DS-2CV1123G2-IDWF(B)
2 MP Outdoor Fixed Dome Network Camera with Build-in Mic





- High quality imaging with 2 MP resolution
- Realizing Wi-Fi connection and easy installation
- Efficient H.265 compression technology
- EXIR 2.0, advanced infrared technology with long IR distance
- Support Human Detection
- Water and dust resistant (IP66)

▪ Specification

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON),B/W: 0 Lux with IR
Max. Resolution	1920 × 1080
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°,tilt: 0° to 75°,rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 104.9°, vertical FOV 58.3°, diagonal FOV 123.3° 4 mm, horizontal FOV 81.3°, vertical FOV 43.7°, diagonal FOV 96.9°
Aperture	F2.0
Lens Mount	M12
Iris Type	Fixed
Depth of Field	2.8 mm: 0.8 m to ∞ 4 mm: 1.1 m to ∞
Pixel Density	
DORI	2.8 mm, D: 42 m, O: 16 m, R: 8 m, I: 4 m 4 mm, D: 57 m, O: 22 m, R: 11 m, I: 5 m
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, 768 x 432) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 768 x 432)
Sub-Stream	50 Hz: 25 fps (768 × 432) 60 Hz: 30 fps (768 × 432)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264
Video Bit Rate	32 Kbps to 4 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711(ulaw)/ (AAC-LC)
Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes

Network	
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)
Simultaneous Live View	Up to 6 channels
API	ISAPI,SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, UPnP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200 *Wi-Fi connection with Hik-Connect directly is not possible
Web Browser	Chrome 57.0+, Firefox 52.0+, Edge 89+
Wi-Fi	
Wi-Fi Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40MHz (Only 11n supports 40MHz)
Modulation	802.11b: DBPSK, DQPSK, CCK 802.11g: BPSK, QPSK, 16QAM, 64QAM 802.11n: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Encryption Mode	WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK
Transfer Rate	IEEE802.11b: up to 11 Mbps IEEE802.11g: up to 54 Mbps IEEE802.11n: up to 150 Mbps IEEE802.11ax: up to 114 Mbps
Wireless Range	Up to 120 m (The performance varies based on actual environment)
Antenna	2 Antennas
Image	
Image Parameters Switch	Yes
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
Privacy Mask	4 programmable polygon privacy masks
Interface	
Built-in Microphone	Yes
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port

Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle))
Linkage	Notify surveillance center,audible warning
General	
Power	12 VDC ± 25%, 0.6 A, max. 7.2 W,Ø5.5 mm coaxial power plug,reverse polarity protection,A switching adapter is included in the package.
Language	English, Ukranian
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)
Material	Base: Metal, front cover: Polycarbonate, back cover: Polycarbonate
Dimension	Ø125.9 mm × 96.1 mm (Ø5.0" × 3.8")
Package Dimension	170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
Weight	Approx. 590 g (1.3 lb.)
General Function	Heartbeat,mirror,password protection,anti-banding
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
RF	CE-RED: EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1 (BT or 2.4G); EN 300328 V2.1.1 (BT or 2.4G); EN 62311:2008 (BT or 2.4G)
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	IP66: IEC 60529-2013

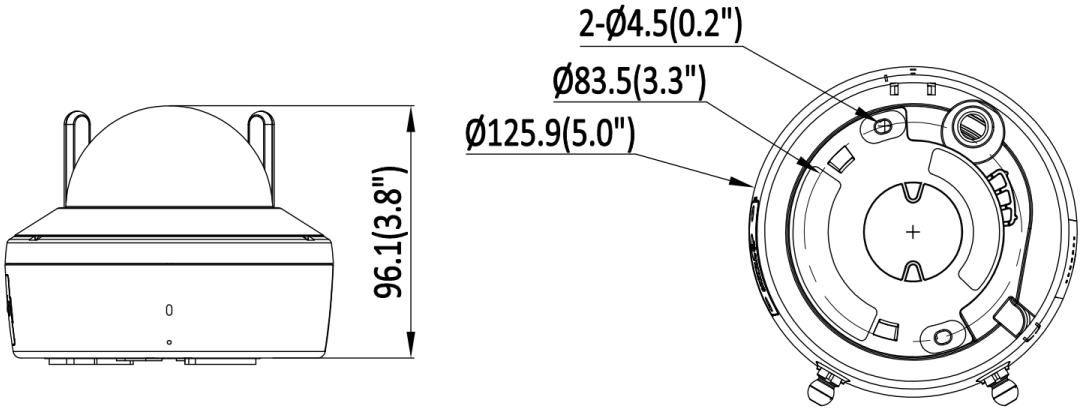
▪ Typical Application

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-1271ZJ-120	DS-1272ZJ-120	DS-1272ZJ-120B
		

See Far, Go Further

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