

DS-2CD3021G0-IU 2MP IR Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Built-in microphone for real-time audio security
- Water and dust resistant (IP66)
- 3D DNR technology delivers clean and sharp images



Specifications

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	Digital WDR
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV 112°, vertical FOV 60°, diagonal FOV 132° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103°
Aperture	F2.0
Lens Mount	M12
Illuminator	
IR Range	30 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream	50Hz: 25fps (320 × 240) 60Hz: 30fps (320 × 240)
Third Stream	50 Hz: 1fps (352 × 288) 60 Hz: 1fps (352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Stream Type	Main stream/sub-stream/third stream
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Audio Type	Mono sound

Network	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11
Image	
Day/Night Switch	Day, Night, Auto, Schedule
White Balance	Auto
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥ 52 dB
Interface	
Audio	Built-in microphone
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Smart Feature-Set	
Smart Event	Line crossing detection, intrusion detection
Intelligent (Traditional Algorithm)	
Basic Event	Motion detection, video tampering alarm, exception (illegal login)
General	
Linkage Method	Upload to FTP, notify surveillance center, send email, trigger capture
Firmware Version	5.5.84
Web Client Language	English
General Function	Anti-flicker, heartbeat, mirror, privacy masks, flash log, password reset via e-mail
Software Reset	Yes
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)
Power Supply	12 VDC ± 25% PoE: (802.3af, 36 V to 57 V)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W
Power Interface	Ø5.5 mm coaxial power plug
Material	Aluminum front cover, plastic body
Camera Dimension	67.8 × 66.2 × 177.6 mm (2.7" × 2.6" × 7.0")

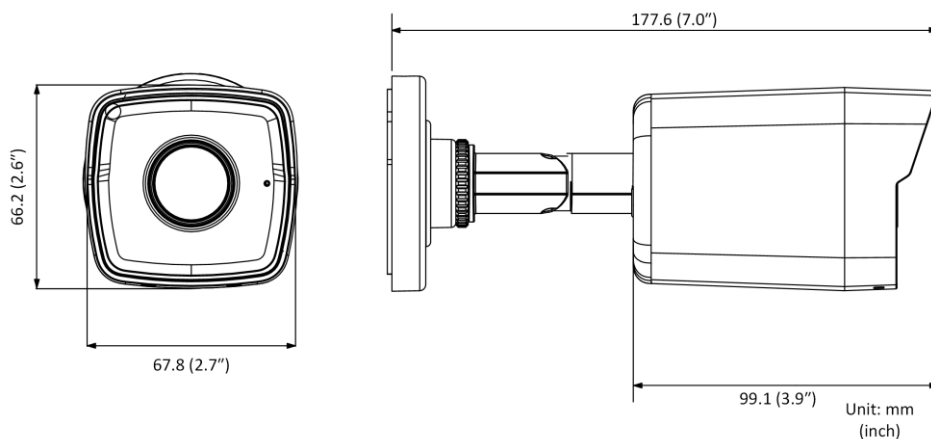
Package Dimension	216 × 121 × 118 mm (8.5" × 4.8" × 4.6")
Camera Weight	270 g (0.6 lb.)
With Package Weight	500 g (1.1 lb.)
Approval	
Protection	Ingression protection: IP66 (IEC 60529-2013)
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (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); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); 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)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3021G0-IU (2.8 mm, 4 mm)

Dimension



Accessory



DS-1280ZJ-XS
Junction Box

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