DS-2CD3721G2-IZS
2MP Varifocal Dome Network Camera





- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to WDR technology
- 3D DNR technology delivers clean and sharp images
- Easy installation with Power over Ethernet (PoE) technology
- Water and dust resistant (IP67) and vandal proof (IK10)

▪ Specification

Camera		
Image Sensor	3.5	1/2.8" Progressive Scan CMOS
Max. Resolution	3.1	1920 × 1080
Min. Illumination	3.4	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light
Shutter Time		1/3 s to 1/100,000 s
Day & Night	3.3	IR cut filter
Angle Adjustment		Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens		
Lens Type		Varifocal lens, motorized lens, 2.7 to 13.5 mm
Focal Length & FOV	3.5	2.7 to 13.5 mm, horizontal FOV 111.5° to 33.4°, vertical FOV 58.4° to 18.8°, diagonal FOV 134.3° to 38.3°
Lens Mount		Integrated
Iris Type		Fixed
Aperture		Max. F1.6
Depth of Field		Wide: 0.7 m to ∞ Tele: 2.7 m to ∞
DORI		
DORI		Wide: D: 42.7 m, O: 16.9 m, R: 8.5 m, I: 4.3 m Tele: D: 132 m, O: 52.4 m, R: 26.4 m, I: 13.2 m
Illuminator		
Supplement Light Type		IR
Supplement Light Range		Up to 40 m
Smart Supplement Light		Yes
IR Wavelength		850 nm
Video		
Main Stream	3.2	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream		50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream		50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360)
Video Compression	3.9	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264
Video Bit Rate		32 Kbps to 8 Mbps
H.264 Type	3.11	Baseline Profile, Main Profile, High Profile
H.265 Type		Main Profile
Bit Rate Control		CBR, VBR
Region of Interest (ROI)		1 fixed region for main stream and sub-stream
Audio		
Audio Type		Mono sound
Environment Noise Filtering		Yes
Audio Sampling Rate		8 kHz/16 kHz
Audio Compression		G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

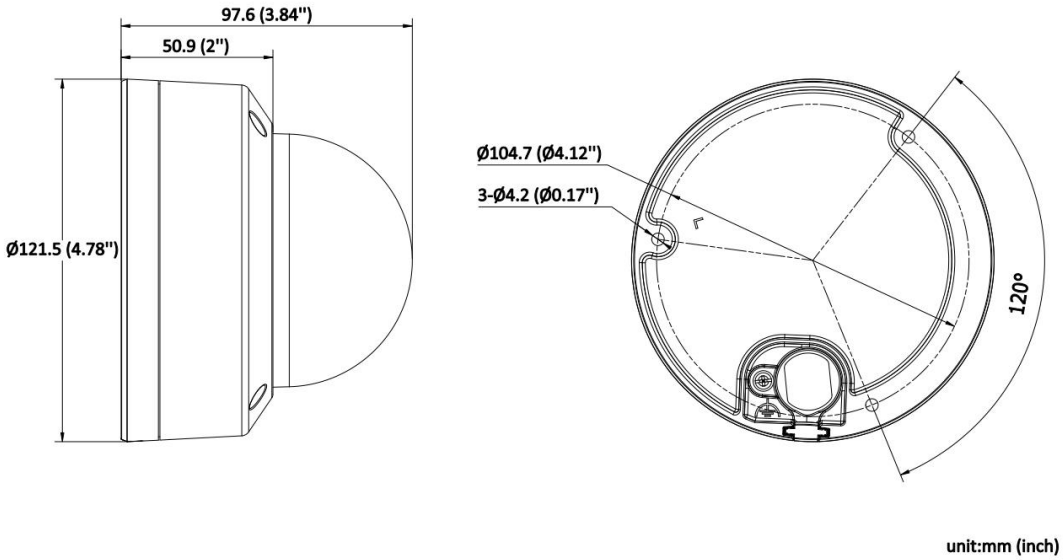
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Network	
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-MD5), watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, IPv4, IPv6, UDP, QoS, FTP, SMTP, SNMP v2c/v3, HTTPS, DDNS, UPnP, 802.1X
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, trigger recording, trigger capture
General	
Power	12 VDC ± 25%, 0.8 A, max. 12 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3
Material	Metal
Dimension	Ø121.5 mm × 97.6 mm (Ø4.78" × 3.84")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")

Weight	Approx. 885 g (1.95 lb.)
With Package Weight	Approx. 1440 g (3.17 lb.)
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)
Language	English, Turkish, Polish, Romanian, Czech, Slovak, Traditional Chinese, Thai, Vietnamese, Croatian, Slovenian, Serbian, Ukrainian
General Function	Heartbeat, mirror, password reset via email, pixel counter, password protection, anti-banding
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU
Protection	IP67: IEC 60529-2013, IK10: IEC 62262:2002

▪ Available Model

DS-2CD3721G2-IZS (2.7 to 13.5 mm)

▪ Dimension



unit:mm (inch)

▪ Accessory

▪ Optional

DS-1272ZJ-120B Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1253ZJ-M Rain Shade	DS-1272ZJ-120 Wall Mount
				

DS-1271ZJ-120 Pendant Mount	DS-1280ZJ-DM46 Junction Box
	

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