

DS-2CD6924G0-IHS 180° Stitched 8 MP PanoVu Camera

PanoVu



- 180° Splicing Image To Present All Scenes Covered by the Camera
- Built-In Heater, Ultra-Low Temperature Start up to -40° F (-40° C)
- Water/Dust (IP67) and Vandal (IK10) Resistant
- Smart Human Density Counting and Public Behavior Analysis To Increase Public Area Safety
- H.265+, H.264+

The Hikvision DS-2CD6924G0-IHS PanoVu Panoramic Outdoor Dome Camera features four lenses to stitch together a 180° horizontal field of view (2.8 mm: 90° 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 Models

DS-2CD6924G0-IHS (2.8 mm)



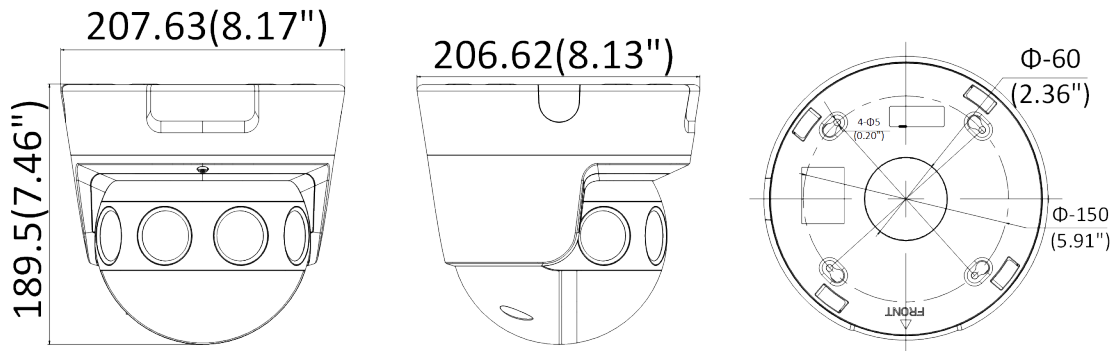
Specifications

DS-2CD6924G0-IHS		
Camera		
Image Sensor	1/1.8" progressive scan CMOS	
Minimum Illumination	Color: 0.003 lux @ (f/1.2, AGC on); B/W: 0.0018 lux @ (f/1.6, AGC on), 0 lux with IR	
Shutter Speed	1/25 s to 1/100,000 s	
Day/Night	IR cut filter. Blue glass module to reduce ghost phenomenon.	
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°	
WDR	Digital WDR	
Lens		
Aperture	f/1.4	
Focus	Manual, semi-auto	
FOV	2.8 mm	Horizontal FOV 180°, vertical FOV 90°
	6 mm	Horizontal FOV 180°, vertical FOV 25°
Lens Mount	M16	
Lens Type	Four fixed 2.8 mm lenses	
Illuminator		
IR Range	Four IR LEDs, up to 66 ft (20 m)	
Wavelength	850 nm	
Video		
Maximum Resolution	2.8 mm	Panorama + ePTZ Mode: Panorama channel: 1920 × 1080; ePTZ channel: 1920 × 1080 Panorama Mode: 3840 × 2160 Original Mode: 1920 × 1080
	6 mm	Panorama + ePTZ Mode: Panorama channel: 2400 × 400; ePTZ channel: 1920 × 1080 Panorama Mode: 6480 × 1080 Original Mode: 1920 × 1080
Main Stream	2.8 mm	Panorama + ePTZ Mode: Panorama channel: 50 Hz: 25 fps (1920 × 1080, 1280 × 720), 60 Hz: 30 fps (1920 × 1080, 1280 × 720); ePTZ channel: 50 Hz: 25 fps (1920 × 1080, 1280 × 720), 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Panorama Mode: 50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080), 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080) Original Mode: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)
	6 mm	Panorama + ePTZ Mode: Panorama channel: 50 Hz: 25 fps (2400 × 400), 60 Hz: 30 fps (2400 × 400); ePTZ channel: 50 Hz: 25 fps (1920 × 1080, 1280 × 720), 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Panorama Mode: 50 Hz: 25 fps (6480 × 1080, 4800 × 800, 3600 × 600), 60 Hz: 30 fps (6480 × 1080, 4800 × 800, 3600 × 600) Original Mode: 50 Hz: 25 fps (1920 × 1080), 60 Hz: 30 fps (1920 × 1080)
Sub Stream	2.8 mm	Panorama Mode: 50 Hz: 25 fps (1280 × 720, 640 × 360), 60 Hz: 30 fps (1280 × 720, 640 × 360)
	6 mm	Panorama Mode: 50 Hz: 25 fps (2400 × 400, 1920 × 320, 1440 × 240), 60 Hz: 30 fps (2400 × 400, 1920 × 320, 1440 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG	
H.264 Type	Baseline Profile/Main Profile/High Profile	
H.265 Type	Main Profile	
Video Bit Rate	32 Kbps to 65 Mbps	
SVC	H.264 and H.265 encoding	
H.264+	Supported by main stream	
H.265+	Supported by main stream	
Audio		
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)/32 Kbps (PCM)	
Environment Noise Filtering	Yes	
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz	
Smart Features		
Basic Event	Motion detection (only panorama and original modes support), video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)	
People Density	Yes (only panorama mode supports)	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send e-mail, trigger alarm output, trigger recording, trigger capture	
Image		
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS (only original mode supports)	
Image Setting	Rotate mode (only the original mode supports), saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or Web browser	
Target Cropping	Yes (only panorama mode supports)	
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In	
Picture Overlay	Logo graphic can be overlaid on video in 128 × 128 24-bit bmp format	

Specifications (continued)




Network	
Network Storage	MicroSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS, SMB/CIFS), ANR
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
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK, Ehome
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 ONVIF, RTP/RTSP over HTTPS, control timeout settings, TLS 1.2, TLS1.0, TLS1.1
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200
Web Browser	IE8+
Interface	
Communication Interface	1 RJ-45 10M/100M/1000M Ethernet port; 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Audio	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
Alarm	2 inputs, 2 outputs (maximum 24 VDC, 1 A)
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB
General	
Firmware Version	v5.5.84
Web Client Language	English
General Function	Anti-flicker, heartbeat, mirror (only original mode supports), privacy masks (only original mode supports), password protection, watermark, IP address filter, pixel counter
Reset	Reset via reset button on camera body, Web browser, and client software
Startup and Operating Conditions	-40° to +60° C (-40° to +140° F), humidity 95% or less (non-condensing)
Storage Conditions	-40° to +60° C (-40° to +140° F), humidity 95% or less (non-condensing)
Power Supply	12 VDC, three-core terminal block, PoE (802.3at)
Power Consumption and Current	12 VDC, 1.6 A, maximum 24 W, PoE (802.3at, 42.5 V to 57 V), 0.5 to 0.4 A
Material	Aluminum alloy
Dimensions	Camera: 189.5 mm × 207.63 mm × 206.62 mm (7.46" × 8.17" × 8.13") With package: 340 mm × 261 mm × 293 mm (13.4" × 10.3" × 11.5")
Weight	Camera: approximately 3 kg (6.6 lb) With package: approximately 5 kg (11 lb)
Heater	Yes
Approvals	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4); RCM (AS/NZS CISPR 32:2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252 (Part 1): 2010+A1:2013+A2:2015); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)
Chemistry	CE-ROHS (2011/65/EU); REACH (Regulation (EC) No 1907/2006); WEEE (2012/19/EU)
Protection	Ingress protection: IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)

Dimensions



Unit: mm

Accessories

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