DS-2CD1143G0-IUF
4MP Build-in Mic Fixed Dome Network Camera





- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67) and vandal resistant (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Support up to 512 GB SD card storage
- Built-in microphone for real-time audio security

▪ Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 98.0°, vertical FOV 53.1°, diagonal FOV 114.7° 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+ Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 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	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)
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, NTP, UPnP, SMTP, SNMP, IGMP, 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

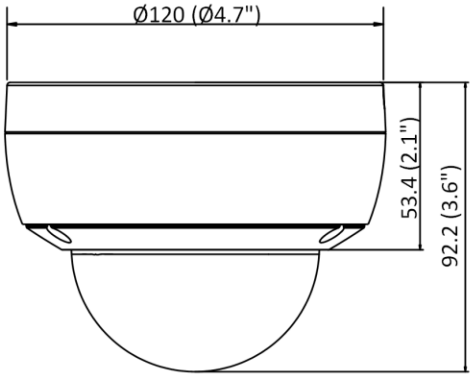
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC, 3D DNR
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 512 GB
Built-in Microphone	Yes
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering, exception
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: IEEE 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Material	Base: metal, cover: plastic
Dimension	Ø120 mm × 92.2 mm (4.72" × 3.63")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 440 g (1.0 lb.)
With Package Weight	Approx. 680 g (1.5 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Anti-banding, 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: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
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)

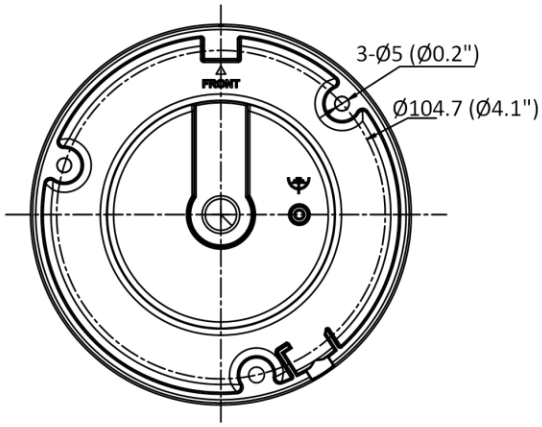
▪ Available Model

DS-2CD1143G0-IUF(2.8mm)(C)

DS-2CD1143G0-IUF(4mm)(C)

▪ Dimension





Unit: mm (inch)

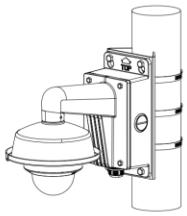
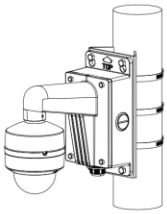
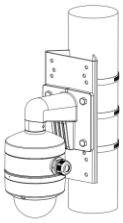
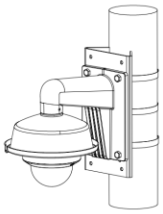
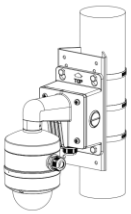
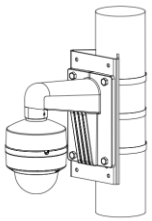
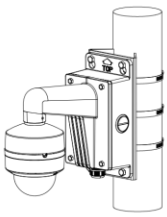
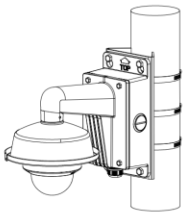
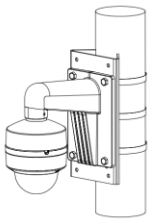
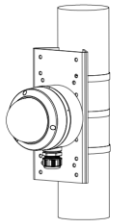
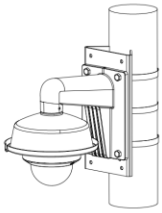
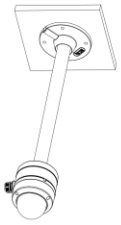
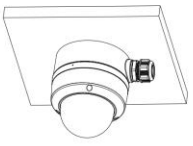
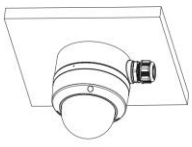
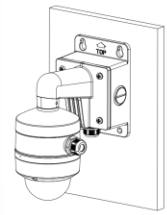
▪ Accessory

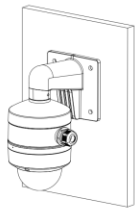
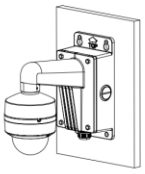
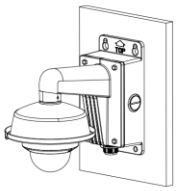
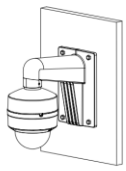
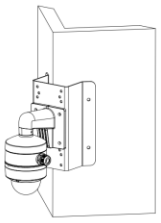
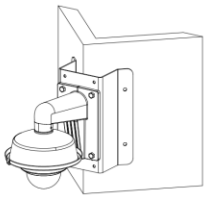
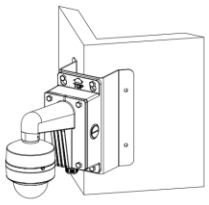
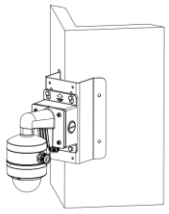
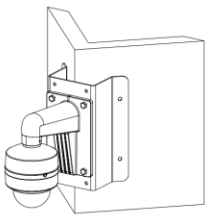
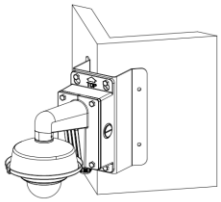
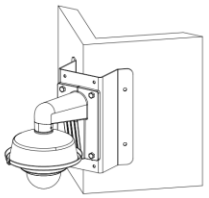
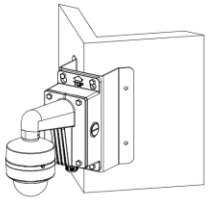
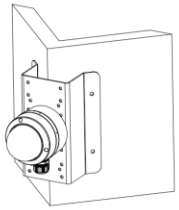
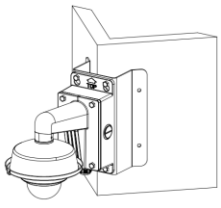
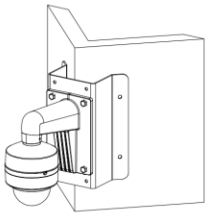
▪ Optional

DS-1275ZJ-SUS	DS-2210ZJ-WA-120	DS-1280ZJ-DM46	DS-1272ZJ-120B	DS-1272ZJ-120
				
DS-2280ZJ-WA120	**DS-1276ZJ-SUS**	**DS-1271ZJ-120**	**DS-2200ZJ-WAJ-120**	**DS-2200ZJ-WA-120**
				

▪ Installation Methods

Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120B+DS-1253ZJ-M	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120B	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120+DS-1280ZJ-DM46	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120+DS-1253ZJ-M	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120B+DS-1280ZJ-DM46

				
Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120	Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WAJ-120	Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WAJ-120+DS-1253ZJ-M	Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WA-120	Vertical Pole Mounting DS-1275ZJ-SUS+DS-2280ZJ-WA120
				
Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WA-120+DS-1253ZJ-M	Pendant Mounting DS-2210ZJ-WA-120	Pendant Mounting DS-1271ZJ-120+DS-1280ZJ-DM46	Pendant Mounting DS-1271ZJ-120	Junction Box DS-1280ZJ-DM46
				
Junction Box DS-2280ZJ-WA120	Wall Mounting DS-1272ZJ-120B	Wall Mounting DS-1272ZJ-120B+DS-1280ZJ-DM46	Wall Mounting DS-1272ZJ-120B+DS-1253ZJ-M	Wall Mounting DS-1272ZJ-120
				
Wall Mounting DS-1272ZJ-120+DS-1280ZJ-DM46	Wall Mounting DS-1272ZJ-120+DS-1253ZJ-M	Wall Mounting DS-2200ZJ-WAJ-120	Wall Mounting DS-2200ZJ-WAJ-120+DS-1253ZJ-M	Wall Mounting DS-2200ZJ-WA-120+DS-1253ZJ-M

				
Wall Mounting DS-2200ZJ-WA-120	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120+DS-1280ZJ-DM46	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120+DS-1253ZJ-M	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120B	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120B+DS-1280ZJ-DM46
				
Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120	Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120B+DS-1253ZJ-M	Corner Mounting DS-1276ZJ-SUS+DS-1253ZJ-M+DS-2200ZJ-WA-120	Corner Mounting DS-1276ZJ-SUS+DS-2200ZJ-WAJ-120	Corner Mounting DS-1276ZJ-SUS+DS-2280ZJ-WA120
				
Corner Mounting DS-1276ZJ-SUS+DS-2200ZJ-WAJ-120+DS-1253ZJ-M	Corner Mounting DS-1276ZJ-SUS+DS-2200ZJ-WA-120			
				

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