

DS-2CD2021G1-I(W) 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
- -W: Wi-Fi connection
- Water and dust resistant (IP67)



▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR on
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
Lens Type	2.8/4/6 mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 136° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54.5°, vertical FOV: 31.3°, diagonal FOV: 62.3°
Aperture	F2.0
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
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
Wi-Fi (-W)	
Transfer Rates	11b: 11 Mbps 11g: 54 Mbps 11n: up to 150 Mbps
Network	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
User/Host	Up to 32 users. 3 levels: administrator, operator and user

Network Storage	Support Micro SD/SDHC/SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	Wired network: Hik-Connect, iVMS-4200, iVMS-5200, iVMS-4500 Wi-Fi: iVMS-4200, iVMS-5200, iVMS-4500 *Wi-Fi connection with Hik-Connect directly is not possible.
Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Wi-Fi	
Encryption Mode	-W: 64/128-bit WEP, WPA/WPA2
Wi-Fi Protocol	-W: 802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Frequency Range	-W: 2.412 GHz to 2.472 GHz
Channel Bandwidth	-W: 20/40 MHz
Transfer Rate	-W: 11b: 11 Mbps 11g: 54 Mbps 11n: up to 150 Mbps
Wireless Range	-W: 50 m
Image	
Day/Night Switch	Day/Night/Auto/Schedule
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Interface	
On-board Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Event	
Smart Event	Line crossing detection, intrusion detection
General	
Firmware Version	V5.5.98
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE: 802.3af, class 3
Power Consumption and Current	12 VDC, 0.3 A, max. 4 W; PoE (802.3af, 36 to 57 V), 0.2 A to 0.1 A, max. 5.5 W
Camera Dimension	69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7")
Camera Weight	Approx. 350 g (0.8 lb.)
Approval	
Protection	Ingress protection: IP67 (IEC 60529-2013)

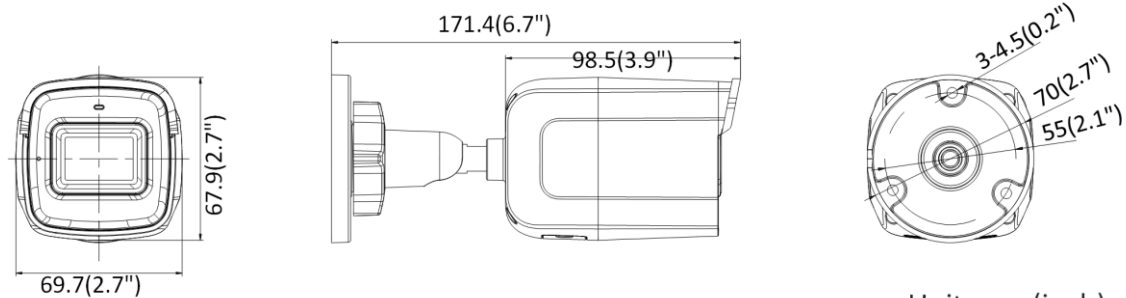
▪ Available Model

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

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

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

▪ Dimension



Unit: mm(inch)

▪ Accessory

▪ Optional

DS-1280ZJ-XS

Junction box



Distributed by



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