

**DS-2CD6982G0-WU/4G**  
**15 MP 180° PanoVu Network Camera**



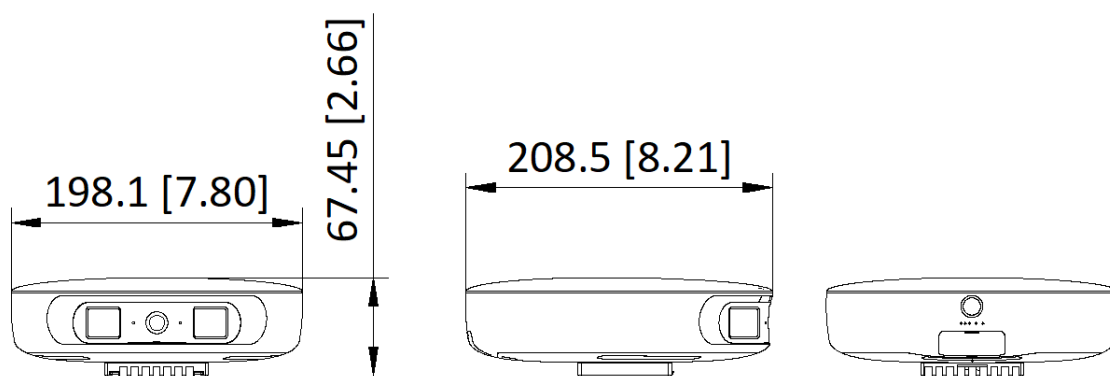
- High quality imaging with 15 MP resolution
- Support on-board storage up to 200 GB
- Built-in two microphones
- Support 4G and Wi-Fi connection
- Support Bluetooth Low Energy (BLE) 5.2 for easy connection and configuration
- Built-in battery for continuous operation up to 4 to 6 hours
- Auto color temperature correction with built-in sensor for accurate color reproduction.
- Water and dust resistant (IP65)

## ▪ Specification

| Camera                      |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| Image Sensor                | 1/1.8" Progressive Scan CMOS                                                                                   |
| Max. Resolution             | 7168 × 2160                                                                                                    |
| Shutter Time                | 1/3 s to 1/100,000 s                                                                                           |
| Min. Illumination           | 0.005 Lux @ (F1.2, AGC ON)                                                                                     |
| Lens                        |                                                                                                                |
| Lens Type                   | Fixed focal lens, 2 and 2.8 mm optional                                                                        |
| Focal Length & FOV          | 2.0 mm: horizontal FOV: 200° ± 10°, vertical FOV: 56°<br>2.8 mm: horizontal FOV: 200° ± 10°, vertical FOV: 56° |
| Lens Mount                  | M16                                                                                                            |
| Iris Type                   | Fixed                                                                                                          |
| Aperture                    | 2 mm: F1.0<br>2.8 mm: F1.43                                                                                    |
| Video                       |                                                                                                                |
| Main Stream                 | H.264/H.265:<br>50 Hz: 25 fps (7168 × 2160)                                                                    |
| Sub-Stream                  | H.264/H.265:<br>50 Hz: 25 fps (1920 × 1080, 1280 × 720)                                                        |
| Video Compression           | Main Stream: H.265/H.264/H.264+/H.265+<br>Sub Stream: H.265/H.264                                              |
| Video Bit Rate              | 32 Kbps to 16 Mbps                                                                                             |
| H.264 Type                  | Baseline Profile, Main Profile, High Profile                                                                   |
| H.265 Type                  | Main Profile                                                                                                   |
| Bit Rate Control            | CBR                                                                                                            |
| Scalable Video Coding (SVC) | Yes                                                                                                            |
| Region of Interest (ROI)    | 1 fixed region for main stream                                                                                 |
| Audio                       |                                                                                                                |
| Environment Noise Filtering | Yes                                                                                                            |
| Audio Sampling Rate         | 8 kHz/16 kHz/32 kHz/48 kHz                                                                                     |
| Audio Compression           | MP2L2/AAC/MP3/AAC-LC (default)                                                                                 |
| Audio Bit Rate              | 32 to 192 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)/8 to 320 Kbps (MP3)                                              |
| Network                     |                                                                                                                |
| Simultaneous Live View      | Up to 3 channels                                                                                               |
| API                         | ONVIF (Profile S, Profile G), ISAPI, SDK                                                                       |
| Protocols                   | TCP/IP, DHCP, IPv4                                                                                             |
| User/Host                   | Up to 32 users<br>3 user levels: administrator, operator, and user                                             |
| Client                      | Hik-Connect                                                                                                    |
| Web Browser                 | Local service: IE11, Chrome 57.0+, Firefox 52.0+, Edge 89+                                                     |
| Wi-Fi                       |                                                                                                                |
| Encryption Mode             | 64/128-bit WEP, WPA-EAP/WPA2-EAP, WPA-PSK/WPA2-PSK                                                             |
| Wi-Fi Protocol              | IEEE802.11b, IEEE802.11g, IEEE802.11n                                                                          |

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frequency Range                  | 2.4 GHz to 2.4835 GHz<br>5.15 GHz to 5.25 GHz<br>5.25 GHz to 5.35 GHz<br>5.47 GHz to 5.725 GHz<br>5.725 GHz to 5.85 GHz                                                  |
| Channel Bandwidth                | 20/40 MHz (2.4G), 20/40/80 MHz (5G)                                                                                                                                      |
| Modulation                       | 802.11b: CCK, DBPSK, DQPSK<br>802.11a/g/n: BPSK, QPSK, 16QAM, 64QAM<br>802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM<br>802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM |
| Transfer Rate                    | 11b: up to 11 Mbps<br>11a/g: up to 54 Mbps<br>11n: up to 300 Mbps<br>11ac: up to 866.6 Mbps<br>11ax: up to 1201 Mbps                                                     |
| Wireless Range                   | Up to 50 m<br>(The performance varies based on actual environment)                                                                                                       |
| <b>Mobile Communication</b>      |                                                                                                                                                                          |
| Standard                         | LTE-TDD, LTE-FDD                                                                                                                                                         |
| Frequency                        | DS-2CD6982G0-WU/4G:<br>LTE-FDD: Band1/3/5/7/8/20/28<br>LTE-TDD: Band38/40/41<br>DS-2CD6982G0-WU/4G(US):<br>LTE-FDD: Band2/4/5/12/13/17/66/71                             |
| Uplink and Downlink Data Rate    | Cat 4, uplink: 50 Mbps, downlink: 150 Mbps                                                                                                                               |
| SIM Card Type                    | Nano SIM                                                                                                                                                                 |
| <b>Interface</b>                 |                                                                                                                                                                          |
| On-Board Storage                 | Built-in eMMC storage, up to 200 GB                                                                                                                                      |
| Audio                            | 2 built-in microphones                                                                                                                                                   |
| Reset Key                        | Yes                                                                                                                                                                      |
| <b>Event</b>                     |                                                                                                                                                                          |
| Linkage                          | Upload to FTP/NAS                                                                                                                                                        |
| <b>General</b>                   |                                                                                                                                                                          |
| Power                            | 20 VDC, 3.25 A, max. 65 W,<br>Type-C power interface                                                                                                                     |
| Material                         | Material & Plastic                                                                                                                                                       |
| Dimension                        | 198.1 mm × 208.5 mm × 67.45 mm (16.00" × 10.63" × 5.51")                                                                                                                 |
| Package Dimension                | 430 mm × 150 mm × 290 mm (16.93" × 5.91" × 11.42")                                                                                                                       |
| Weight                           | Approx. 1235 g (2.72 lb.)                                                                                                                                                |
| With Package Weight              | Approx. 3720 g (8.20 lb.)                                                                                                                                                |
| Startup and Operating Conditions | -10 °C to 45 °C (14 °F to 113 °F). Humidity 95% or less (non-condensing)                                                                                                 |
| General Function                 | Heartbeat, anti-banding, mirror, password protection, password reset via email                                                                                           |
| <b>Approval</b>                  |                                                                                                                                                                          |
| Protection                       | IP65                                                                                                                                                                     |

▪ **Dimension**



Unit: mm [inch]

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