

DS-2CD6984G0-IHS

32 MP PanoVu Series Panoramic Outdoor Dome Camera



- 1/1.8" Progressive Scan CMOS
- Maximum Resolution (Panorama)¹: 8160 x 3616 @ 30 fps
- Maximum Resolution (Divided Panorama): (4 x 2032) H x 3616 V @ 30 fps
- Maximum Resolution (Panorama + ePTZ): 3840 x 2160 Stitched Panorama Image + 10 ePTZ 1920 x 1080 Images
- Horizontal FOV 180°, Vertical FOV 95°
- Panorama, Panorama + ePTZ and Divided Panorama Modes
- Motion Detection²
- Four IR LEDs, 66 ft (20 m) IR Range
- H.265, H.264
- BLC, 3D DNR, HLC, Defog
- Audio and Alarm I/O
- 12 VDC (802.3at, class 4), 17 W
- 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 and Divided Panorama 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.

Motion detection² is available as a Basic Event feature in Panorama mode.

Available Models:

DS-2CD6984G0-IHS

- 2 alarm inputs
- 2 alarm outputs
- 1 audio input
- 1 audio output
- 1 RS-485



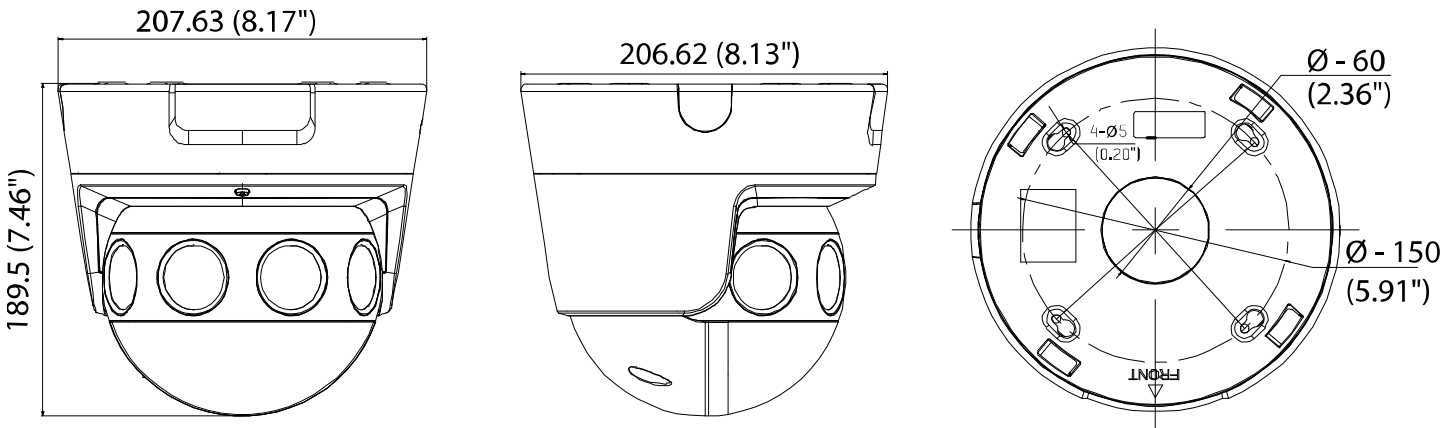
^{1,2} These features are only available with firmware version 5.5.70_200514.

Specifications

DS-2CD6984G0-IHS		
Camera		
Minimum Illumination	Image Sensor	1/1.8" progressive scan CMOS
	Color:	0.012 lux @ (f/1.4, AGC on)
	B/W:	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	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 Sub stream: H.264/MJPEG	
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		
Main Stream	Panorama	30 fps (8160 × 3616, 8160 × 2304) <i>* Panorama mode is only available with firmware version 5.5.70_200514.</i>
	Panorama + ePTZ	Stitched Panorama Channel: 30 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) ePTZ Channels (1–10): 30 fps (1920 × 1080, 1280 × 720)
Sub Stream	Divided Panorama	30 fps (4 × 2032) H × 3616 V
	Divided Panorama	30 fps (4 × 480) H × 704 V
	Image Enhancement	BLC, 3D DNR, HLC, defog
	Image Settings	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
Basic Events		
Motion Detection	Available in Panorama and Panorama + ePTZ modes <i>* Motion detection is only available with firmware version 5.5.70_200514.</i>	
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	
Firmware Version	v5.5.70	
API	ONVIF (PROFILE S, PROFILE G), ISAPI	
Simultaneous Live View	Up to 20 channels	
Users/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+	
Interface		
Audio I/O	1 Input (line in), 1 output (line out), mono sound	
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		
NVR Compatibility	Fully compatible with Hikvision I Series, Super Series, and DeepinMind Series NVRs	
Operating Conditions	-40° to +140° F (-40° to +60° C), humidity 95% or less (non-condensing)	
Power Supply	12 VDC ±20%, three-core terminal block, PoE (802.3at), class 4 (PoE injector included)	
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	

	Material	Aluminum alloy and plastic
Dimensions	Camera	190 mm × 207 mm × 208 mm (7.5" × 8.2" × 8.2")
	Package	336 mm × 261 mm × 293 mm (13.2" × 10.3" × 11.5")
	Weight	Approximately 3.5 kg (7.7 lb)

Dimensions



Accessories

NOT INCLUDED						
WMP-L Wall Mount Long	WMP-PV Wall Mount	JBPW-L Wall Mount	CPM-S Pendant Mount Short	PMP Vertical Pole Mount	CMP Corner Mount	RPM Roof Parapet Mount

NOT INCLUDED			
WMP-S Wall Mount Short	CMP-JB Corner Mount for Use with JBPW-L	CPM-L Pendant Mount Long	CPMPE Pole Extension

INCLUDED	
Pendant Cap	PoE Injector