DS-2CD2121G0-I(W)(S)
2 MP IR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)
- Support up to 256 GB SD card storage

▪ Specification

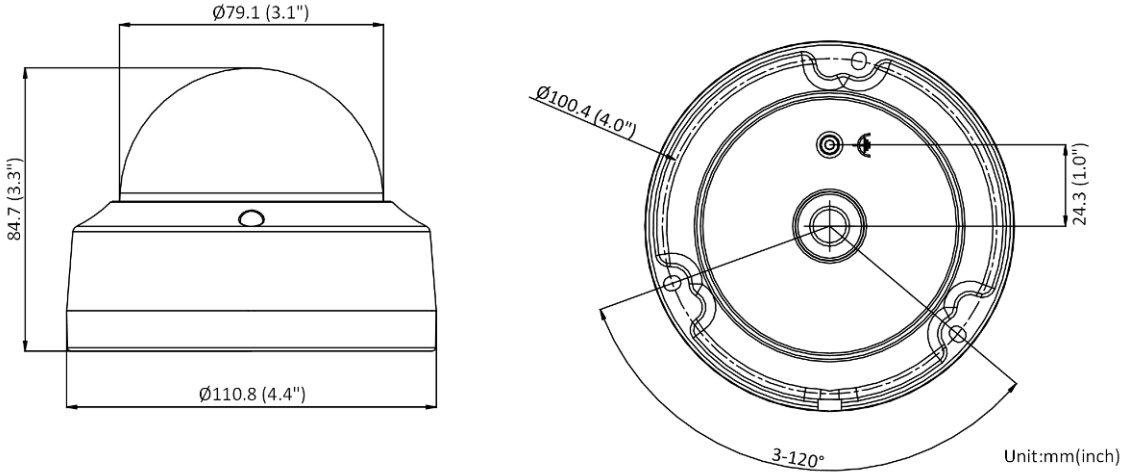
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal Length & FOV	2.8 mm: horizontal FOV 111.6°, vertical FOV 59.1°, diagonal FOV 133.9° 4 mm: horizontal FOV 91.5°, vertical FOV 46.1°, diagonal FOV 109.8° 6 mm: horizontal FOV 56°, vertical FOV 29.8°, diagonal FOV 65.3°
Lens Mount	M12
Focus	Fixed
Aperture	F1.6
Illuminator	
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 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.265//H.264+/H.264 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)	Support 1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, 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, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Network Storage	Support Micro SD/SDHC/SDXC card (256 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
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	Rotate mode, saturation, brightness, contrast, sharpness and 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 Micro SD slot, up to 256 GB
Audio	-S: 1 input (line in), 1 output (line out)
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30 mA)
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm
Smart Event	Line crossing detection, intrusion detection
Linkage	Upload to FTP/NAS/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: 802.3af, Class 3, 36 V to 57 V, 0.20 A to 0.15 A, max. 6.5 W
Dimension	Ø110.8 mm × 84.7 mm (Ø 4.4" × 3.3")
Package Dimension	135 mm × 135 mm × 110 mm (5.3" × 5.3" × 4.3")
Weight	Approx. 497 g (1.1 lb.)
With Package Weight	Approx. 597 g (1.3 lb.)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC (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) 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) LOA (IEC/EN 60950-1) 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)

▪ Available Model

DS-2CD2121G0-I (2.8/4/6 mm)
DS-2CD2121G0-IS (2.8/4/6 mm)
DS-2CD2121G0-IW (2.8/4 mm)
DS-2CD2121G0-IWS (2.8/4 mm)

▪Dimension



▪ Accessory

▪Optional

DS-1280ZJ-DM18 Junction Box	DS-1259ZJ Inclined Ceiling Mount	DS-1250ZJ Water-proof	DS-1272ZJ-110 Wall Mount	DS-1275ZJ-SUS Vertical Pole Mount
				
DS-1272ZJ-110B Wall Mount	**DS-1258ZJ Wall Mount**	**DS-1276ZJ-SUS Corner Mount**	**DS-1271ZJ-110 Pendant Mount**	
				

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