

DS-2CV2121G2-IDW 2 MP EXIR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Realizing Wi-Fi connection and easy installation
- Provides real-time security via built-in two-way audio
- Efficient H.265 compression technology
- EXIR 2.0, advanced infrared technology with long IR distance
- Water and dust resistant (IP66)
- Support micro SD/SDHC/SDXC card, up to 256 GB



▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.6, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type & FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 104°
Aperture	F1.6
Lens Mount	M12
Illuminator	
Smart Supplement Light	Yes
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25 fps (1920 × 1080, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25 fps (640 × 360) 60Hz: 30 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	64Kbps(G.711 ulaw)/64Kbps(G.711 alaw)/16Kbps(G.722.1)/16Kbps(G.726)/32 to 160Kbps(MP2L2)/16 to 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

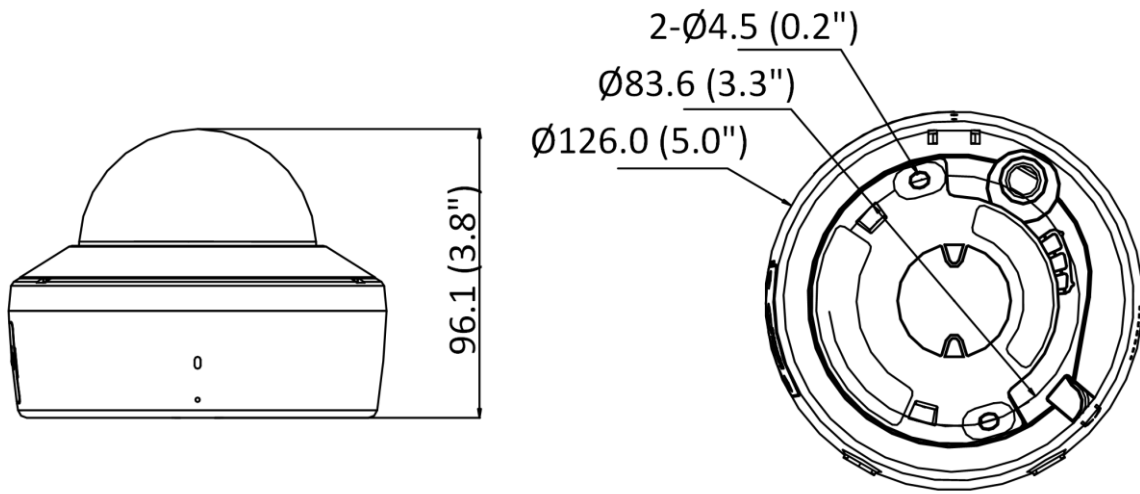
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS
Network Storage	MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Client	Wired network: iVMS-4200, Hik-Connect Wi-Fi: iVMS-4200
Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Mirror, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥ 52 dB
Interface	
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Smart Feature-Set	
Basic Event	Motion detection, audible alarm output, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
General	
Linkage Method	Upload to memory card/NAS, notify surveillance center, trigger record, trigger capture, audible warning
Web Client Language	English
General Function	Anti-flicker, heartbeat, password reset via e-mail
Software Reset	Yes
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, 0.6 A, max. 7 W
Power Interface	Ø5.5 mm coaxial power plug
Camera Dimension	Ø126.0 × 96.1 mm (Ø5.0" × 3.8")
Package Dimension	170 × 170 × 150 mm (7.0" × 7.0" × 5.9")
Camera Weight	Approx. 590 g (1.3 lb.)
With Package Weight	Approx. 989 g (2.2 lb.)
Approval	
EMC	FCC SDoC (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 VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)

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)); WPC (EN 301 489-1 V2.1.1(BT or 2.4G); EN 301 489-17 V3.1.1(BT or 2.4G); EN 300 328 V2.1.1(BT or 2.4G); EN 62311:2008(BT or 2.4G); EN 55032:2015; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 50130-4:2011 +A1:2014); KC (KN 32:2015; KN 35: 2015; KN 301489-1; KN 301489-17); ICASA (EN 301 489-1 V2.1.1(BT or 2.4G); EN 301 489-17 V3.1.1(BT or 2.4G); EN 300 328 V2.1.1(BT or 2.4G); EN 62311:2008(BT or 2.4G); EN 55032:2015; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 50130-4:2011 +A1:2014; EN 60950-1:2005 + Am 1:2009 + Am 2:2013)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU) WEEE (2012/19/EU) Reach (Regulation (EC) No 1907/2006)
Protection	IP66 (IEC 60529-2013)
Wi-Fi	
Encryption Mode	64/128-bit WEP, WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK
Wi-Fi Protocol	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Frequency Range	2.412 GHz - 2.472 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM
Transfer Rate	300 Mbps
Wireless Range	Up to 120 m (The performance varies based on actual environment)

▪ Available Model

DS-2CV2121G2-IDW (2.8/4 mm)

▪ Dimension



Unit: mm (inch)

▪ Accessory

▪ Optional

DS-1271ZJ-120 Pendant Mount	DS-1272ZJ-120B Wall Mount	DS-1272ZJ-120 Wall Mount



Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA

T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia

T +61-2-8599-4233
salesau@hikvision.com

Hikvision India

T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada

T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand

T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe

T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy

T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil

T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey

T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia

T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland

T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa

Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France

T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan

T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam

T +84-974270888
sales.vt@hikvision.com

Hikvision UAE

T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore

T +65-6684-4718
sg@hikvision.com

Hikvision Spain

T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent

T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong

T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia

T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea

T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland

T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia

T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia

sales.colombia@hikvision.com