

DS-2CD2955G0-IS(U) 5 MP Fisheye Network Camera





- High quality imaging with 5 MP resolution
- Efficient H.265+ compression technology
- 180° fisheye view
- Clear imaging against strong back light due to 120 dB true WDR technology
- Audio and alarm interface available



Specification

Camera					
Image Sensor	1/2.7" Progressive Scan CMOS				
Max. Resolution	2560 × 1920				
Min. Illumination	Color: 0.017 Lux @ (F2.25, AGC ON), B/W: 0 Lux with IR				
Shutter Time	1/3 s to 1/100,000 s				
Day & Night	IR cut filter				
Lens					
Lens Type	Fixed focal lens, 1.05 mm				
Focal Length & FOV	1.05 mm, horizontal FOV: 180°, vertical FOV: 180°, diagonal FOV: 180°				
Lens Mount	M12				
Focus	Fixed				
Iris Type	Fixed				
Aperture	F2.25				
Depth of Field	0.1 m to ∞				
DORI					
DORI	D: 21 m, O: 8 m, R: 4 m, I: 2 m				
Illuminator					
Supplement Light Type	IR				
Supplement Light Range	Up to 8 m				
Smart Supplement Light	Yes				
IR Wavelength	850 nm				
Video					
	50 Hz: 25 fps (2560 × 1920, 2048 × 1536, 1280 × 960)				
Main Stream	30 Hz. 23 Hps (2300 ^ 1320, 2046 ^ 1330, 1260 ^ 300)				
	60 Hz: 30 fps (2560 × 1920, 2048 × 1536, 1280 × 960)				
Sub-Stream	50 Hz: 25 fps (640 × 480)				
Sub-Stream	60 Hz: 30 fps (640 × 480)				
Video Compression	Main stream: H.265+/H.265/H.264+/H.264,				
video compression	Sub-stream: H.265/H.264/MJPEG				
Video Bit Rate	32 Kbps to 16 Mbps				
H.264 Type	Baseline Profile, Main Profile, High Profile				
H.265 Type	Main Profile				
Region of Interest (ROI)	1 fixed region for main stream				
Fisheye Display					
Mount Type	Support wall/table/ceiling mounting				
	Support 14 display modes in total(including display modes of different mount types):				
Display Mada	Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, 360 Panorama + PTZ, 360				
Display Mode	Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ,				
	Panorama View, Panorama + 3PTZ, Panorama + 8PTZ				
Audio					
Audio Type	Mono sound				
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC				
Adia Dit D-+-	64 Kbps (G.711 ulaw/G.711 alawm/16 Kbps (G.722.1)/16 Kbps (G.726)/32~160 Kbps				
Audio Bit Rate	(MP2L2)/16~64Kbps (AAC-LC)				
Audio Sampling Rate	8 kHz/16 kHz				



Environment Noise Filtering	Yes			
Network				
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,			
FIOLOCOIS	UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS			
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI			
User/Host	Up to 32 users			
0301/11030	3 user levels: administrator, operator, and user			
Client	iVMS-4200, Hik-Connect, Hik-Central			
Web Browser	Plug-in required live view: IE 10+,			
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+			
	Password protection, complicated password, HTTPS encryption, IP address filter,			
Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE			
	and digest authentication for Open Network Video Interface			
Network Storage	NAS (NFS, SMB/CIFS)			
Image				
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, white balance, adjustable by			
	client software or web browser			
Day/Night Switch	Day, Night, Auto, Schedule			
Image Enhancement	BLC, 3D DNR			
Wide Dynamic Range (WDR)	120 dB			
Interface				
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port			
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB			
Built-in Microphone	-U: Yes			
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input			
Audio	impedance: 4.7 K Ω , interface type: non-equilibrium,			
Addio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output			
	impedance: 100 Ω , interface type: non-equilibrium			
Alarm	1 input, 1 output (max. 12 VDC, 30 A)			
Reset Key	Yes			
Power Output	12 VDC, max. 100 mA			
Event				
Basic Event	Motion detection, video tampering alarm, exception			
Smart Event	Line crossing detection, intrusion detection			
Linkaga	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger			
Linkage	recording, trigger capture, trigger alarm output			
General				
	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity			
Power	protection,			
	PoE: IEEE 802.3af, Class 3, max. 7.5 W			
Material	ADC12			
Dimension	Ø119.9 mm × 41.2 mm (Ø4.7" × 1.6")			
Package Dimension	150 mm × 125 mm × 99 mm (5.9" × 4.9" × 3.9")			
Weight	Approx. 320 g (0.7 lb.)			
	bb			



Storage Conditions	-10 °C to 50 °C (-14 °F to 122 °F). Humidity 95% or less (non-condensing)			
Language	13 languages English, Turkish, Polish, Romanian, Czech, Slovak, Traditional Chinese,			
	Thai, Vietnamese, Croatian, Slovenian, Serbian, Ukrainian			
Startup and Operating	-10 °C to 50 °C (-14 °F to 122 °F). Humidity 95% or less (non-condensing)			
Conditions	10 C to 30 C (14 1 to 122 1). Hamilarly 33% of less (non-condensing)			
General Function	Heartbeat, anti-banding, mirror, password protection			
Approval				
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN			
	50130-4: 2011 +A1: 2014,			
	RCM: AS/NZS CISPR 32: 2015,			
	IC: ICES-003: Issue 7,			
	KC: KN32: 2015, KN35: 2015			
Safety	UL: UL 62368-1,			
	CB: IEC 62368-1: 2014+A11,			
	CE-LVD: EN 62368-1: 2014/A11: 2017,			
	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005,			
	LOA: IEC/EN 60950-1			
Environment	CE-RoHS: 2011/65/EU			

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.

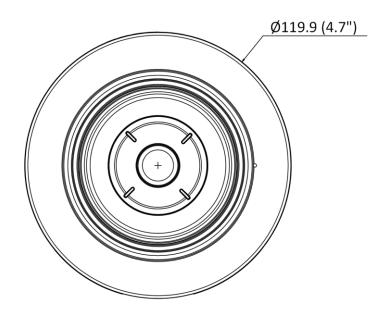
Level	Description		
	Hikvision products at this level are equipped for use in areas where professional		
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines,		
	docks, chemical plants, and more.		
Moderate protection	Hikvision products at this level 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.		

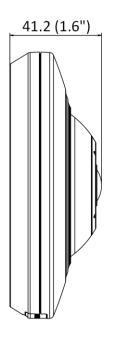
Available Model

DS-2CD2955G0-IS(1.05mm) DS-2CD2955G0-ISU(1.05mm)



Dimension





Unit: mm (inch)

Accessory

Optional

DS-1294ZJ Wall mount	DS-1299ZJ Pendant Mount	DS-1297ZJ Pendant Mount	DS-1281ZJ-DM27 Inclined ceiling mount	DS-1297ZJ-ES Pendant Mount
DS-1297ZJ-M Pendant Mount				

See Far, Go Further



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