

DS-2CD2955FWD-I(S) 5 MP Network Fisheye Camera



Key Features

- Up to 5 megapixel high resolution
- 2560×1920 @30fps
- H.265, H.265+, H.264+, H.264
- Support 14 display modes
- FOV: horizontal field of view 180°, vertical field of view 180°
- Dual video streams
- Digital Noise Reduction
- Support on-board storage, up to 128 G
- DC12V & PoE (802.3af)
- Up to 8 m IR range
- -S: Audio/Alarm IO
- Mobile Monitoring via Hik-Connect



Specification

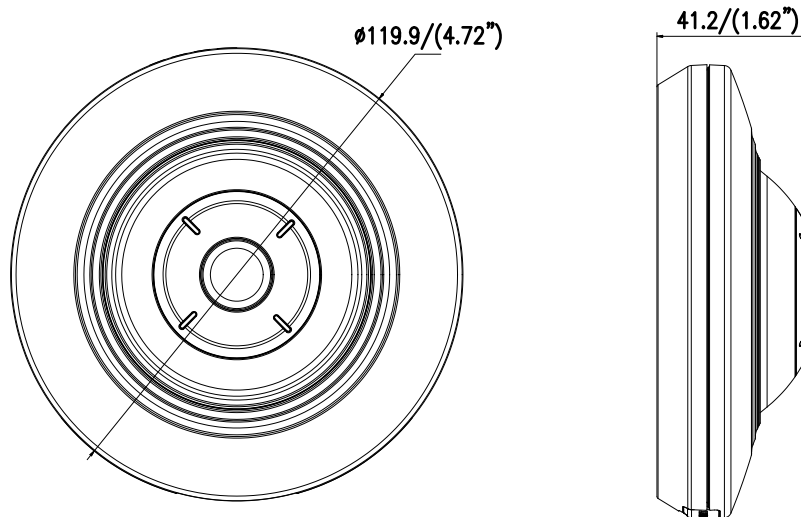
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01Lux @ (F1.2, AGC ON), 0.034Lux @ (F2.2, AGC ON), 0 Lux with IR on
Shutter Speed	1/3 s to 1/100,000 s
Lens	1.05 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180°
Lens Mount	M12
Day & Night	IR cut filter with auto switch
DNR	3D DNR
Wide Dynamic Range	120 dB
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S)	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate (-S)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Image	
Max. Resolution	2560 × 1920
Main Stream Max. Frame Rate	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1280 × 960) 60Hz: 30fps (2560 × 1920, 2048 × 1536, 1280 × 960)
Sub-Stream Max. Frame Rate	50Hz: 25fps (352 × 288, 704 × 576) 60Hz: 30fps (352 × 240, 704 × 576)
Image Settings	Saturation, brightness, contrast, and sharpness are adjustable via client software or web browser
Image Enhancement	WDR/3D DNR/Backlight Compensation/Defog
Day/Night Switch	Auto/Schedule/Triggered by Alarm In (-S model supports)
Region of Interest	Support 1 fixed region for main stream and sub-stream
Lens Distortion Correction	Support
Live View Display	
Mount Type	Support table, wall, and ceiling
Display Mode	Support 14 display modes in total (including display modes of different mount types): Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, 360 Panorama View, 360 Panorama + PTZ, 360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama View, Panorama + 3PTZ, Panorama + 8PTZ
Audio (-S)	
Environment Noise Filtering	Support
Audio I/O	Support
Sampling Rate	8kHz/16kHz/32kHz/44.1kHz/48kHz
Network	
Network Storage	NAS (Support NFS,SMB/CIFS), built-in microSD/SDHC/SDXC card slot, up to 128 G, ANR
Alarm Trigger	Video tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login

Detection	Motion detection, dynamic analysis, intrusion detection, line crossing detection
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6
Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
General Function	One-key reset, anti-flicker, password protection, privacy mask, IP Address filtering, heartbeat, watermark
Firmware Version	V5.5.52
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Audio (-S)	1 audio input (line in), 1 audio output interface
Alarm (-S)	1 alarm input, 1 alarm output (DC24V, 1A or AC110V, 500mA, max.)
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 G
General	
Operating Conditions	-10 °C to +50 °C (-14 °F to +122 °F), Humidity 95% or less (non-condensing)
Power Supply	DC 12V ± 25%, 2A, 5W PoE(802.3af 36-57V, class 3), 0.4 – 0.7 A, 6.7W
IR Range	Up to 8 m
Dimensions	Φ 119.9 × 41.2 mm (Φ 4.72" × 1.62")
Weight	600 g (1.32 lbs.)

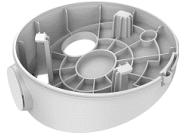
Available Model

DS-2CD2955FWD-I (1.05 mm), DS-2CD2955FWD-IS (1.05 mm)

Dimension



Unit: mm(inch)

Accessory**DS-1294ZJ**
Wall mount**DS-1281ZJ-DM27**
Inclined ceiling mount**DS-1297ZJ**
Pendant mount
(extendable)**DS-1299ZJ**
Pendant mount

Distributed by

**HIKVISION®****Headquarters**No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com**Hikvision USA**
T +1-909-895-0400
sales.usa@hikvision.com**Hikvision Australia**
T +61-2-8599-4233
salesau@hikvision.com**Hikvision India**
T +91-22-28469900
sales@pramahikvision.com**Hikvision Canada**
T +1-866-200-6690
sales.canada@hikvision.com**Hikvision Thailand**
T +662-275-9949
sales.thailand@hikvision.com**Hikvision Europe**
T +31-23-5542770
sales.eu@hikvision.com**Hikvision Italy**
T +39-0438-6902
info.it@hikvision.com**Hikvision Brazil**
T +55 11 3318-0050
Latam.support@hikvision.com**Hikvision Turkey**
T +90 [216]521 7070- 7074
sales.tr@hikvision.com**Hikvision Malaysia**
T +601-7652-2413
sales.my@hikvision.com**Hikvision UK & Ireland**
T +01628-902140
sales.uk@hikvision.com**Hikvision South Africa**
Tel: +27 (10) 0351172
sale.africa@hikvision.com**Hikvision France**
T +33[0]1-85-330-450
info.fr@hikvision.com**Hikvision Kazakhstan**
T +7-727-9730667
nikia.panfilov@hikvision.ru**Hikvision Vietnam**
T +84-974270888
sales.vt@hikvision.com**Hikvision UAE**
T +971-4-4432090
salesme@hikvision.com**Hikvision Singapore**
T +65-6684-4718
sg@hikvision.com**Hikvision Spain**
T +34-91-737-16-55
info.es@hikvision.com**Hikvision Tashkent**
T +99-87-1238-9438
uzb@hikvision.ru**Hikvision Hong Kong**
T +852-2151-1761
info.hk@hikvision.com**Hikvision Russia**
T +7-495-669-67-99
saleru@hikvision.com**Hikvision Korea**
T +82-[0]31-731-8817
sales.korea@hikvision.com**Hikvision Poland**
T +48-22-460-01-50
info.pl@hikvision.com**Hikvision Indonesia**
T +62-21-2933759
Sales.Indonesia@hikvision.com**Hikvision Colombia**
sales.colombia@hikvision.com