

DS-2CD6984G0-IHS

180° Stitched 32 MP PanoVu Camera

PanoVu

- 1/1.8" Progressive Scan CMOS
- Max. Resolution 8160 × 3616 @ 30 fps in Panorama Display Mode
- Panorama Field of View: Horizontal FOV 180°, Vertical FOV 95°
- Multiple Display Modes Available: Panorama, Original, Panorama + ePTZ, and Divided Panorama
- Four IR LEDs, up to 20 m IR Distance
- H.265, H.264
- BLC, 3D DNR, HLC, Defog, EIS (Original Mode Only)
- Audio and Alarm I/O
- Flexible Power Supply Options
- IP67, IK10

The Hikvision DS-2CD6984G0-IHS PanoVu Panoramic Outdoor Dome Camera features four lenses to stitch together a 180° horizontal field of view (95° vertical) in Panorama view. Modes include Panorama¹, Panorama + ePTZ, Divided Panorama, and Original for flexible viewing.

Four IR LEDs provide a 66 foot (20 meter) illumination range. H.265 and H.264 compression saves bandwidth and data storage costs. IP67 and IK10 protects the camera from harsh outdoor conditions.

Available Model

DS-2CD6984G0-IHS



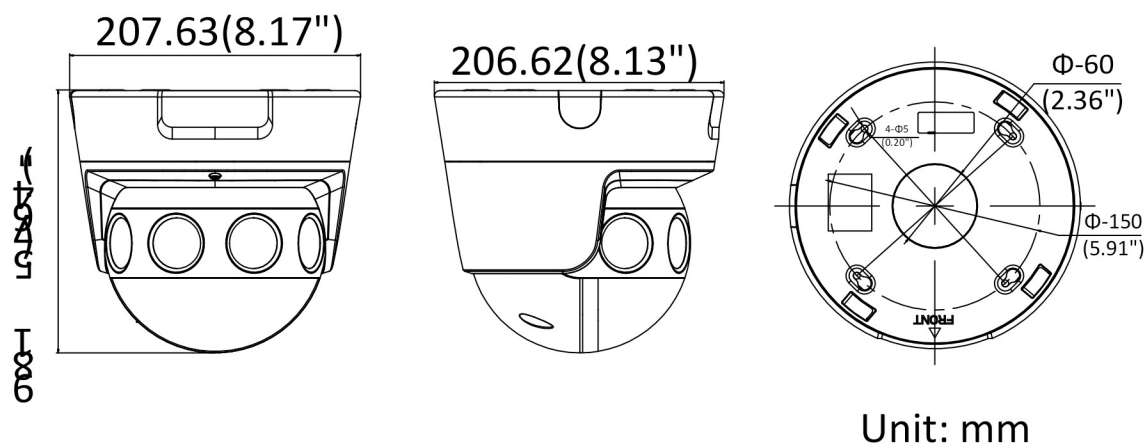
Specifications

DS-2CD6984G0-IHS		
Camera		
Image Sensor	1/1.8" progressive scan CMOS	
Minimum Illumination	Color: 0.009 lux @ (f/1.2, AGC on), 0.012 lux @ (f/1.4, AGC on) B/W: 0.0009 lux @ (f/1.2, AGC on), 0.0012 lux @ (f/1.4, AGC on), 0 lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Slow Shutter	No	
Auto-Iris	No	
Day/Night	IR cut filter	
Digital Noise Reduction	3D DNR	
WDR	DWDR	
2-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 90°	
Lens		
Focal Length	2.8 mm, four lenses	
Aperture	f/1.4	
Focus	No	
FOV	Single Lens Image: Horizontal FOV 102°, vertical FOV 55°, diagonal FOV 120° Panorama Image: Horizontal field of view 180°, vertical FOV 95°	
Lens Mount	M12	
IR		
IR Range	Four IR LEDs, up to 66 ft (20 m)	
Wavelength	850 nm	
Compression Standard		
Video Compression	Main stream: H.265/H.264	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.264+	No	
H.265 Type	Main Profile	
H.265+	No	
Video Bit Rate	32 Kbps to 16 Mbps	
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM	
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32–192 Kbps (MP2L2)	
SVC	H.264 and H.265 encoding	
Image		
Maximum Resolution	8160 × 3616	
Main Stream	Panorama	50 Hz: 25 fps (8160 × 3616, 8160 × 2304) 60 Hz: 30 fps (8160 × 3616, 8160 × 2304)
	Original	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
	Panorama	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
	Channel	60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
	+ ePTZ	50 Hz: 25 fps (1920 × 1080, 1280 × 720)
	Channel	60 Hz: 30 fps (1920 × 1080, 1280 × 720)
	Divided Panorama	50 Hz: 25 fps (2032 × 3616) 60 Hz: 30 fps (2032 × 3616)
Image Enhancement	BLC, 3D DNR, HLC, defog, EIS (supported only by original mode)	
Image Settings	Rotate (supported only by original mode), saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or Web browser	
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In	
Network		
Network Storage	Supports microSD/SDHC/SDXC card (128 GB), local storage, and NAS (NFS, SMB/CIFS), ANR	
Alarm Trigger	Network disconnected, IP address conflict, illegal login, HDD full, HDD error	
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	
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, watermark, IP address filter (supported only by original mode)	
Firmware Version	v5.5.70	
API	ONVIF (PROFILE S, PROFILE G), ISAPI	
Simultaneous Live View	Up to 20 channels	
User/Host	Up to 32 users 3 levels: Administrator, Operator, and User	
Client	iVMS-4200	
Web Browser	IE8+, Chrome 31.0–44, Firefox 30.0–51, Safari 8.0+	

Specifications (continued)

Interface	
Audio I/O	1 input (line in), 3.5 mm 3-section connector, maximum input amplitude: 1 vpp, input impedance: 4.7K Ω , interface type: non-equilibrium
	1 output (line out), 3.5 mm 3-section connector, maximum output amplitude: 1 vpp, output impedance: 100 Ω , interface type: non-equilibrium
Communication Interface	1 RJ-45 10M/100M/1000M self-adaptive Ethernet port 1 RS-485
Alarm	2 Inputs, 2 outputs (maximum 12 VDC, 1 A)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
Audio	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
General	
Operating Conditions	-40° to +60° C (-40° to +140° F), humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 20%, three-core terminal block, PoE (802.3at), class 4
Power Consumption and Current	12 VDC, 1.4 A, maximum 17 W, PoE (802.3at, 42.5 V to 57 V), maximum 23 W
Protection Level	IP67, IK10
Materials	Aluminum alloy and plastic
Dimensions	Camera: 190 mm $\times$ 207 mm $\times$ 208 mm (7.5" $\times$ 8.2" $\times$ 8.2") Package: 336 mm $\times$ 261 mm $\times$ 293 mm (13.2" $\times$ 10.3" $\times$ 11.5")
Weight	Approximately 3.5 kg (7.7 lb)

Dimensions



Accessories

NOT INCLUDED		INCLUDED
		
WMP-L Wall Mount	CPM-S Pendant Mount	Pendant Cap