

# DHI-VTO2211G-WP-S2

## IP & Wi-Fi Villa Door Station



- Thin lightweight design.
- Supports IR illumination and night vision.
- Two-way audio and voice call through app.
- Can be managed through the management platform; support voice call between App and the door station.
- Card unlock, unlock on the indoor monitor, and remote unlock through the App.
- Supports IP65 (Silicone sealant is needed. For details, see the quick start guide).
- Supports 10000 cards.
- Supports standard PoE power supply.
- Controls two locks.
- Supports wireless network.

### Technical Specification

#### System

|                   |  |
|-------------------|--|
| Main Processor    | Embedded Processor                       |
| Operating System  | Embedded Linux OS                        |
| Button Type       | Mechanical                               |
| Number of Buttons | 1  |
| Interoperability  | ONVIF; CGI                               |
| Network Protocol  | IPv4; RTSP; UDP; DNS; P2P; RTP; TCP; SIP |

#### Basic

|                    |  |
|--------------------|--|
| Camera             | 1/2.8" 2 MP CMOS high definition, low illumination/WDR/color/IR            |
| Field of View      | H: 125°; V: 71°; D: 142°   |
| WDR                | 120 dB   |
| Noise Reduction    | 3D NR  |
| Video Compression  | H.264; H.265   |
| Video Resolution   | Main stream: 720p, WVGA, D1, CIF<br>Sub stream: 1080p, WVGA, D1, QVGA, CIF |
| Video Frame Rate   | PAL: 25 fps;<br>NTSC: 30 fps   |
| Video Bit Rate     | 256 Kbps~8 Mbps  |
| Light Compensation | Auto IR  |
| Day/Night          | Auto(ICR)/Color/B/W;Color/B/W  |
| Audio Compression  | G.711a; G.711u; PCM  |
| Audio Input        | 1  |
| Audio Output       | Built-in speaker   |

|                   |  |
|-------------------|--|
| Audio Mode        | Two-way audio                            |
| Audio Enhancement | Echo suppression/digital noise reduction |
| Audio Bit Rate    | 16 KHz, 16 Bit                           |

#### Function

|                          |   |
|--------------------------|---|
| Communication Mode       | Full digital  |
| Unlock Mode              | Card; app; indoor monitor                                       |
| Card Type                | IC card   |
| Auto Snapshot            | Yes   |
| Leave Videos             | Yes (SD card is inserted in the indoor monitor or door station) |
| Wi-Fi                    | Yes   |
| Wireless Standard        | IEEE802.11b/802.11g/802.11n                                     |
| Wireless Frequency Range | 2.4GHz  |
| Storage                  | Supports Micro SD card (up to 256 GB)                           |
| Web Configuration        | Yes   |

#### Performance

|                       |                        |
|-----------------------|------------------------|
| Card Reading Distance | 0 cm~4.3 cm (0"~1.69") |
| Issue Card Locally    | Yes                    |
| Casing Material       | PC + Acrylic           |

#### Capacity

|               |       |
|---------------|-------|
| Card Capacity | 10000 |
|---------------|-------|



Lock Control

## Port

|                       |                                    |
|-----------------------|------------------------------------|
| RS-485                | 1                                  |
| Alarm Input           | 1                                  |
| Alarm Output          | 1                                  |
| Power Output          | 1 port, 12 V and 200 mA            |
| Exit Button           | 1                                  |
| Door Status Detection | 1                                  |
| Lock Control          | 1 port, normally closed by default |
| Network Port          | 1 × 10/100 Mbps network port       |

## Alarm

|              |     |
|--------------|-----|
| Tamper Alarm | Yes |
|--------------|-----|

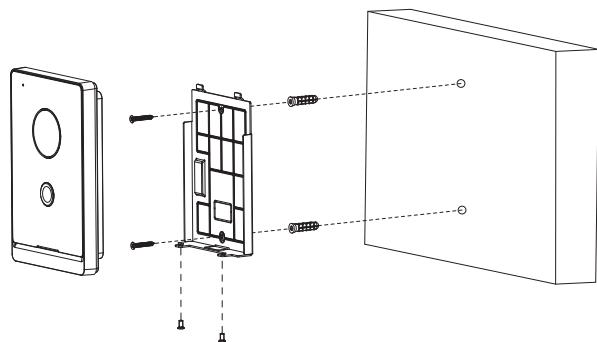
## General

|                       |  |
|-----------------------|--|
| Appearance Color      | Black plate and silvery frames                               |
| Power Supply          | 12 VDC, 1 A<br>Standard PoE                                  |
| Power Adapter         | Optional   |
| Installation          | Surface Mount  |
| Certifications        | CE   |
| Accessory             | Included: Alarm power ribbon cable, brackets                 |
| Product Dimensions    | 150.0 mm × 100.0 mm × 25.4 mm (5.91" × 3.94" × 1.00")        |
| Protection            | IP65 (silicone sealant is needed, see the quick start guide) |
| Operating Temperature | −30 °C to +60 °C (−22 °F to +140 °F)                         |
| Operating Humidity    | 10%–90% (RH), non-condensing                                 |
| Operating Environment | Outdoor  |
| Operating Altitude    | Beneath 3000 m (9842.52 ft)                                  |
| Power Consumption     | ≤ 1 W (standby), ≤ 7 W (working)                             |
| Gross Weight          | 510 g (1.12 lb)  |
| Anti-corrosion Level  | Basic Protection   |

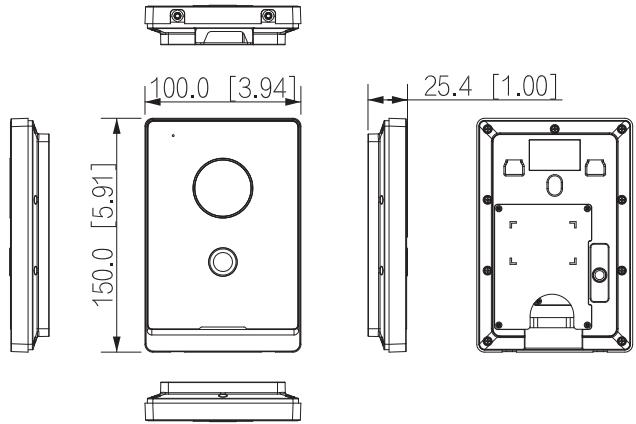
## Ordering Information

| Type | Model              | Description                   |
|------|--------------------|-------------------------------|
| VTO  | DHI-VTO2211G-WP-S2 | IP & Wi-Fi Villa Door Station |

## Installation



## Dimensions (mm[inch])



## Application

