

DS-2CD2121G0-I(W)(S) 2 MP IR Fixed Dome Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal proof (IK10)



▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.028Lux @(F2.0, AGC ON) B/W: 0.0028 Lux @(F2.0, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120 dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
Lens	
Focus	Fixed
Lens Type	2.8/4/6 mm
FOV	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°
Aperture	F2.0
Lens Mount	M12
Auto-Iris	No
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25 fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30 fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
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
H.264+	Main stream supports
H.265+	Main stream supports
Scalable Video Coding (SVC)	No
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Environment Noise Filtering	-S: Yes
Audio Sampling Rate	-S: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	-S: G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	-S: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Network	
Simultaneous Live View	Up to 6 channels

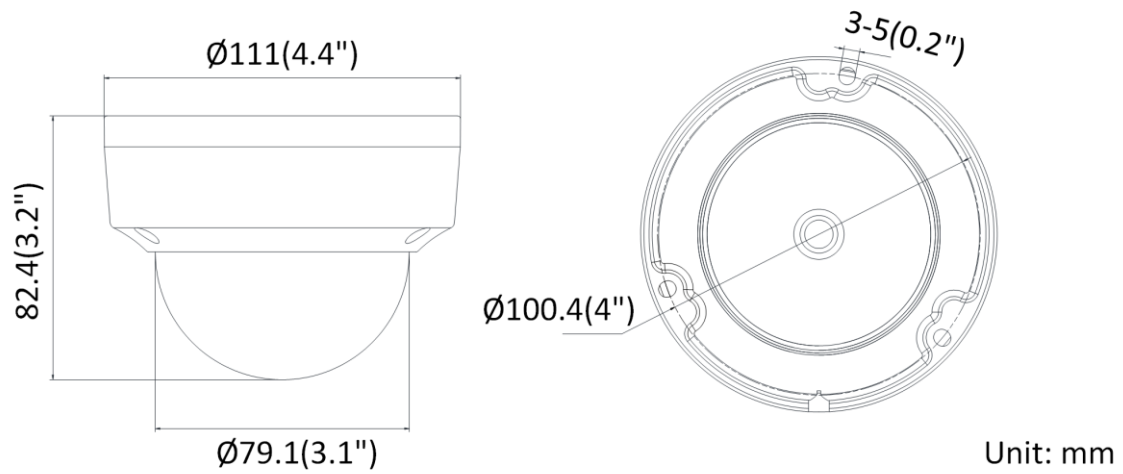
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Network Storage	Support built-in micro SD/micro SDHC/micro SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Client	Wired network: Hik-Connect, iVMS-4200, iVMS-5200, iVMS-4500 Wi-Fi: iVMS-4200, iVMS-5200, iVMS-4500
Web Browser	IE 8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Image	
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by alarm in (-S)
Target Cropping	No
DNR	3D DNR
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Interface	
Audio	-S: 1 input (line in), 1 output (line out), mono sound
Alarm	-S: 1 input, 1 output
Video Output	No
On-board Storage	Built-in micro SD/micro SDHC/micro SDXC slot, up to 128 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Smart Feature-Set	
Smart Event	Line crossing detection, intrusion detection
General	
Firmware Version	V5.5.98
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
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%, PoE (802.3af, class 3)
Power Consumption and Current	PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W; 12 VDC, 0.4 A, max. 5 W
Camera Material	Front cover: plastic, base: metal
Camera Dimension	Camera: Ø111 × 82.4 mm (Ø4.4" × 3.2") With package: 135 × 135 × 110 mm (5.3" × 5.3" × 4.3")
Camera Weight	Camera: approx. 497 g (1.1 lb.) With package: approx. 597 g (1.3 lb.)
Approval	
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10(IEC 62262:2002)
Wi-Fi	
Encryption Mode	-W: 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Wi-Fi Protocol	IEEE 802.11b/g/n
Frequency Range	-W: 2.4 GHz to 2.4835 GHz

Channel Bandwidth	-W: 20/40 MHz
Transfer Rate	-W: 11b: 11 Mbps 11g: 54 Mbps 11n: 65 Mbps
Wireless Range	-W: 50 m

▪ **Available Models**

- DS-2CD2121G0-I (2.8 mm, 4 mm, 6 mm)
- DS-2CD2121G0-IS (2.8 mm, 4 mm, 6 mm)
- DS-2CD2121G0-IW (2.8 mm, 4 mm)
- DS-2CD2121G0-IWS (2.8 mm, 4 mm)

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

DS-1271ZJ-110 Pendant Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1250ZJ Rain Shield	DS-1276ZJ-SUS Corner Mount	DS-1259ZJ Inclined Ceiling Mount
				
DS-1258ZJ Wall Mount	DS-1272ZJ-110 Wall Mount	DS-1280ZJ-DM18 Junction Box	DS-1272ZJ-110B Wall Mount	
				

Distributed by



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