

DS-2CD1023G0-IUF 2 MP Fixed Bullet Network Camera



HIKVISION _



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to DWDR technology
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- Support up to 256 GB SD card storage
- Built-in microphone for real-time audio security



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Specification

Camera			
Image Sensor	1/2.7" Progressive Scan CMOS		
Max. Resolution	1920 × 1080		
Min. Illumination	Color: 0.01 Lux @(F2.0, 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 180°, rotate: 0° to 360°		
Lens			
Focal Length & FOV	2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV 132.2°		
	4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6°		
Lens Mount	M12		
Iris Type	Fixed		
Aperture	F2.0		
Illuminator			
Supplement Light Type	IR		
Supplement Light Range	Up to 30 m		
Smart Supplement Light	Yes		
IR Wavelength	850 nm		
Video			
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720)		
Wall Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720)		
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)		
Sub-Silealli	60 Hz: 30 fps (640 × 480, 640 × 360)		
Video Comprossion	Main Stream: H.265/H.264/H.264+/H.265+		
Video Compression	Sub-Stream: H.265/H.264/MJPEG		
Video Bit Rate	32 Kbps to 8 Mbps		
Н.264 Туре	Baseline Profile/Main Profile/High Profile		
Н.265 Туре	Main Profile		
Region of Interest (ROI)	1 fixed region for main stream		
Audio			
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC		
Audio Bit Rate	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)		
Audio Sampling Rate	8 kHz/16 kHz		
Environment Noise Filtering	Yes		
Network			
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP,		
	SMTP, IGMP, 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	MicroSD/SDHC/SDXC card (256 GB) local storage		
Client	iVMS-4200, Hik-Connect		



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	Plug-in required live view: IE 10+		
Web Browser			
	Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+		
Image			
iniage	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client		
Image Settings	software or web browser.		
Day/Night Switch	Day, Night, Auto, Schedule		
Wide Dynamic Range (WDR)	Digital WDR		
SNR			
-	≥ 52 dB		
Image Enhancement	BLC, 3D DNR		
Interface	1 DIAE 10 NA/100 NA colf a doubting Ethermatics and		
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
On-Board Storage	Built-in memory card slot, support microSD card, up to 256 GB		
Built-in Microphone	Yes		
Reset Key	Yes		
Event			
Basic Event	Motion detection, video tampering alarm, exception		
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,		
5	trigger capture		
General			
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug		
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W		
Dimension	177.6 mm × 66.2 mm × 67.8 mm (7.0" × 2.6" × 2.7")		
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")		
Weight	Approx. 270 g (0.6 lb.)		
With Package Weight	Approx. 490 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	-30 °C to 60 °C (-22 °E to 140 °E) Humidity: 95% or less (non-condensing)		
Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)		
Language	English, Ukrainian		
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP		
General i unction	address filter		
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)		
	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);		
Safety	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)		
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.

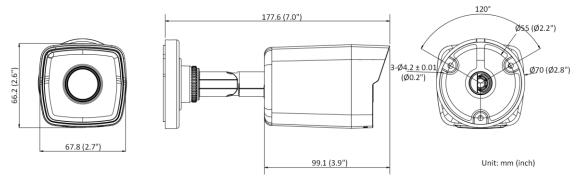
This model has NO SPECIFIC PROTECTION.
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Level	Description	
	Hikvision products at this level are equipped for use in areas where professional	
Top-level protection	anti-corrosion protection is a must. Typical application scenarios include coastlines,	
	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.	

Available Model

DS-2CD1023G0-IUF(2.8mm)(C) DS-2CD1023G0-IUF(4mm)(C)

Dimension

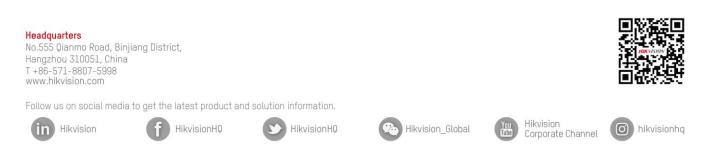




Accessory

Optional

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-XS Junction box
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