DS-2CD6982G0-U
16MP 180° PanoVu Network Camera

- High quality imaging with 15 MP resolution

- Support on-board storage up to 256GB

- Built-in two microphones

- Auto color temperature correction with built-in sensor for accurate color reproduction

- Water and dust resistant (IP65)

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	Panoramic View: 7168 × 2160 Tracking Shot: 1920 × 1080
Min. Illumination	0.03 Lux (F1.0 AGC ON)
Shutter Time	1/60 s to 1/2000 s
Lens	
Focal Length & FOV	2.0 mm: horizontal FOV: 200° ± 10°, vertical FOV: 56° 2.8 mm: horizontal FOV: 200° ± 10°, vertical FOV: 56°
Lens Mount	M16
Iris Type	Fixed
Aperture	2 mm: F1.0 2.8 mm: F1.43
Video	
Main Stream	Panoramic View: H.264/H.265: 50Hz: 25fps (7168 × 2160, 3328 × 1024) 60Hz: 30fps (7168 × 2160, 3328 × 1024) Tracking Shot: H.264/H.265: 50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)
Video Compression	Panoramic View: Main Stream: H.265/H.264/H.264+/H.265+ Tracking Shot: Main Stream: H.265/H.264/H.265+/H.264+
Video Bit Rate	Panoramic View: 16 Mbps to 64 Mbps Tracking Shot: 4 Mbps to 16 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Audio Compression	MP2L2/AAC/MP3/AAC-LC
Audio Bit Rate	32 to160 Kbps(MP2L2)/16 to 64 Kbps(AAC)/8 to160 Kbps(MP3)
Network	
Network Storage	NAS (NFS, SMB/CIFS)
Simultaneous Live View	Up to 20 channels
API	ONVIF (Profile S, Profile G),ISAPI,SDK,ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, SNMP, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, WebSocket, WebSockets. SFTP, 802.1X

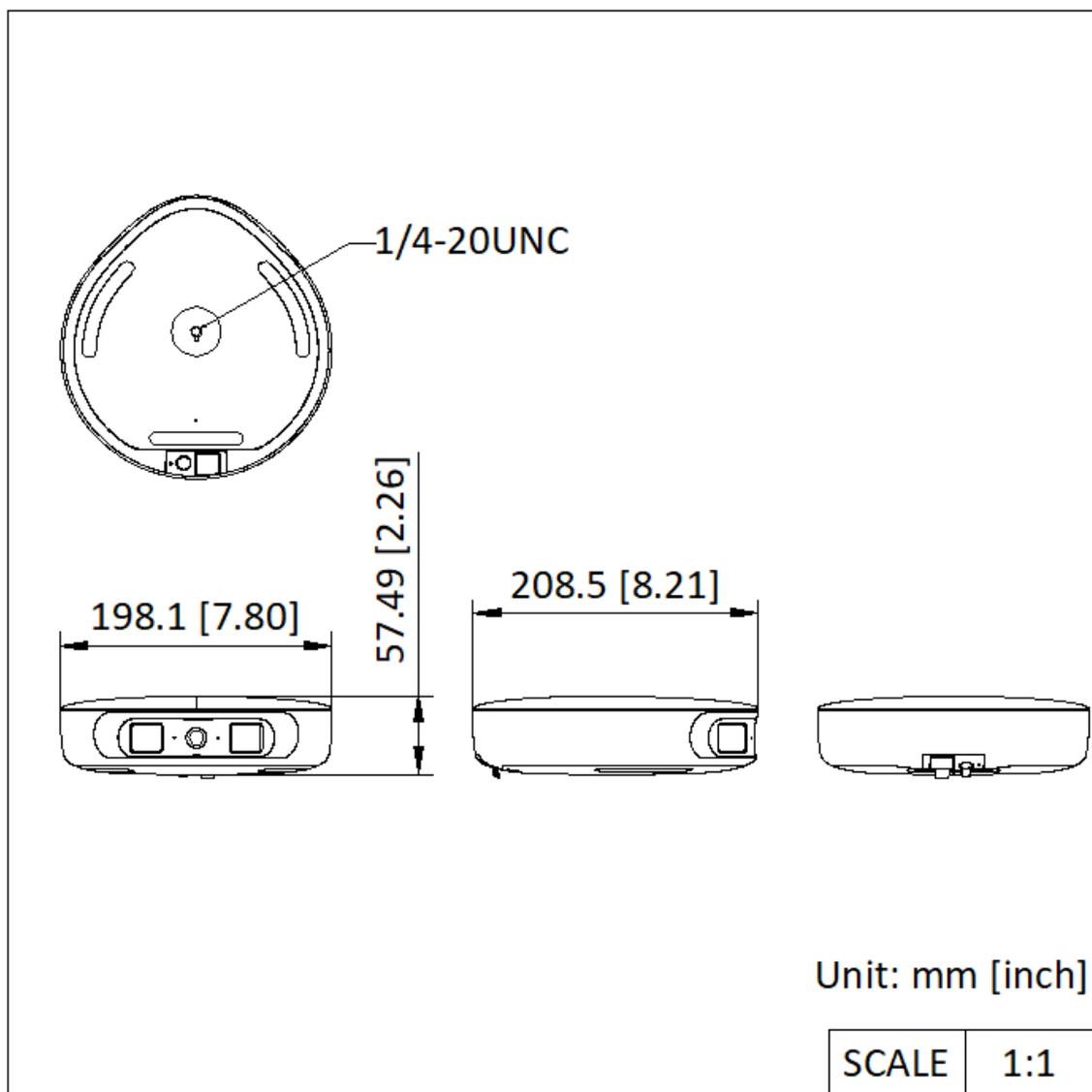| User/Host	Up to 32 users
	3 user levels: administrator, operator, and user
Web Browser	Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+
Interface	
On-Board Storage	Built-in eMMC storage, up to 256 GB
Built-in Microphone	Yes, 2 built-in microphones
Reset Key	Yes
Event	
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording
General	
Power	12 VDC ± 25%, 1 A, max. 12 W, Ø5.5 mm coaxial power plug,
	PoE: IEEE 802.3at, Class 4, max. 14 W
Material	Plastic
Dimension	198.1 mm × 208.5 mm × 57.5 mm (7.8" × 8.2" × 2.3")
Package Dimension	270 mm × 270 mm × 120 mm (10.6" × 10.6" × 4.7")
Weight	Approx. 700 g (1.5 lb.)
With Package Weight	Approx. 1000 g (2.2 lb.)
Startup and Operating Conditions	-20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding
Approval	
Protection	IP65: IEC 60529-2013

▪ Available Model

DS-2CD6982G0-U(2mm)

DS-2CD6982G0-U(2.8mm)

DS-2CD6982G0-U(2mm)(US)

DS-2CD6982G0-U(2.8mm)(US)

▪ Dimension

1/4-20UNC

57.49 [2.26]

198.1 [7.80]

208.5 [8.21]

Unit: mm [inch]

SCALE	1:1

▪ **Accessory**

▪ **Optional**

DS-1292ZJ-K

See Far, Go Further

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