

# DHI-VTO3211D-P1/P2/P4-S2

IP 1/2/4-button Villa Door Station



- Aluminum alloy casing
- -30°C to +60°C (-22°F to +140°F) operating temperature
- IP65 and IK08
- IR illumination and night vision
- Card unlock, app unlock, and indoor monitor unlock
- Two-way audio and voice call through app
- Card capacity: 10,000
- Tamper alarm
- Standard PoE
- Control two locks



## Technical Specification

### System

|                  |  |
|------------------|--|
| Main Processor   | Embedded processor                       |
| Operating System | Embedded Linux operating system          |
| Button Type      | Mechanical                               |
| Interoperability | ONVIF                                    |
| Network Protocol | SIP; P2P; IPv4; DNS; RTSP; RTP; TCP; UDP |

### Basic

|                    |   |
|--------------------|---|
| Camera             | 1/2.8" 2MP CMOS high definition, low illumination/WDR/color/IR        |
| Angle of View      | Horizontal: 129°; vertical: 74°; diagonal: 147°                       |
| WDR                | 120dB   |
| Noise Reduction    | 3D noise reduction  |
| Video Compression  | H.264   |
| Video Resolution   | Main stream: WVGA, 720P, D1<br>Sub stream: CIF, WVGA, QVGA, 1080P, D1 |
| Frame Rate         | PAL: 25 fps<br>NTSC: 30 fps   |
| Video Bit Rate     | 256K to 4M  |
| Light Compensation | Auto IR   |
| D/N                | ICR auto switch   |
| Audio Compression  | G.711Mu; G.711u; PCM  |
| Audio Input        | 1   |

|                   |   |
|-------------------|---|
| Audio Output      | Built-in speaker  |
| Audio Mode        | Two-way audio   |
| Audio Enhancement | Echo suppression and cancellation/digital noise reduction |
| Audio Bit Rate    | 16KHz, 16Bit  |

### Function

|                           |  |
|---------------------------|--|
| Communication             | Full digital   |
| Unlock Mode               | Card/App/indoor monitor unlock                       |
| Card Type                 | IC card  |
| Motion Detection          | Video Motion Detection                               |
| Auto Snapshot             | Auto snapshot can only be enabled on indoor monitors |
| Leave Photos and Messages | Yes (Insert an SD card into the indoor monitor.)     |
| Web Configuration         | Yes  |

### Performance

|                       |                                |
|-----------------------|--------------------------------|
| Card Reading Distance | 3cm–5cm                        |
| Casing                | PC+Aluminum alloy, metal frame |

### Capacity

|               |        |
|---------------|--------|
| Card Capacity | 10,000 |
|---------------|--------|

### Port

|               |   |
|---------------|---|
| RS-485        | 1 |
| Electric Lock | 1 |

|                       |  |
|-----------------------|--|
| Alarm Input           | 1  |
| Alarm Output          | 1  |
| Exit Button           | 1  |
| Door Status Detection | 1  |
| Lock Control          | 1, normally closed by default                                |
| Network               | 1 10Mbps/100Mbps network port<br>(8-core white ribbon cable) |

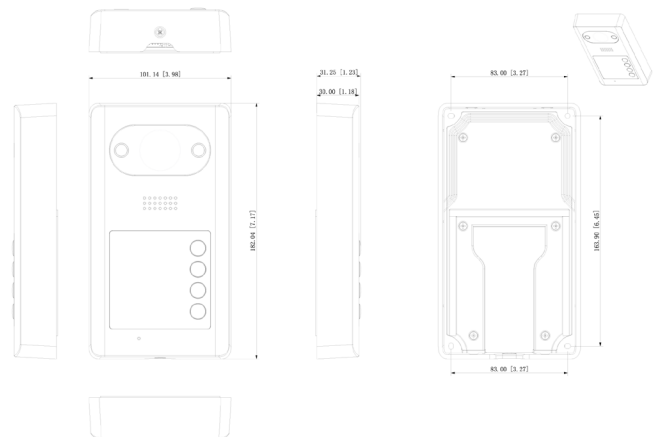
**Alarm**

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

**General**

|                       |   |
|-----------------------|---|
| Color                 | Greyish-black   |
| Power Supply          | 12V DC 1A<br>Standard PoE   |
| Installation          | Surface mount   |
| Certifications        | CE/FCC  |
| Accessory             | Alarm ribbon cable  |
| Dimensions            | 181 mm×101 mm×31 mm (7.13" × 3.98" × 1.22")                             |
| Protection Grade      | IP65<br>(silicone sealant is needed, see the quick start guide)<br>IK08 |
| Operating Temperature | -30°C to + 60°C (-22°F to +140°F)                                       |
| Operating Humidity    | 10%RH–95%RH (non-condensing)  |
| Operating Environment | Outdoor   |
| Operating Altitude    | Beneath 3000 m (9842.51 ft)   |
| Power Consumption     | Standby≤1W, working≤7W  |
| Gross Weight          | 660 g (5.51 lb)   |

**Dimensions (mm[inch])**



**Application**



**Ordering Information**

| Type                  | Model              | Description                    |
|-----------------------|--------------------|--------------------------------|
| IP Villa Door Station | DHI-VTO3211D-P1-S2 | IP 1-button Villa door Station |
|                       | DHI-VTO3211D-P2-S2 | IP 2-button Villa door Station |
|                       | DHI-VTO3211D-P4-S2 | IP 4-button Villa door Station |