WISENET

WISENET X series
eXtreme performance

Hanwha Techwin

WISENET X series

WE MOVE with trust that our products will perform best in the most challenging light conditions

- The world's best wide dynamic range – WDR 150dB

- The world's best low light performance in a motorised varifocal lens (Low Light F0.94 lens)

- The most powerful chipset ever in a full range of cameras

hanwha-security.eu

THE WORLD'S BEST

Hanwha Techwin

THE WORLD'S MOST POWERFUL CHIPSET
Wisenet 5

WISENET X series

Wisenet **X** series is supercharged by the most powerful
chipset ever incorporated into a full camera range.
The Wisenet 5 chip uses an all-new architecture that enables faster processing.
That means you get the best video performance just as you need it.
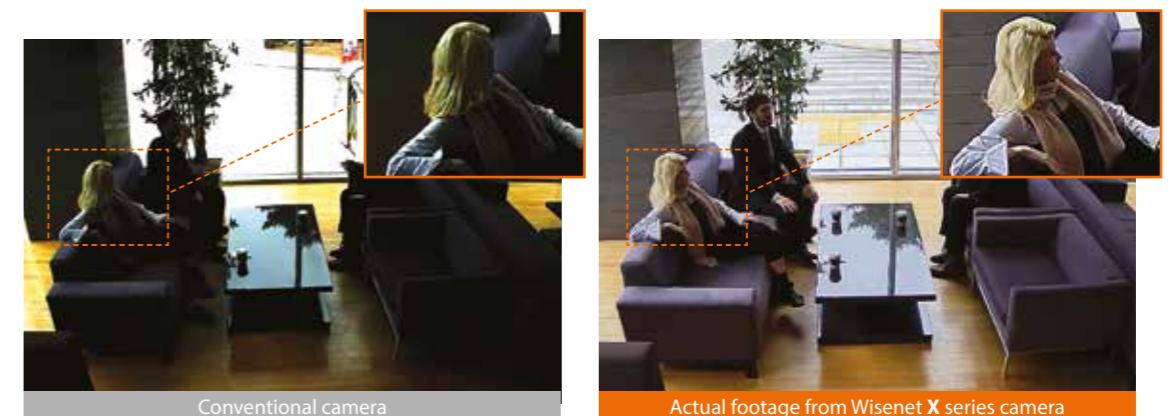
EXCEPTIONAL CLARITY

Be amazed by the World's Best WDR

Introducing Wisenet **X** series, an advanced technology that optimally adjusts lighting levels with extreme accuracy, even with backlight.

WORLD BEST

The World's best WDR 150dB

An existing WDR image is captured by composing 2 frames with different exposures. The Wisenet **X** series with **150dB** WDR uses 4 frames to create a more natural image. Motion blur is a critical weakness of existing WDR, but this new technology removes all movement, providing clear and vivid images.

Conventional camera

Actual footage from Wisenet **X** series camera

※ Wisenet X series 5M cameras support 120dB.

SEE THE UNSEEN

Wisenet **X** series, the power that suppresses darkness

e**X**cellence in dark environments.

e**X**perience the world's best low light performance in a motorised varifocal lens (F0.94 lens)

WORLD BEST

Monitor colour images, even in low-light

With the new powerful chipset used in the Wisenet **X** series and **Hanwha Techwin**'s outstanding lens technology, images can be monitored in low-light environments including colour without IR LED. Vivid images can now be captured regardless of the environment or the time of day.
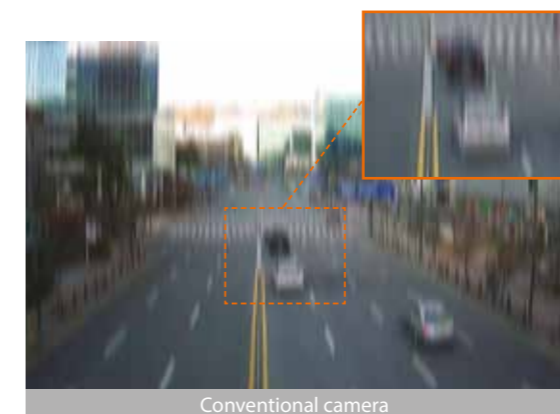
Conventional camera

Actual footage from Wisenet **X** series camera
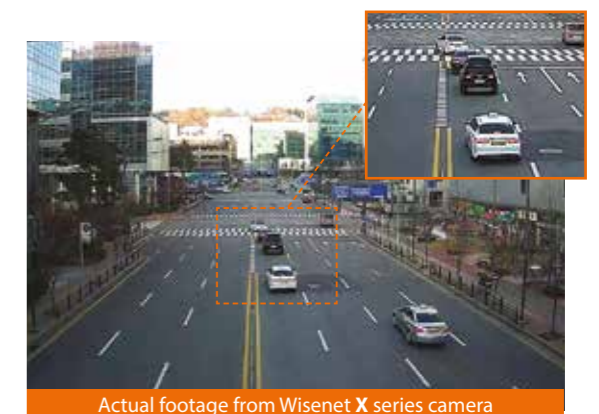
CAPTURE EVERY MOMENT

More accurate stabilisation using gyro sensors

Gyro sensors have been added to the technology used in existing cameras for more accurate stabilisation. Stabilisation comes into effect when a camera is disturbed by wind or vibrations.
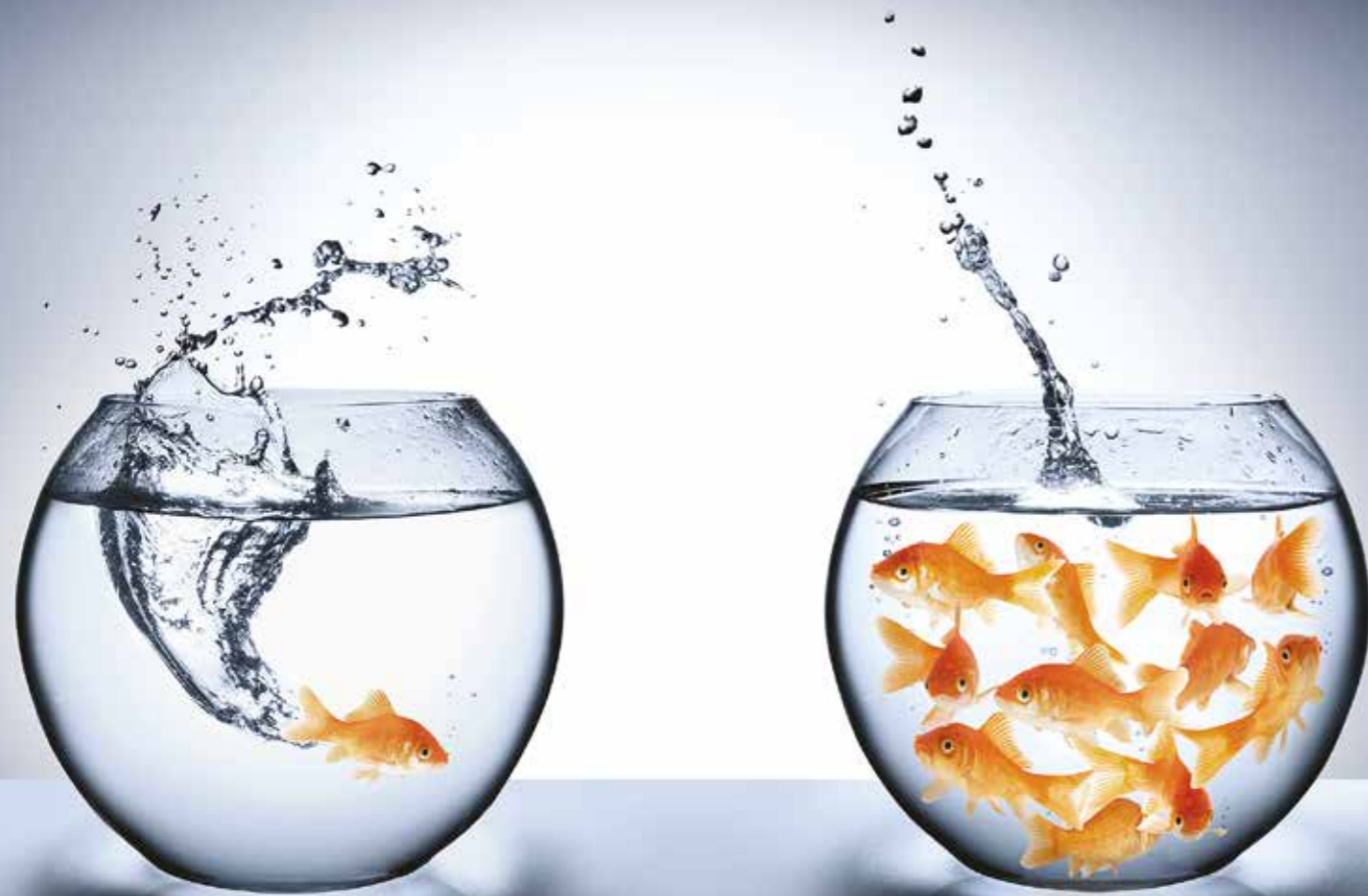

Conventional camera

Actual footage from Wisenet **X** series camera

※ XNB-8000/6000 supported
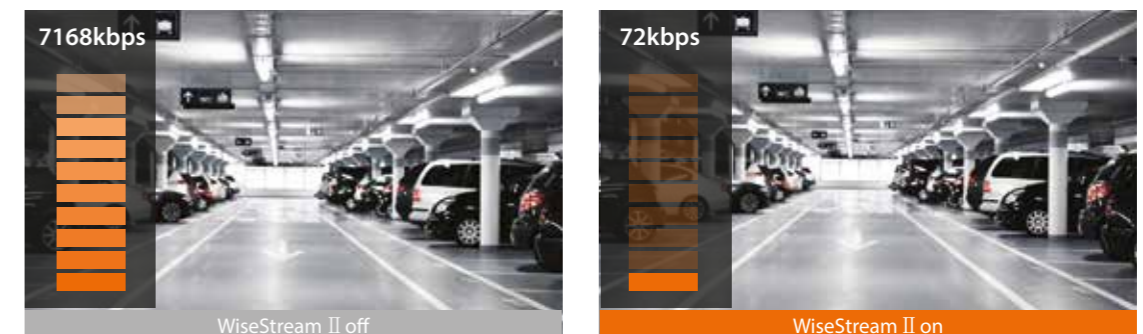
ADVANCED COMPRESSION

WiseStream II - the Wise Choice

Reduce storage space with **Hanwha Techwin**'s eXclusive compression technology, WiseStream II.
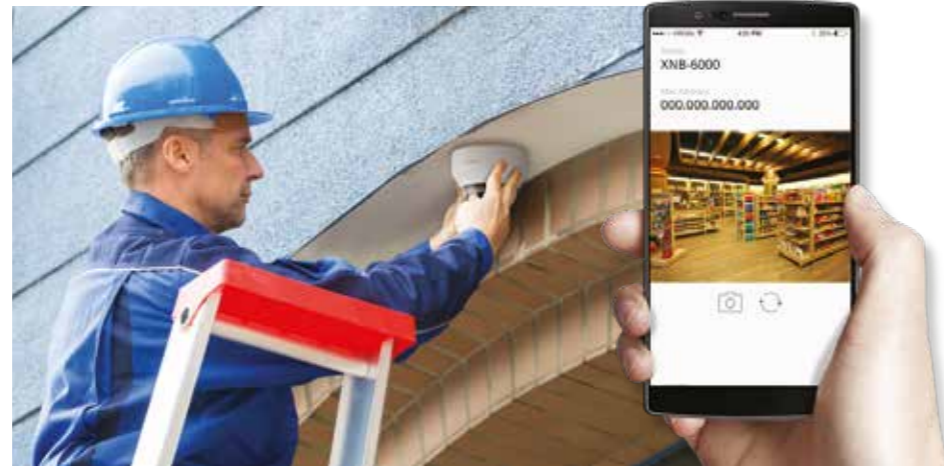
Improve bandwidth by up to 99% using WiseStream II

Using WiseStream II, **Hanwha Techwin**'s video compression technology, the Wisenet **X** series reduces data by up to 99% compared to current H.264 technology, when combined with H.265 compression. System costs are also greatly reduced without comprising image quality.
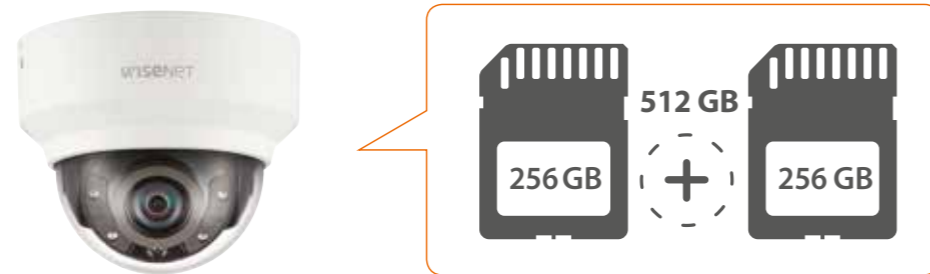
7168kbps

WiseStream II off

72kbps

WiseStream II on

More convenient installation with USB

Using the USB port, the installer can easily connect Wisenet **X** series cameras and mobile devices through Wi-Fi. Viewing and lens angles can be checked immediately after installation. No additional devices are required, saving both time and money.

eXtra storage with dual SD slots

Dual SD slots allow up to **512 GB** to be saved automatically to the camera, keeping data safe in the event of an unstable network.

512 GB

256 GB + 256 GB

Minimise Lens Distortion

Lens Distortion may typically appear in videos causing straight lines close to the edge to curve outwards. With the Lens Distortion Correction technology available on the Wisenet **X** series, imperfections in images can easily be repaired.

Conventional camera

Wisenet **X** series

Enhanced Video and Audio Analytics

Wisenet **X** series comes with a variety of e**X**clusive new Video and Audio Analytics, providing enhanced monitoring solutions and market intelligence.

Behaviour Analytics	Appear, Disappear, **Loitering**
Crossing	Virtual line, Enter/Exit, **Directional Detection**
Image quality enhancement	Defocus Detection, **Fog detection**
Detection	Motion Detection, Tampering, Face Detection, Audio detection
Statistics for Market Intelligence	***Heat mapping , People counting, Queue management**
Audio Analytics Sound classification	**Explosion** **Breaking glass** **Gun shot** **Scream**

*Heatmap; People Counting & Queue management is only available in some Wisenet **X** series cameras.

※bold: new added

Fog Detection

Wisenet **X** series delivers outstanding image quality in foggy weather with the Fog Detection. Any change in an image is automatically deleted with the defog function to provide a clear image.

Detect fog

Activate Defog (Auto / Manual)

Handover to PTZ

The handover feature allows a PTZ camera* to receive an alarm (motion detection) from a Wisenet **X** series camera operating on the same IP video surveillance system. Once the notification is received, the PTZ camera will zoom into the assigned camera pre-set location. This feature improves the efficiency of the surveillance system by decreasing the reliance on the system operator on tracking events, and by increasing the likelihood that critical events in a surveillance area will be captured and recorded. ※PNP-9200RH / XNP-6370RH

Alarm notification to PTZ

Motion detected

PTZ zooms into pre-set location

XNB-8000
5M Network Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- 0.07Lux@F1.2 (Color), 0.007Lux@F1.2 (B/W)
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), P-Iris, Defog
- Digital image stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

* Lens not included

XNO-8080R
5M Network IR Bullet Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- 3.7 ~ 9.4mm (2.5x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

XNO-8020R/8030R/8040R
5M Network IR Bullet Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- Built-in 3.7mm fixed lens (XNO-8020R)
      4.6mm fixed lens (XNO-8030R)
      7mm fixed lens (XNO-8040R)
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support
- IR viewable length 30m, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)

XND-8080R
5M Network IR Dome Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- 3.9 ~ 9.4mm (2.4x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 30m, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-8080RV
5M Tamper-Resistant Network IR Dome Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- 3.9 ~ 9.4mm (2.4x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 30m, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-8020R/8030R/8040R
5M Network IR Dome Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- Built-in 3.7mm fixed lens (XND-8020R)
      4.6mm fixed lens (XND-8030R)
      7mm fixed lens (XND-8040R)
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support
- IR viewable length 30m, IK08
- LDC support (Lens Distortion Correction)

XND-8020F

5M Network Dome Camera

Key Features

- Built-in 3.7mm fixed lens
- Max. 30fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported, Multiple streaming
- WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 256GB), PoE / 12V DC
- Hallway View, WiseStreamII Support
- LDC Support (Lens distortion correction)

XNV-8080R

5M Vandal-Resistant Network IR Dome Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- 3.9 ~ 9.4mm (2.4x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

XNV-8080RS

5M Stainless Vandal-Resistant Network IR Dome Camera

Key Features

- Max. 5Megapixel (2560 x 1920) resolution
- 3.9 ~ 9.4mm (2.4x) motorized varifocal lens
- Max. 30fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory 2slots (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP66, NEMA 4X, IK10+
- LDC, PoE, Bi-directional audio support

XNV-8020R/8030R/8040R

5M Vandal-Resistant Network IR Dome Camera

Key Features

- Max. 5megapixel (2560 x 1920) resolution
- Built-in 3.7mm fixed lens (XNV-8020R)
  4.6mm fixed lens (XNV-8030R)
  7mm fixed lens (XNV-8040R)
- Max. 30fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support
- IR viewable length 30m, IP67/IP66, IK10
- LDC support (Lens Distortion Correction)

XNB-6000

2M Network Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 0.01Lux@F1.2 (Color), 0.001Lux@F1.2 (B/W)
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), P-Iris, Defog
- Digital image stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

* Lens not included

XNB-6001

2M Network Remote Head Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support, Multiple streaming
- Max. 60fps@2MP (H.265 / H.264)
- WDR (120dB), Defog, DIS
- Tampering, Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Heatmap, People counting, Queue management, Face detection
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 256GB)
- Hallway View, WiseStreamII support
- LDC, PoE / 12V DC, Bi-directional audio support

* Lens not included
* Compatible with SLA-T2480/T2480V/T4680/T4680V/T1080F

SLA-T2480/T2480V/ T4680/T4680V/T1080F
2M Lens Modules

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 0.45Lux@F2.0 (SLA-T2480/T2480V)
- 0.06Lux@F2.5 (SLA-T4680/T4680V)
- 0.03Lux@F1.6 (SLA-T1080F)
- 2.4mm fixed lens (SLA-T2480/T2480V/T4680/T4680V)
- 4.6mm pinhole lens (SLA-T4680/T4680V)
- 1.6mm fisheye lens (SLA-T1080F)

SLA-T2480   SLA-T2480V   SLA-T4680   SLA-T4680V   SLA-T1080F

* Compatible with XNB-6001

XNB-6005
2M Network Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 0.006 Lux@F1.2 (Color), 0.0006 Lux@F1.2 (B/W)
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Digital image stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC, 12V DC, Bi-directional audio Support

* Lens not included

XNO-6080R
2M Network IR Bullet Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

XNO-6085R
2M Network IR Bullet Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Digital image stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStreamII support
- IR viewable length 70m, IP67/IP66, NEMA 4X, IK10
- LDC, PoE / 24V AC, 12V DC, Bi-directional audio support

XNO-6010R/6020R
2M Network IR Bullet Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens (XNO-6010R) 4mm fixed lens (XNO-6020R)
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support
- 20m (XNO-6010R) / 30m (XNO-6020R), IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)

XNO-6010R   XNO-6020R

XNO-6120R
2M Network IR Bullet Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 5.2 ~ 62.4mm (Optical 12X) Optical Lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Digital Image Stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog Detection, Audio detection, Sound Classification, Tampering
- Motion Detection, Handover
- SD / SDHC / SDXC 2 Slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- IR Viewable Length 70m (229.66ft), IP67 / IP66, NEMA 4X, IK10
- PoE , 24V AC, 12V DC, Bi-directional audio Support

XND-6080
2M Network Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-6080R
2M Network IR Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 30m, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-6080RV
2M Tamper-Resistant Network IR Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 30m, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-6080V
2M Tamper-Resistant Network Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support, IK08
- LDC support (Lens Distortion Correction)
- PoE / 12V DC, Bi-directional audio support

XND-6085/6085V
2M Network Dome Camera (eXtraLUX)

Key Features

- eXtraLUX (world's best low light camera)
- Max. 2Megapixel (1920 x 1080) resolution
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- 0.004 Lux@F0.94 (Color), 0.0004 Lux@F0.94 (B/W)
- Max.60fps@all resolutuons (H.265 / H.264)
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC / 12V DC, Bi-directional audio Support

XND-6010
2M Network Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support, IK08
- LDC support (Lens Distortion Correction)

XND-6011F
2M Network Dome Camera

Key Features
- Built-in 2.8mm fixed lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported, Multiple streaming
- WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 256GB), PoE / 12V DC
- Hallway View, WiseStreamII Support
- LDC Support (Lens distortion correction)

XND-6020R
2M Network Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- Built-in 4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- IR Viewable length : 30m
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support, IK08
- LDC support (Lens Distortion Correction)

XNV-6080
2M Vandal-Resistant Network Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

XNV-6080R
2M Vandal-Resistant Network IR Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP67/IP66, NEMA 4X, IK10
- LDC support (Lens Distortion Correction)
- PoE / 24V AC, 12V DC, Bi-directional audio support

XNV-6080RS
2M Stainless Vandal-Resistant Network IR Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory 2slots (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 50m, IP66, NEMA 4X, IK10+
- LDC, PoE, Bi-directional audio support

XNV-6085
2M Vandal-Resistant Network Dome Camera (eXtraLUX)

Key Features
- eXtraLUX (world's best low light camera)
- Max. 2Megapixel (1920 x 1080) resolution
- 4.1 ~ 16.4mm (4x) motorized varifocal lens
- 0.004 Lux@F0.94 (Color), 0.0004 Lux@F0.94 (B/W)
- Max.60fps@all resoltuons (H.265 / H.264)
- H.265, H.264, MJPEG codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- LDC, PoE / 24V AC / 12V DC, Bi-directional audio Support
- IP67 / IP66, NEMA 4X, IK10 support

XNV-6010
2M Vandal-Resistant Network Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support, IP67/IP66, IK10
- LDC support (Lens Distortion Correction)

XNV-6011
2M Vandal-Resistant Network Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- Built-in 2.8mm fixed lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJEPG codec support, Multiple streaming
- WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Defocus detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD / SDHC / SDXC memory slot (Max. 256GB), PoE / 12V DC
- Hallway View, WiseStreamII support
- IP66, IK10, NEMA4X
- LDC support (Lens Distortion Correction)

XNV-6020R
2M Vandal-Resistant Network Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- Built-in 4mm fixed lens
- Max. 60fps@all resolutions (H.265/H.264)
- IR Viewable length : 30m
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Heatmap, People counting, Queue management, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- Hallway view, WiseStream II support, IP67/IP66, IK10
- LDC support (Lens Distortion Correction)

XNV-6120
2M Vandal-Resistant Network Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 5.2 ~ 62.4mm (Optical 12X) Optical Lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Digital Image Stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog Detection, Audio detection, Sound Classification, Tampering
- Motion Detection, Handover
- SD / SDHC / SDXC 2 Slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- IP67 / IP66, NEMA 4X, IK10
- LDC Support (Lens Distortion Correction)
- PoE , 24V AC, 12V DC, Bi-directional audio Support

XNV-6120R
2M Vandal-Resistant Network IR Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 5.2 ~ 62.4mm (Optical 12X) Optical Lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec Supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Digital Image Stabilization with built-in Gyro sensor
- Loitering, Directional detection, Fog Detection, Audio detection, Sound Classification, Tampering
- Motion Detection, Handover
- SD / SDHC / SDXC 2 Slot (Max. 512GB)
- Hallway View, WiseStreamII Support
- IR Viewable Length 70m (229.66ft), IP67 / IP66, NEMA 4X, IK10
- PoE , 24V AC, 12V DC, Bi-directional audio Support

XNV-6120RS
2M Stainless Vandal-Resistant Network IR Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 5.2 ~ 62.4mm (12x) optical zoom lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection, Handover
- SD/SDHC/SDXC memory 2slots (Max. 512GB)
- Hallway view, WiseStream II support
- IR viewable length 70m, IP66, NEMA 4X, IK10+
- LDC, PoE, Bi-directional audio support

XNP-6370RH
2M 37x Network IR PTZ Dome Camera

Key Features
- Max. 2megapixel (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 6 ~ 222mm (37x), 16x digital zoom
- H.265, H.264, MJPEG codec
- Multiple streaming
- WiseStream support
- Digital Image Stabilization with built-in Gyro sensor
- Max. IR viewable length : 350m
- Day & Night (ICR), WDR (120dB)
- Auto tracking, Intelligent video analytics
- SD/SDHC/SDXC memory slot, Bi-directional audio support
- IP66, IK10

XNP-6320
2M 32x Network PTZ Dome Camera

Key Features
- Max. 2MP (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Day & Night (ICR), WDR (150dB)
- DIS with Built-in Gyro sensor
- Auto tracking, Intelligent video analytics
- Memory slot (Max. 512GB)
- IP66, IK10 (with SHP-3701H)

XNP-6320H
2M 32x Network PTZ Dome Camera

Key Features
- Max. 2MP (1920 x 1080) resolution
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Day & Night (ICR), WDR (150dB)
- DIS with Built-in Gyro sensor
- Auto tracking, Intelligent video analytics
- Memory slot (Max. 512GB)
- IP66, IK10

XNP-6320HS
2M 32x Network stainless PTZ Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 4.44 ~ 142.6 (32x) optical zoom, 32x digital zoom
- H.265, H.264, MJPEG codec support, Multiple streaming
- WiseStreamII support
- Day & Night (ICR), WDR (150dB)
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Face detection, Tampering
- Motion detection
- SD/SDHC/SDXC memory slot (Max. 512GB), 24V AC / PoE
- IP67, IP66, NEMA4X, IK10
- Material : SUS316L

XNP-6120H
2M Full HD 12x Network PTZ Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 16 : 9 Full HD (1080p) resolution support
- 5.2 ~ 62.4mm (12x) optical zoom, 32x digital zoom
- H.265, H.264, MJPEG codec support, Multiple streaming
- Day & Night (ICR), WDR (150dB), Intelligent video analytics
- SD/SDHC/SDXC memory slot (Max.512GB)
- IP66, IK10, Bi-directional audio support

XNP-6040H
2M 4.3x Network PTZ Dome Camera

Key Features
- Max. 2Megapixel (1920 x 1080) resolution
- 2.8 ~ 12mm (4.3x), 24x digital zoom
- H.265, H.264, MJPEG codec supported, Multiple streaming
- WiseStreamII Support
- Day & Night (ICR), WDR (150dB)
- Digital image stabilization with Built-in Gyro sensor
- Loitering, Directional detection, Fog detection, Audio detection, Digital auto tracking, Sound classification, Tampering
- Motion detection
- SD/SDHC/SDXC memory slot (Max. 512GB), PoE / 12V DC
- IP66, IK10 support

XNF-8010R
4MP Fisheye Camera

Key Features

- Max. 2048 x 2048 resolution
- H.265, H.264, MJPEG codec supported
- Fisheye, Single panorama, Double panorama, Quad view
- On board dewarping, Digital PTZ (8x), Bi-directional audio
- True WDR (120dB), WiseStream II support
- Tampering, Loitering, Directional detection, Audio detection, sound classification, Heatmap, People counting, Queue management
- Motion deteciton, Handover
- Memory slot(Max. 512GB), 12V DC / PoE
- IR viewable length 15m (49.21ft)

XNF-8010RV/RVM
6MP Sensor Fisheye Camera

Key Features

- Max. 2048 x 2048 resolution
- H.265, H.264, MJPEG codec supported
- Variable view mode (Fisheye, Single panorama, Double panorama, Quad view)
- On board dewarping, Digital PTZ (8x), Bi-directional audio
- True WDR (120dB), WiseStream II support
- Tampering, Loitering, Directional detection, Audio detection, Sound classification, Heatmap, People counting, Queue management
- Motion deteciton, Handover
- M12 connector (XNF-8010RVM)
- IP66 / IK10
- SD / SDHC / SDXC memory slot (Max. 512GB), 12V DC / PoE
- IR viewable length 15m (49.21ft)

XNV-6012
2M Mobile Vandal-Resistant Network Flat Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0.04Lux@F2.0 (B/W)
- Built-in 2.4mm fixed lens
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (Electrical), WDR (150dB)
- Tampering, Loitering, Directional detection, Defocus detection, Fog detection, Virtual line, Enter/Exit, (Dis)Appear, Audio detection, Face detection, Digital auto tracking, Sound classification
- Motion detection, Handover
- SD/SDHC/SDCX memory slot (Max. 256GB)
- IP66, IK10, NEMA4X
- Hallway view, PoE, LDC support

XNV-6012M
2M Mobile Vandal-Resistant Network Flat Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0.04Lux@F2.0 (B/W)
- Built-in 2.4mm fixed lens
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (Electrical), WDR (150dB)
- Tampering, Loitering, Directional detection, Defocus detection,
- Fog detection, Virtual line, Enter/Exit, (Dis)Appear, Audio detection, Face detection, Digital auto tracking, Sound classification
- Motion detection, Handover
- SD/SDHC/SDCX memory slot (Max. 256GB)
- IP66, IK10, NEMA4X
- Hallway view, PoE, LDC, M12 connector support

XNV-6013M
2M Mobile Vandal-Resistant Network Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0.04Lux@F2.0 (B/W)
- Built-in 2.8mm fixed lens
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (Electrical), WDR (150dB)
- Tampering, Loitering, Directional detection, Defocus detection,
- Fog detection, Virtual line, Enter/Exit, (Dis)Appear, Audio detection, Face detection, Digital auto tracking, Sound classification
- Motion detection, Handover
- SD/SDHC/SDCX memory slot (Max. 256GB)
- IP67, IP6K9K, IK10, NEMA4X
- Hallway view, PoE, LDC, M12 connector support

XNV-6022R
2M Mobile Vandal-Resistant Network IR Flat Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0Lux (B/W : IR LED On)
- Built-in 3.6mm fixed lens
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB)
- Tampering, Loitering, Directional detection, Defocus detection,
- Fog detection, Virtual line, Enter/Exit, (Dis)Appear, Audio detection, Face detection, Digital auto tracking, Sound classification
- Motion detection, Handover
- SD/SDHC/SDCX memory slot (Max. 256GB)
- IR viewable length 15m, IP66, IK10, NEMA4X
- Hallway view, PoE, LDC support

XNV-6022RM
2M Mobile Vandal-Resistant Network IR Flat Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- Max. 60fps@all resolutions (H.265 / H.264)
- 0.04Lux@F2.0 (Color), 0Lux (B/W : IR LED On)
- Built-in 3.6mm fixed lens
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (150dB)
- Tampering, Loitering, Directional detection, Defocus detection,
- Fog detection, Virtual line, Enter/Exit, (Dis)Appear, Audio detection, Face detection, Digital auto tracking, Sound classification
- Motion detection, Handover
- SD/SDHC/SDCX memory slot (Max. 256GB)
- IR viewable length 15m, IP66, IK10, NEMA4X
- Hallway view, PoE, LDC, M12 connector support

XNZ-6320
2M H.265 Network 32x Zoom Camera

Key Features

- Max. 2Megapixel (1920 x 1080) resolution
- 4.44 ~ 142.6mm Optical 32x zoom, Digital 32x zoom
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG Codec, Multiple streaming
- Day & Night (ICR), WDR (150dB), Defog
- DIS with built-in Gyro sensor
- Video & Audio Analytics
- PoE, SD/SDHC/SDXC memory slot, Bi-directional audio

XNP-6550RH
2M 55x Network IR PTZ Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 4.75 ~ 261.4mm (Optical 55x) lens
- Day & Night (ICR), WDR (120dB)
- DIS with built-in gyro sensor
- Max. IR viewable length : 500m
- H.265, H.264, MJPEG codec support
- Multiple streaming, WiseStreamII support
- Intelligent Video / Audio Analytics, Defog (Optical)
- Micro SD/SDHC/SDXC memory 2 slots (Up to 512 GB)
- IP66, IK10

XNV-6081Z/8081Z
2MP/5MP Vandal-Resistant Network Dome Camera

Key Features

- Max. 2Megapixel & 5Megapixel resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W) (XNV-6081Z) 0.07Lux@F1.4 (Color), 0.007Lux@F1.4 (B/W) (XNV-8081Z)
- Day & Night (ICR), WDR (150dB / 120dB)
- Modular structure and motorized PTRZ
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- IP67/IP66/IP6K9K, IK10+, NEMA4X
- PoE, 12VDC, 24VAC (Optional)

XND-6081VZ/8081VZ
2MP/5MP Network Dome Camera

Key Features

- Max. 2Megapixel & 5Megapixel resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W) (XND-6081VZ) 0.07Lux@F1.4 (Color), 0.007Lux@F1.4 (B/W) (XND-8081VZ)
- Day & Night (ICR), WDR (150dB / 120dB)
- Modular structure and motorized PTRZ
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- IP52/IK10, PoE, 12VDC

XND-6081FZ/8081FZ
2MP/5MP Network Dome Camera

Key Features

- Max. 2Megapixel & 5Megapixel resolution
- 0.015Lux@F1.4 (Color), 0.0015Lux@F1.4 (B/W) (XND-6081FZ) 0.07Lux@F1.4 (Color), 0.007Lux@F1.4 (B/W) (XND-8081FZ)
- Day & Night (ICR), WDR (150dB / 120dB)
- Modular structure and motorized PTRZ
- Hallway View, WiseStreamII Support
- Video & audio analytics, Audio playback
- DIS and shock detection with built-in gyro sensor
- IP52/Plenum rate (UL2820), PoE, 12VDC

XND-L6080R

2M Network IR Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 20m
- IK08, PoE support
- Material : Plastic

XND-L6080V

2M Network Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IK08, PoE support

XNO-L6080R

2M Network IR Bullet Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 30m
- IP66, IK10, PoE support

XNV-L6080

2M Vandal-Resistant Network Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IP66, IK10, PoE support

XNV-L6080R

2M Vandal-Resistant Network IR Dome Camera

Key Features

- Max. 2megapixel (1920 x 1080) resolution
- 3.2 ~ 10mm (3.1x) motorized varifocal lens
- Max. 60fps@all resolutions (H.265 / H.264)
- H.265, H.264, MJPEG codec supported, Multiple streaming
- Day & Night (ICR), WDR (120dB), Defog
- Tampering, Defocus detection
- Motion Detection, Handover
- SD/SDHC/SDXC memory slot (Max. 256GB)
- Hallway view, WiseStreamII support
- IR viewable length 30m
- IP66, IK10, PoE support

WISENET

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