

DS-2CV1041G1-IDW

4 MP IR Fixed Bullet Wi-Fi Network Camera



- 1/3" Progressive Scan 4MP CMOS
- Built-in dual antenna 2.4G Wi-Fi, up to 120m range in open area
- Built-in microphone
- H.265+, H.265, H.264+, H.264
- EXIR, 30m IR range
- IP66 Dust and water proof



▪ Specification

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
P/N	P/N
Wide Dynamic Range	DWDR
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°
Aperture	F1.6
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 20 fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 20 fps (640 × 360) 60Hz: 20 fps (640 × 360)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Bit Rate Control	CBR/VBR
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps(G.711 ulaw)/64 Kbps(G.711 alaw)/16Kbps(G.722.1)/16 Kbps(G.726)/32-160Kbps(MP2L2)/16-64Kbps(AAC)
Network	
Simultaneous Live View	Up to 6 channels
API	ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour
Smooth Streaming	Yes

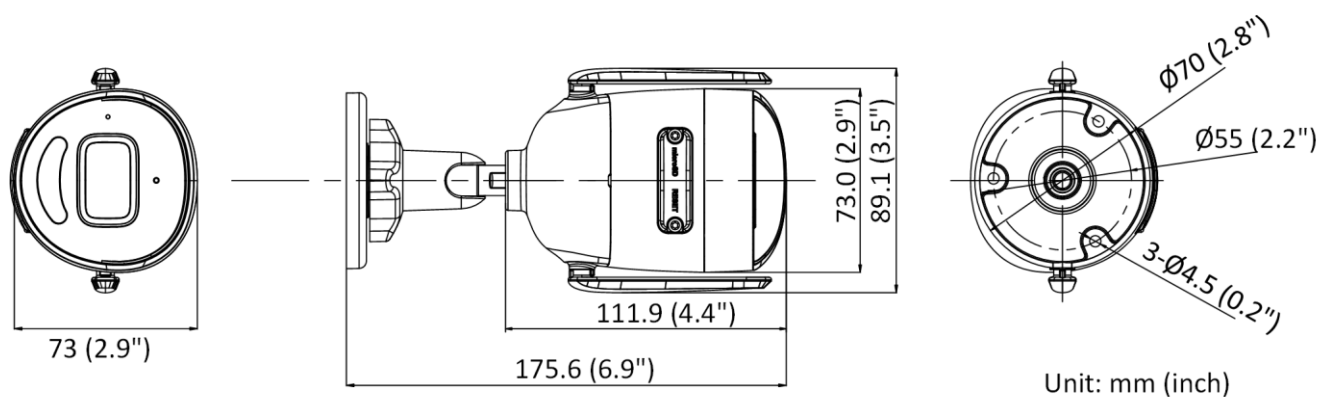
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.2
Network Storage	NAS (NFS, SMB/CIFS)
Client	Wired network: iVMS-4200, Hik-Connect Wi-Fi: iVMS-4200
Web Browser	Plug-in required live view: IE10, IE11 Local service: Chrome 57.0+, Firefox 52.0+
Alarm Trigger	Motion detection, exception
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥ 52 dB
Interface	
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Linkage Method	Upload to memory card/NAS, notify surveillance center, trigger record, trigger capture
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)
Power Supply	12 VDC ± 25%
Power Consumption and Current	12 VDC, 0.45 A, max. 5.4 W
Power Interface	∅5.5 mm coaxial power plug
Material	Aluminum alloy front cover, plastic body
Camera Dimension	175.6 × 73.0 × 89.1 mm (6.91" × 2.87" × 3.51")
Package Dimension	260 × 125 × 125 mm (10.24" × 4.92" × 4.92")
Camera Weight	330 g (0.7 lb.)
Web Client Language	English
General Function	Anti-flicker, heartbeat, password reset via e-mail, pixel counter
Software Reset	Yes
Approval	
EMC	FCC ID (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 (ICES-003: Issue 6, 2016);
RF	FCC ID (FCC Part 15.247(BT or 2.4G)); IC ID (RSS-247(BT or 2.4G)); 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	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013);
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) Reach Regulation (EC) No 1907/2006
Protection	Ingress protection: IP66 (IEC 60529-2013)
Wi-Fi	
Wi-Fi Protocol	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11b: CCK 802.11g: OFDM 802.11n: OFDM
Wireless Range	Up to 120 m (The performance varies based on actual environment)
Encryption Mode	64/128-bit WEP, WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK

▪ Available Model

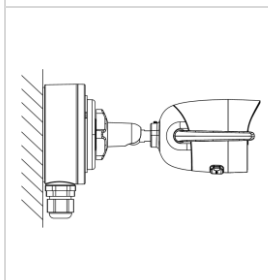
DS-2CV1041G1-IDW (2.8 mm)(D)

▪ Dimension



- Accessory
- Optional

DS-1280ZJ-XS Junction Box



Distributed by



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