

DS-2CD3151G0-I(SF) 5MP Fixed Dome Network Camera



- High quality imaging with 5 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to WDR technology
- 3D DNR technology delivers clean and sharp images
- Easy installation with Power over Ethernet (PoE) technology
- Water and dust resistant (IP67) and vandal proof (IK10)

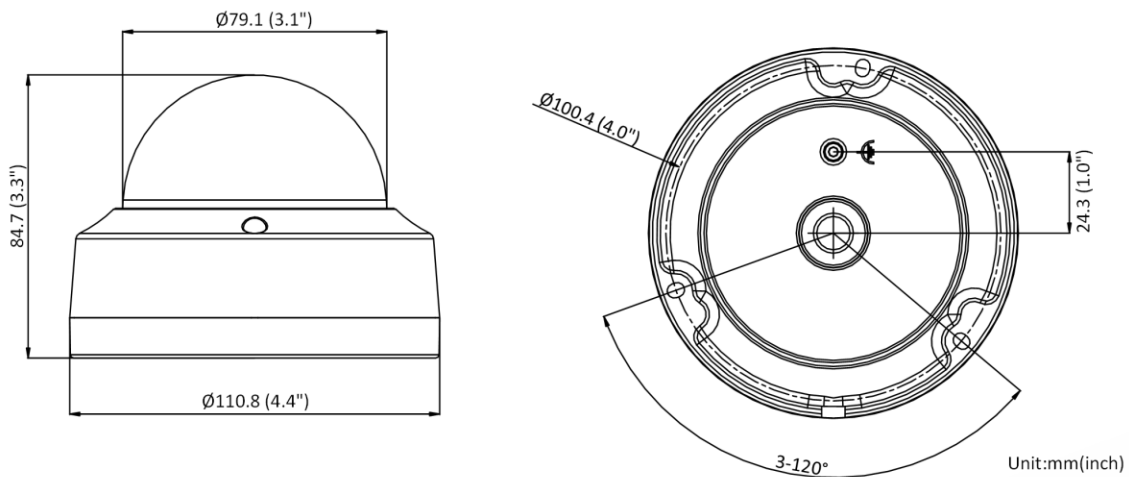
▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1920
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 99°, vertical FOV 72°, diagonal FOV 130° 4 mm, horizontal FOV 78°, vertical FOV 57°, diagonal FOV 100° 6 mm, horizontal FOV 49°, vertical FOV 36°, diagonal FOV 63°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
DORI	
DORI	2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m 6 mm, D: 128 m, O: 50 m, R: 25 m, I: 12 m
Illuminator	
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1920), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1920), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360)
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
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 and sub stream
Audio	
Audio Compression	-SF: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	-SF: 64 Kbps(G.711 ulaw/G.711 alaw)/16 Kbps(G.722.1)/16 Kbps(G.726)/32 to 160 Kbps(MP2L2)/16 to 64 Kbps(AAC)
Audio Sampling Rate	-SF: 8 kHz/16 kHz
Environment Noise Filtering	-SF: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS

Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, HLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-SF: Built-in memory card slot, support microSD card, up to 256 GB
Audio	-SF: 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	-SF: 1 input, 1 output, (max. 12 VDC, 30 mA)
Reset Key	-SF: Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection
Linkage	-I: Upload to FTP, notify surveillance center, send email, trigger capture -ISF: Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, trigger alarm output
General	
Power	12 VDC \pm 25%, 0.4 A, max. 5 W, \varnothing 5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Material	Metal & Plastic
Dimension	\varnothing 110.8 mm \times 84.7 mm (4.4" \times 3.3")
Package Dimension	135 mm \times 135 mm \times 110 mm (5.3" \times 5.3" \times 4.3")
Weight	Approx. 497 g (1.1 lb.)
With Package Weight	Approx. 597 g (1.3 lb.)
Storage Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity: 95% or less (non-condensing)
Startup and Operating Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity: 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter

Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032:2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011 +A1: 2014); KC (KN 32: 2015, KN 35: 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)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013); IK10 (IEC 62262:2002)

▪ **Dimension**





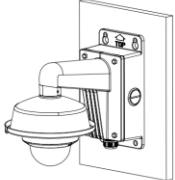
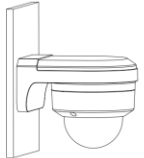

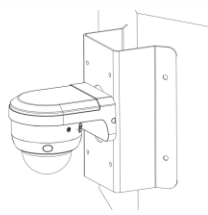
▪ **Accessory**

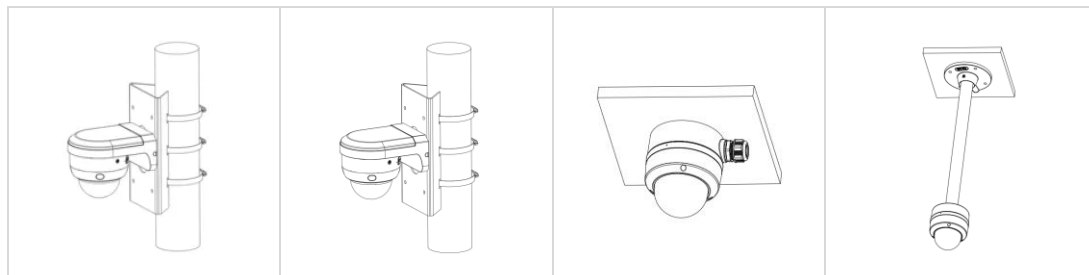
▪ **Optional**

DS-1259ZJ	DS-220AZJ-130-WA	DS-1250ZJ	DS-1276ZJ-SUS	DS-1275ZJ-SUS
DS-1280ZJ-DM18	DS-1275ZJ-S-SUS	DS-1272ZJ-110B	DS-1272ZJ-110	DS-1271ZJ-110

				
DS-1475ZJ-SUS	DS-1476ZJ-SUS	DS-220AZJ-145-WA	DS-1258ZJ	
				

Installation Methods

Inclined Ceiling Mounting DS-1259ZJ	Wall Mounting DS-220AZJ-130-WA	Wall Mounting DS-1272ZJ-110B+DS-1253ZJ-M	Wall Mounting DS-1272ZJ-110+DS-1253ZJ-M	Wall Mounting DS-220AZJ-145-WA
				
Wall Mounting DS-1258ZJ	Others DS-1250ZJ	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-110	Corner Mounting DS-1476ZJ-SUS+DS-220AZJ-130-WA	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-110+DS-1253ZJ-M
				
Vertical Pole Mounting DS-1275ZJ-S-SUS+DS-220AZJ-130-WA	Vertical Pole Mounting DS-1475ZJ-SUS+DS-220AZJ-130-WA	Junction Box DS-1280ZJ-DM18	Pendant Mounting DS-1271ZJ-110	



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