

DS-2CD3021G3E-LIU 2 MP Fixed Bullet Network Camera



- HikAI-ISP for well noise reduction, color correction and image quality improvement
- Motion Detection 3.0 detects persons and vehicles more accurately, reducing false alarms
- Smart Hybrid Light: integrates IR and white lights, 3 supplemental lighting modes
- Built-in microphone for real-time audio security
- Dust and water resistant (IP67)

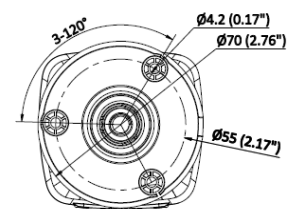
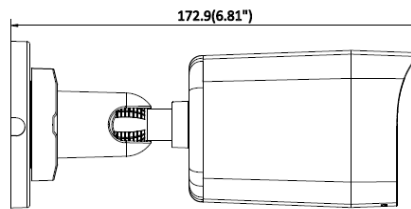
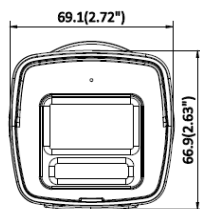
• Specification

Camera		
Image Sensor	4	1/2.9" Progressive Scan CMOS
Max. Resolution	1	1920 × 1080
Min. Illumination	3	Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time		1 s to 1/100,000 s
Day & Night		IR cut filter
Angle Adjustment		Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens		
Lens Type		Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV		2.8 mm, horizontal FOV 104°, vertical FOV 57°, diagonal FOV 121° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100°
Lens Mount		M12
Focus		NA
Iris Type		Fixed
Aperture		F1.6
Depth of Field		2.8 mm: 1.1 m to ∞ 4 mm: 1.2 m to ∞
DORI		
DORI		2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m
Illuminator		
Supplement Light Type		IR, White Light
Supplement Light Range		Up to 30 m
Smart Supplement Light		Yes
IR Wavelength		850 nm
Video		
Main Stream	2	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	8	Main stream: H.264+/H.264/H.265/H.265+, Sub-stream: MJPEG/H.264/H.265
Video Bit Rate		32 Kbps to 8 Mbps
H.264 Type		Baseline Profile, Main Profile, High Profile
H.265 Type		Main Profile
Bit Rate Control		CBR, VBR
Scalable Video Coding (SVC)		YES
Region of Interest (ROI)		1 fixed regions for each stream
Target Cropping		NO
Audio		
Audio Type		Mono sound
Audio Compression		-U: G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate		-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate		-U: 8 kHz/16 kHz
Environment Noise Filtering		-U: Yes

Network	
Protocols	DHCP,QoS,FTP,SSL/TLS,ICMP,RTSP,UDP,HTTPS,HTTP,DNS,IPv6,IPv4,IGMP,RTCP,RTP,DDNS,TCP/IP,UPnP,NTP,SMTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile T),ISAPI,SDK,ISUP,EZVIZ
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Network Storage	NO
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: Chrome 91+, Firefox 88+, Edge 91+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,AGC,adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Image Enhancement	BLC,HLC,3D DNR
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M Base-T self-adaptive Ethernet port
On-Board Storage	NA
Built-in Microphone	Yes,1 built-in microphone
Built-in Speaker	NA
Audio	NA
Alarm	NA
Reset Key	NA
Event	
Basic Event	Video tampering alarm, motion detection (support alarm triggering by specified target types (human, vehicle)), exception
Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggering by specified target types (human, vehicle and animal))
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture
Deep Learning Function	
Perimeter Protection	NO
Face Capture	NO
General	
Power	LIU: 12 VDC ± 25%, 0.55 A, max. 6.6 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8.0 W
Dimension	69.1 mm × 66.9 mm × 172.9 mm (2.72" × 2.63" × 6.81")
Package Dimension	216 mm × 121 mm × 118 mm (8.50" × 4.76" × 4.65")

Weight	Approx. 290 g (0.64 lb.)
With Package Weight	Approx. 430 g (0.95 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions 12	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Language	English, Russian, Ukrainian, Arabic, Spanish, French, Portuguese, Turkish, Polish, German
General Function	Heartbeat,mirror,password reset via email,password protection,anti-banding
Flashing Light	NA
Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection 11	IP67 : IEC 60529-2013

▪ Dimension



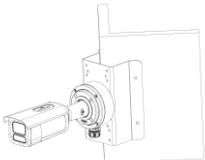
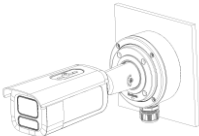
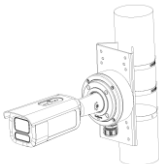
Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

DS-1276ZJ-SUS	DS-1280ZJ-XS	DS-1275ZJ-SUS
		

▪ **Installation Methods**

Corner Mounting DS-1276ZJ-SUS+DS-1280ZJ-XS	Junction Box DS-1280ZJ-XS	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1280ZJ-XS
		

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