

DS-2CD1031G0-I 3 MP Fixed Bullet Network Camera



- High quality imaging with 3 MP resolution
- Water and dust resistant (IP67)
- Easy installation with Power over Ethernet (PoE) technology

▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	2304 × 1296
Min. Illumination	Color: 0.01 Lux @ (F2.2, 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 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 99°, vertical FOV 54°, diagonal FOV 120° 4 mm, horizontal FOV 84°, vertical FOV 46°, diagonal FOV 100°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.2
DORI	
DORI	2.8 mm, D: 55 m, O: 21 m, R: 11 m, I: 5 m 4 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m
Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 20 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 24 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, Sub-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
Bit Rate Control	CBR, VBR
Network	
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, UDP, QoS
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+

Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Image Settings	Saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, exception
Linkage	Notify surveillance center
General	
Power	12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 6.5 W
Material	Plastic
Dimension	138.8 mm × 60.9 mm × 57.9 mm (5.5" × 2.4" × 2.3")
Package Dimension	163 mm × 75 mm × 75 mm (6.4" × 3.0" × 3.0")
Weight	Approx. 175 g (0.4 lb.)
With Package Weight	Approx. 250 g (1.1 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)
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4:2011 +A1: 2014
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	IP67: IEC 60529-2013

▪ Typical Application

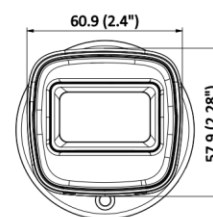
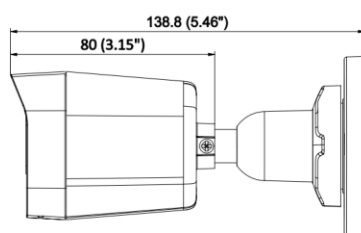
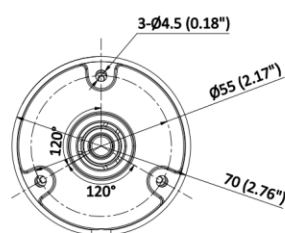
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines,

	docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Dimension



Unit:mm (inch)

▪ Accessory

▪ Optional

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

▪ Installation Methods

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

See Far, Go Further



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