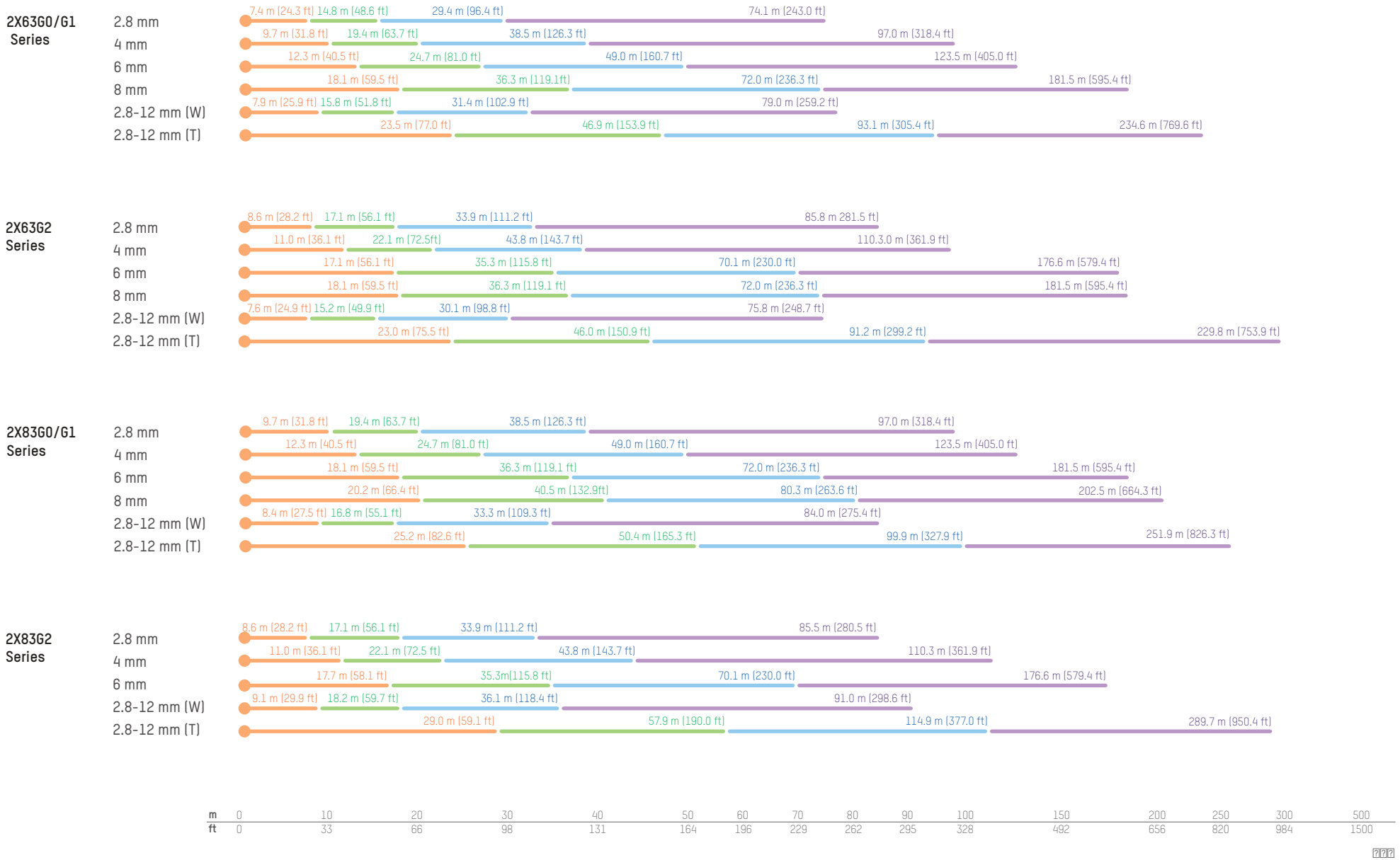
NETWORK CAMERA

Pro Series



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DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

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Pro Series

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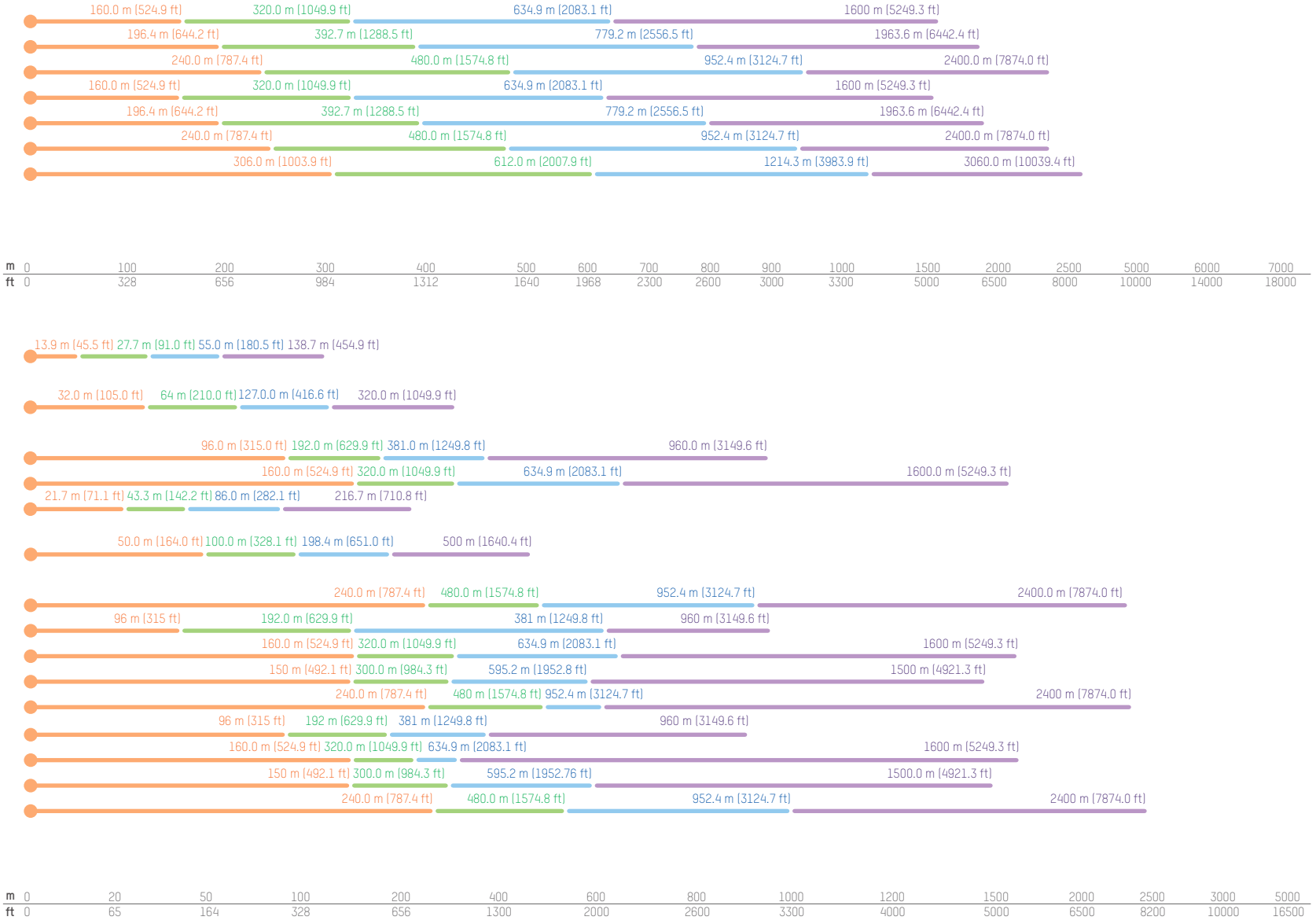
DORI Distance (D/O/R/I)

- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

Network PTZ CAMERA

Pro Series



Find the Optimal Camera for Your Individual Security Needs

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DORI Distance (D/O/R/I)

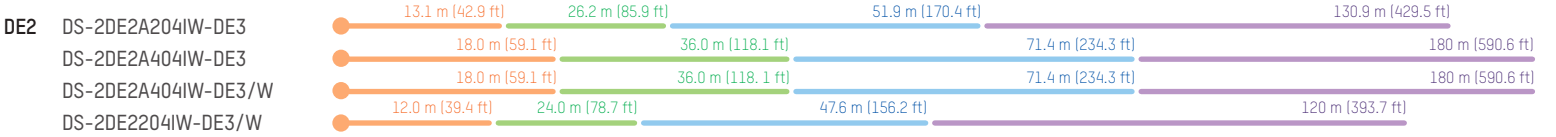
- Detect: 25 ppm
- Observe: 63 ppm
- Recognize: 125 ppm
- Identify: 250 ppm

Network PTZ CAMERA

Pro Series

Network PTZ CAMERA

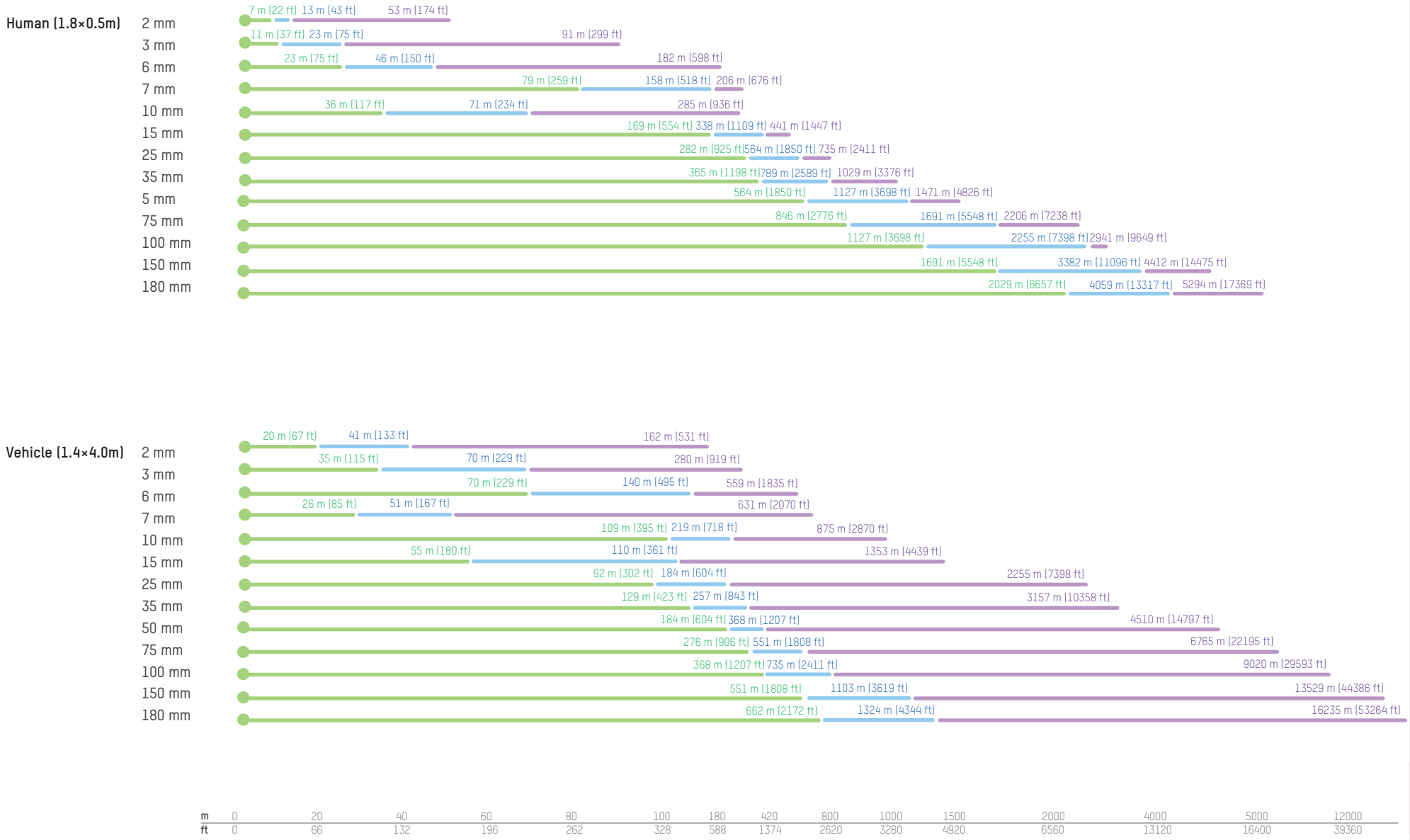
Value Series



DORI Distance (D/O/R/I)

Thermal

The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [http://en.wikipedia.org/wiki/Johnson's_criteria].



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