DS-2CD2021G1-I
2 MP IR Fixed Network Bullet 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)
- Support up to 256 GB SD card storage

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120 dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focus	Fixed
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
Aperture	F1.6
Illuminator	
IR Wavelength	850 nm
IR Range	Up to 30 m
Video	
Max. Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25 fps (640 × 480, 640 × 360) 60Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/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
H.264+	Main stream supports
H.265+	Main stream supports
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

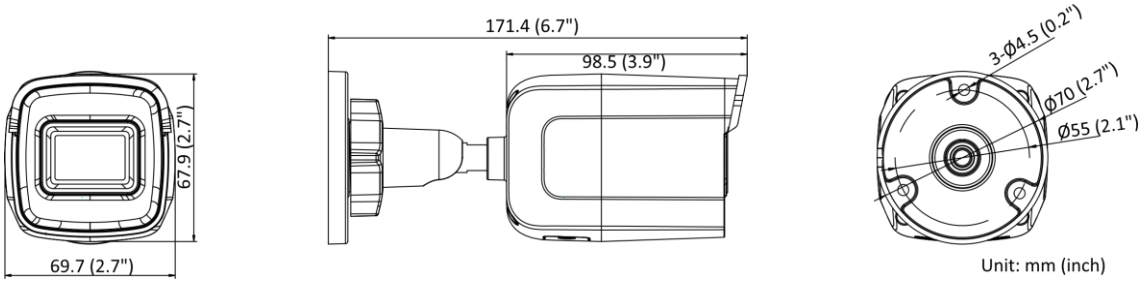
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, 3D DNR
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
Hardware Reset	Yes
Event	
Smart Event	Line crossing detection, intrusion detection
General	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
Camera Material	Metal & Plastic
Camera Dimension	69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7")
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.7)
Camera Weight	Approx. 350 g (0.8 lb.)
With Package Weight	Approx. 450 g (1.0 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)
Web Client 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
Firmware Version	V5.5.120
Power Supply	12 VDC ± 25% PoE: 802.3af, Class 3
Power Interface	Ø5.5 mm coaxial power plug
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE (802.3af, 36 to 57 V), 0.2 A to 0.15 A, max. 6.5 W
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); LOA (IEC/EN 60950-1)

Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

DS-2CD2021G1-I (2.8/4/6 mm)

▪ Dimension



▪ Accessory

▪ Optional

DS-1280ZJ-XS Junction Box


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