

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



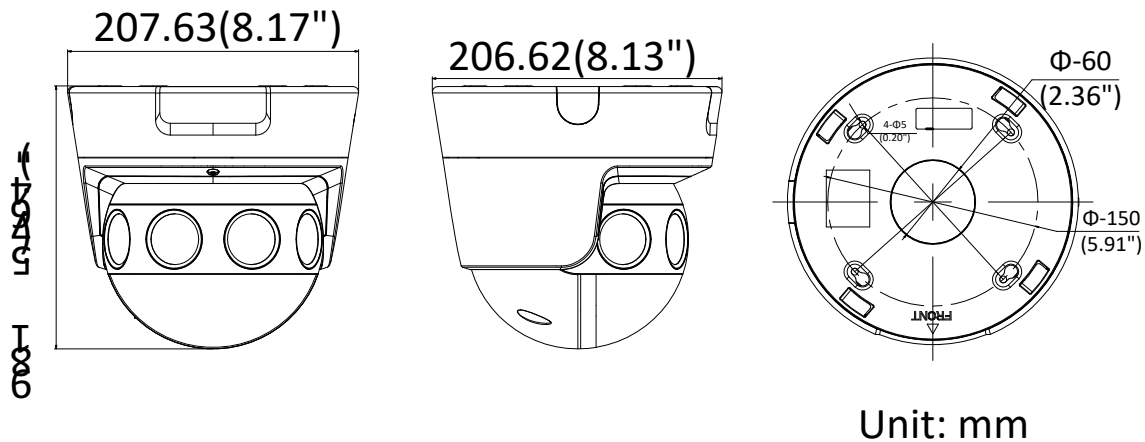
Specifications

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 Channel + ePTZ	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 Channel	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