

DS-2CD6984G0-IH(S)(AC)(/NFC) 180° Stitched 32 MP PanoVu Camera



Key Features

- 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 (only the original mode supports)
- Audio and alarm I/O, optional
- Flexible power supply options
- IP67, IK10



Specifications

| Camera | | |
|-----------------------------|--|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS | |
| Min. Illumination | Color: 0.009 Lux @ (F1.2, AGC ON), 0.012 Lux @ (F1.4, AGC ON) B/W: 0.0009 Lux @ (F1.2, AGC ON), 0.0012 Lux @ (F1.4, 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 | F1.4 | |
| 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 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 (-S) | G.711/G.722.1/G.726/MP2L2/PCM | |
| Audio Bit Rate (-S) | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) | |
| SVC | H.264 and H.265 encoding | |
| Image | | |
| Max. Resolution | 8160 × 3616 | |
| Main Stream | Panorama | 50Hz: 25fps (8160 × 3616, 8160 × 2304) 60Hz: 30fps (8160 × 3616, 8160 × 2304) |
| | Original | 50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) |
| | Panorama + ePTZ | Panorama channel 50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) ePTZ channel 50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720) |
| | Divided panorama | 50Hz: 25fps (2032 × 3616) 60Hz: 30fps (2032 × 3616) |
| Image Enhancement | BLC, 3D DNR, HLC, defog, EIS (only the original mode supports) | |

| | |
|-------------------------------|---|
| Image Settings | Rotate (only the original mode supports), 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 (with -S model) |
| Network | |
| Network Storage | Support Micro SD/SDHC/SDXC card (128G), 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 (only the original mode supports) |
| 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+ |
| Interface | |
| Audio I/O (-S) | 1 input (line in), 3.5 mm 3-section connector, max. input amplitude: 1 vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), 3.5 mm 3-section connector, max. output amplitude: 1 vpp, output impedance: 100 Ω , interface type: non-equilibrium |
| Communication Interface | 1 RJ45 10M/100M/1000M self-adaptive Ethernet port -S: 1 RS-485 |
| Alarm (-S) | 2 Inputs, 2 outputs (max. 12 VDC, 1 A) |
| On-board Storage | Built-in micro SD/SDHC/SDXC slot, up to 128 GB |
| Reset Button | Yes |
| Audio (-S) | |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8kHz/16kHz/32kHz/44.1kHz/48kHz |
| General | |
| Operating Conditions | -40 °C to +60 °C (-40 °F to +140 °F), humidity 95% or less (non-condensing) |
| Power Supply | Non-AC: 12 VDC \pm 20%, three-core terminal block, PoE (802.3at), class 4 -AC: 24 VAC \pm 20%, three-core terminal block, PoE (802.3at), class 4 |
| Power Consumption and Current | Non-AC: 12 VDC, 1.4 A, max. 17 W, PoE (802.3at, 42.5 V to 57V), max. 23 W -AC: 24 VAC, 1.2 A, 50Hz, PoE (802.3at, 42.5 V to 57 V), max. 23 W |
| Protection Level | IP67, IK10 |
| Material | Aluminum alloy & plastic |
| Dimensions | Camera: 190 × 207 × 208 mm (7.5" × 8.2" × 8.2") Package: 336 × 261 × 293 mm (13.2" × 10.3" × 11.5") |
| Weight | Approx. 3.5 kg (7.7 lb.) |

Available Model

DS-2CD6984G0-IH(2.8mm), DS-2CD6984G0-IHS(2.8mm), DS-2CD6984G0-IHSAC(2.8mm), DS-2CD6984G0-IHAC(2.8mm),
DS-2CD6984G0-IHS/NFC(2.8mm), DS-2CD6984G0-IHSAC/NFC(2.8mm)

*-S: supports 2 alarm inputs, 2 alarm outputs, 1 audio input, 1 audio output, 1 RS-485

*-AC: supports 24 VAC power input and PoE (802.3at)

*-NFC: supports optical interface

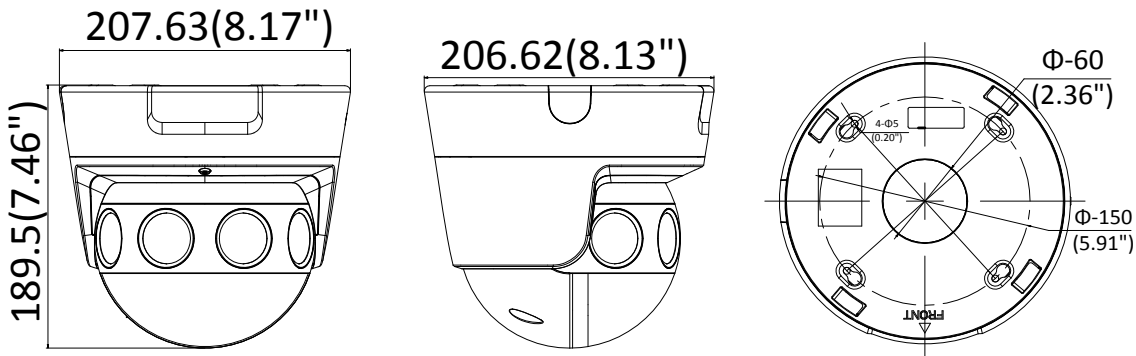
▪ **Typical Application**

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

| Level | Description |
|------------------------|--|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| Moderate protection | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed. |

Dimension



Unit: mm

Accessory



DS-1602ZJ
Wall Mount



DS-1661ZJ
Pendant Mount



Cap (Included)

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
sateru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com