HIKVISION®

DS-2CV1F23G2-LIDWF(B)
2 MP Indoor Wi-Fi Fixed PT Turret Network Camera

- Support Wi-Fi 6

- Built-in microphone and speaker, support two-way audio

- Good night-time performance with up to 20 m IR and 15 m white light

- Digital WDR, HLC, BLC, 3D DNR

- High quality imaging with 2 MP resolution

▪ Specification

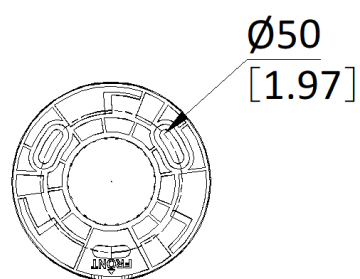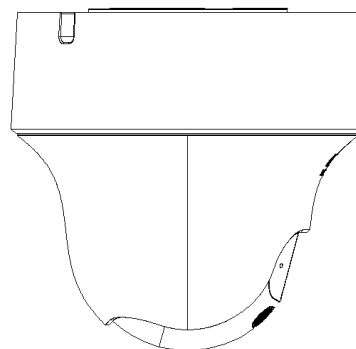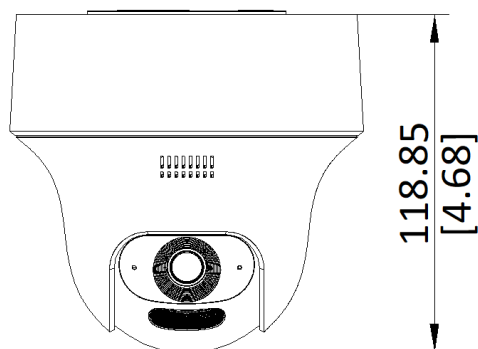| Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.03 Lux @ (F2.2, AGC ON), B/W: 0.015Lux @(F2.2, AGC ON), 0 Lux with IR
Lens	
Focal Length	2.8 mm 4 mm
FOV	2.8mm: 96.5°, vertical field of view: 52°, diagonal field of view: 115.5° 4mm: Horizontal field of view: 76.8°, vertical field of view: 42.5°, diagonal field of view: 89.7°
Aperture	F2.2
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	White light distance: up to 15 m, IR distance: up to 20 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 (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (768 x 432) 60 Hz: 30 fps (768 x 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	Open Network Video Interface (Version 18.12, 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, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, host authentication (MAC address)

Client	Wired network: Hik-Connect, iVMS-4200
	Wi-Fi: iVMS-4200
	*Wi-Fi connection with Hik-Connect directly is not possible
Wireless (Wi-Fi)	
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, 11g: up to 54 Mbps, 11n: up to 150 Mbps, 11ax: up to 114 Mbps
Image	
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
Interface	
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
Event	
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
General	
Language	English, Ukrainian
General	
Power	12 VDC ± 25%, reverse polarity protection, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug
Dimension	Ø124 mm × 119 mm (Ø4.89" × 4.68")
Weight	Weight:Approx. 290 g (0.6 lb.)
	With Package Weight:Approx. 390 g (0.8 lb.)
Material	Plastic
Operating Condition	-10 °C to 40 °C (-14 °F to 104 °F). Humidity 90% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Approval	
Protection	IP54

▪ **Available Model**

DS-2CV1F23G2-LIDWF(2.8mm)(B)
DS-2CV1F23G2-LIDWF(4mm)(B)

▪ Dimension

118.85
[4.68]

Ø50
[1.97]

⌀ 124.3
[4.89]

Unit: mm [inch]

SCALE	1:1

See Far, Go Further

HIKVISION®