

## DS-2CV1F43G2-LIDWF(B) 4 MP Indoor Wi-Fi Fixed PT Turret Network Camera



- Support Wi-Fi 6
- Good night-time performance with up to 20 m IR and 15 m white light
- Built-in microphone and speaker, support two-way audio
- Digital WDR, HLC, BLC, 3D DNR
- High quality imaging with 4 MP resolution

## ▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0.005Lux @ (F2.0, AGC ON), 0 Lux with IR
Lens	
Focal Length	2.8 mm 4 mm
FOV	4 mm: Horizontal field of view: 69.9°, vertical field of view: 34.9°, diagonal field of view: 84.9° 2.8 mm: Horizontal field of view: 91.1°, vertical field of view: 47.9°, diagonal field of view: 110.8°
Aperture	4mm: F1.6 2.8mm: F2.0
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	IR distance: up to 20 m, White light distance: up to 15 m
IR Wavelength	850 nm
PTZ	
Movement Range (Pan)	0° to 350°
Movement Range (Tilt)	0° to 75°
Pan Speed	Up to 20°/s
Tilt Speed	Up to 10°/s
Video	
Main Stream	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440), 24 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (768 × 432) 60 Hz: 30 fps (768 × 432)
Video Compression	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
Audio	
Audio Compression	G.711ulaw/AAC-LC
Audio Bit Rate	AAC-LC: 16 Kbps, 32 Kbps, 64 Kbps; G.711ulaw: 64 Kbps
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	IPv4, IPv6, HTTP, QoS, SMTP, NTP, RTSP, RTP, RTCP, TCP/IP, UDP, DHCP, Bonjour
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK, Hik-Connect
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, host authentication (MAC address), basic and digest authentication for HTTP/HTTPS

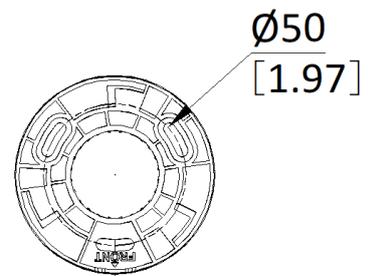
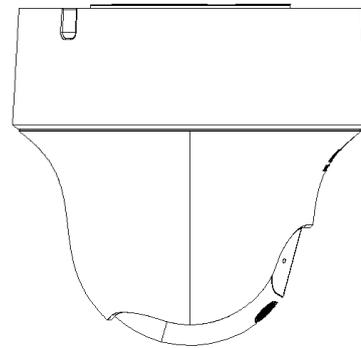
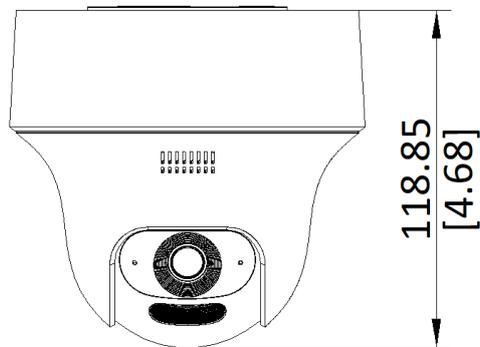
Client	Wired network: Hik-Connect, iVMS-4200 Wi-Fi: iVMS-4200 *Wi-Fi connection with Hik-Connect directly is not possible
<b>Wireless (Wi-Fi)</b>	
Wi-Fi Protocols	IEEE802.11b, IEEE802.11g, IEEE802.11n, IEEE802.11ax
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11b: DBPSK, DQPSK, CCK, 802.11g: BPSK, QPSK, 16QAM, 64QAM, 802.11n: BPSK, QPSK, 16QAM, 64QAM, 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Transfer Rate	11b: up to 11 Mbps, 11n: up to 150 Mbps, 11g: up to 54 Mbps, 11ax: up to 114 Mbps
<b>Image</b>	
Image Settings	Saturation, brightness, contrast, and sharpness adjustable by client software or web browser
Wide Dynamic Range (WDR)	Digital WDR
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 programmable polygon privacy masks
<b>Interface</b>	
Ethernet Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Built-in Microphone	1 built-in microphone
On-board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Speaker	1 built-in speaker
<b>Event</b>	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	notify surveillance center, send email, trigger recording, trigger capture, audible warning
<b>General</b>	
Language	English, Ukrainian
<b>General</b>	
Power	12 VDC $\pm$ 25%, reverse polarity protection, 0.75 A, max. 9 W, $\varnothing$ 5.5 mm coaxial power plug
Dimension	$\varnothing$ 124 mm $\times$ 119 mm ( $\varnothing$ 4.89" $\times$ 4.68")
Weight	Weight: Approx. 290 g (0.6 lb.) With Package Weight: Approx. 390 g (0.8 lb.)
Material	Plastic
Operating Condition	-10 $^{\circ}$ C to 40 $^{\circ}$ C (-14 $^{\circ}$ F to 104 $^{\circ}$ F). Humidity 90% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
<b>Approval</b>	
Protection	IP54

### ▪ Available Model

DS-2CV1F43G2-LIDWF(2.8mm)(B)

DS-2CV1F43G2-LIDWF(4mm)(B)

▪ Dimension



Unit: mm [inch]

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