

DS-2CD6984G1/VR-U/NFC
32 MP 720° VR Network Camera



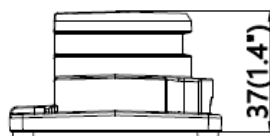
- High quality imaging with 8 MP resolution for each lens.
- 4 lenses cover up to 720° splicing image to present all scenes that covered by the camera.
- Efficient H.265 compression technology.
- Support on-board storage up to 512 GB (SD card slot)
- 1 FC fiber optical interface, SFP module, single mode, 20 km transmission distance
- Water and dust resistant (IP66)

▪ Specification

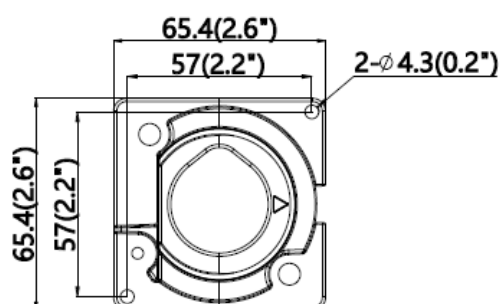
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	Panorama: 7680 × 3840, Original: 3840 × 2160
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON)
Shutter Time	1 s to 1/100,000 s
Lens	
Lens Type	Fixed focal lens, 2 mm
Focal Length & FOV	2 mm, horizontal FOV 360°, vertical FOV 360°
Aperture	F2.0
DORI	
DORI	D: 46.0 m, O: 18.3 m, R: 9.2 m, I: 4.6 m
Video	
Main Stream	Panorama: 50 Hz: 25 fps (7680 × 3840, 5760 × 2880, 3840 × 1920) 60 Hz: 30 fps (7680 × 3840, 5760 × 2880, 3840 × 1920) Original: 50 Hz: 25 fps (3840 × 2160) 60 Hz: 30 fps (3840 × 2160)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+
Video Bit Rate	32 Kbps to 64 Mbps
H.264 Type	High Profile,Baseline Profile,Main Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Audio	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/16 to 64 Kbps(AAC-LC)/8 to 48 Kbps (PCM)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Network	
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2, TLS 1.3, AES128/256
Network Storage	NAS (NFS, SMB/CIFS)
Client	iVMS-4200,Hik-Connect
Simultaneous Live View	Up to 20 channels
API	ONVIF, ISAPI
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets
User/Host	Up to 32 users 3 user levels: administrator, operator, and user

Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Settings	saturation, brightness, contrast, sharpness, AGC, white balance, adjustable by client software or web browser
Wide Dynamic Range (WDR)	Digital WDR
Image Enhancement	BLC, HLC
Interface	
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port, 1 1000M FC fiber optical interface
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	1 built-in microphone
Reset Key	Yes
Indicator	Yes
Fiber Optical	1 FC fiber optical interface, SFP module, single mode, 20 km transmission distance, 1310 nm (TX) and 1550 nm (RX), 1250 Mbps transmission rate
Event	
Basic Event	exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage	notify surveillance center, send email
General	
Power	12 VDC $\pm$ 25%, 1.2 A, max. 14.4 W, 24 VAC $\pm$ 25%, 0.95 A, max. 14 W, three-core terminal block
Material	Metal and plastic
Dimension	189 mm $\times$ 90.3 mm $\times$ 90.3 mm (7.4" $\times$ 3.6" $\times$ 3.6")
Package Dimension	349 mm $\times$ 159 mm $\times$ 153 mm (13.74" $\times$ 6.26" $\times$ 6.02")
Weight	Approx. 1170 g (2.58 lb.)
With Package Weight	Approx. 1360 g (3 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	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, one-key reset, password protection, anti-banding
Approval	
Protection	IP66: IEC 60529:1989+AMD1:1999+AMD2:2013

▪ Dimension



Unit:mm(inch)

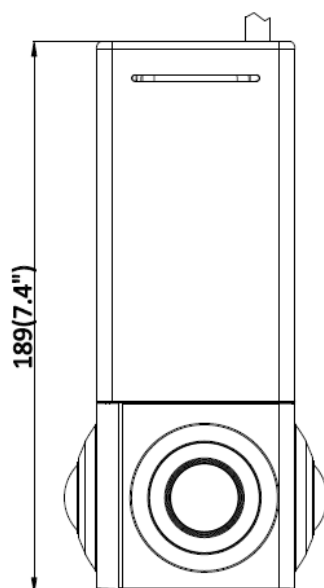


Camera Mounting Hole
(mm)

2*Ø 4.3

Camera Mounting Hole
(inch)

2*Ø 0.2"

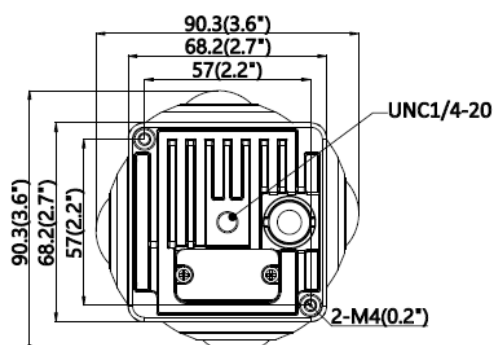


Unit:mm(inch)

Camera Mounting Hole
(mm)

2*M4

UNC1/4-20



Camera Mounting Hole
(inch)

2*M0.2"

UNC1/4-20

▪ **Accessory**

▪ **Optional**

DS-1661ZJ-P	DS-1662ZJ-P	DS-1667ZJ-P	DS-1602ZJ-pole-P
			

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