DS-2CV1043G2-LIDW(F)(B)
4 MP Outdoor Wi-Fi Fixed Bullet Network Camera



- High quality imaging with 4 MP resolution
- Support Wi-Fi 6
- Good night-time performance with up to 30 m IR and 30 m white light
- Built-in microphone and speaker, support two-way audio
- Support Human and Vehicle Detection
- Water and dust resistant (IP66)
- Support on-board storage up to 512 GB (SD card slot)

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.005 Lux @ (F1.6, 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, 4, and 6 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 114° 4 mm, horizontal FOV 70°, vertical FOV 35°, diagonal FOV 85° 6 mm, horizontal FOV 46°, vertical FOV 24°, diagonal FOV 54°
Aperture	F1.6
Iris Type	Fixed
Lens Mount	M12
Depth of Field	2.8 mm: 1.3 m to ∞ 4 mm: 2 m to ∞ 6 mm: 4.1 m~44 m
DORI	
DORI	4 mm, D: 68 m, O: 27 m, R: 13 m 4 mm, D: 100 m, O: 39 m, R: 20 m, I: 10 m 6 mm, D: 142 m, O: 56 m, R: 28 m, I: 14 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 20 fps (2560 x 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 x 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 20 fps (768 × 432) 60 Hz: 20 fps (768 × 432)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG
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
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	ONVIF (Profile S, Profile G, Profile T), 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	Wired network: Hik-Connect, iVMS-4200 Wi-Fi: iVMS-4200 *Wi-Fi connection with Hik-Connect directly is not possible
Web Browser	Local service: IE 11, 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	20/40 MHz
Modulation	802.11n: QPSK, BPSK, 16QAM, 64QAM, 802.11b: CCK, QPSK, BPSK, 802.11g: QPSK, BPSK, 16QAM, 64QAM
Transfer Rate	11n: up to 300 Mbps
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	
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes
Built-in Speaker	Yes
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)), exception
Linkage	Notify surveillance center, send email, trigger recording, trigger capture, audible warning
General	
Power	12 VDC ± 25%, 0.55 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, A switching adapter is included in the package.
Material	Base: plastic, front cover: metal, back cover: plastic

Dimension	260.9 mm × 113.9 mm × 67.4 mm (10.3" × 4.5" × 2.7")
Package Dimension	300 mm × 130 mm × 100 mm (10.2" × 5.1" × 4.9")
Weight	Approx. 310 g (0.68 lb.)
With Package Weight	Approx. 550 g (1.21 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
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.

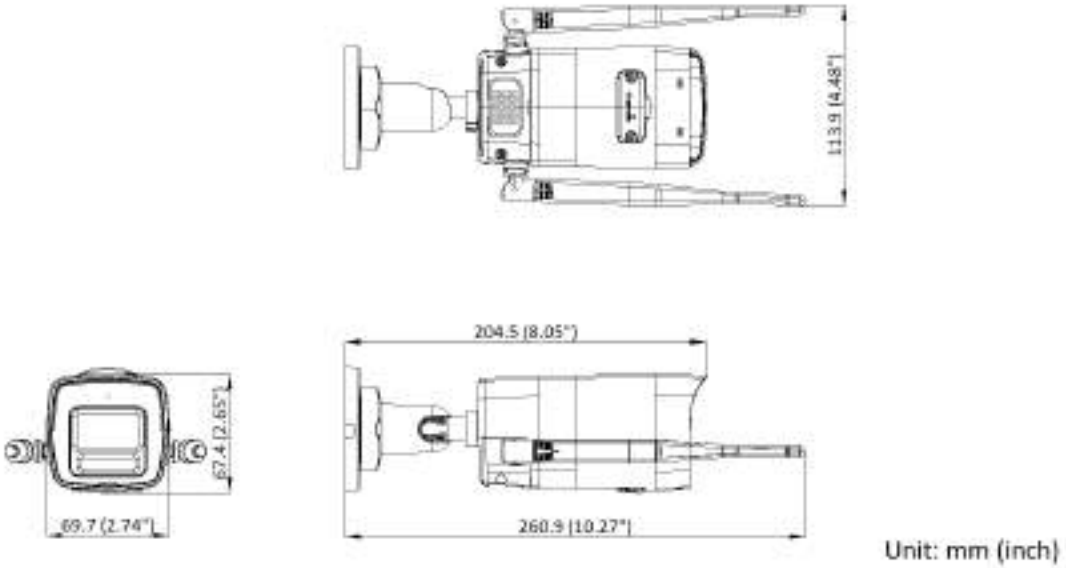
▪ Available Model

DS-2CV1043G2-LIDWF(2.8mm)(B)

DS-2CV1043G2-LIDWF(4mm)(B)

DS-2CV1043G2-LIDWF(6mm)(B)

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪ Optional

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

See Far, Go Further

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