HIKVISION

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

FISHEYE H.265 WDR 3D DNR SD Mobile

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 360°, vertical

  field of view 360°

- 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, WebSocket, WebSockets
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 (12 VDC, max. 30 mA)
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	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
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)
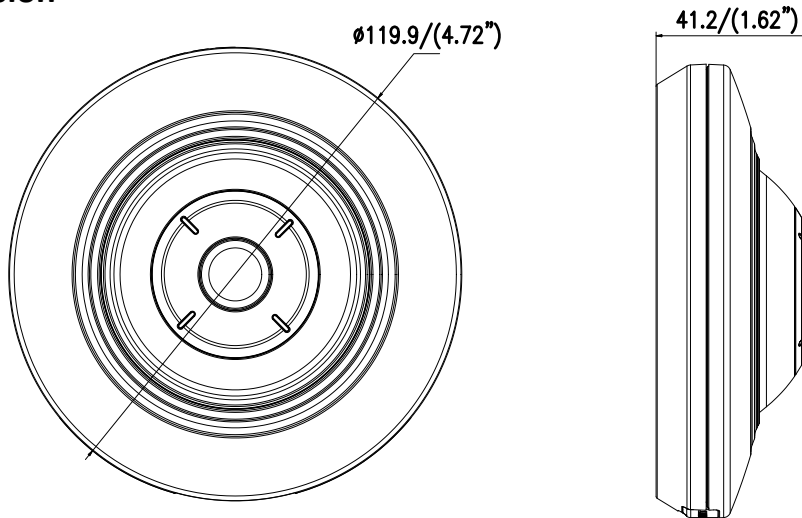
▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance.

Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Dimension

ø119.9/(4.72")

41.2/(1.62")

Unit: mm (inch)

Accessory

DS-1294ZJ
Wall mount

DS-1281ZJ-DM27
Inclined ceiling
mount

DS-1297ZJ
Pendant mount
(extendable)

DS-1299ZJ
Pendant mount

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