# DHI-VTO3222E-P

## 2-wire IP Villa Door Station



- Highly durable and elegant, it is made of aluminum panel， and has a mechanical keypad.
- 2MP HD camera.
- Supports 5,000 users and 10,000 cards.
- Supports multiple unlock methods including password, IC card, and unlocks remotely.
- Connects card readers and controllers through Wiegand.
- Provides 12 VDC, 600 mA power.
- IP65 rated (silicone sealant is required for the shell, see the quick start guide).
- IK08 rated.
- Standard PoE power supply (if the VTO device with 12 V power output needs to charge the load, it should be connected to a PSE switch that complies with the 802.3.at standard).



## Technical Specification

### System

| | |
|---|---|
| Main Processor | Embedded Processor |
| Operating System | Embedded Linux OS |
| Button Type | Mechanical |
| Number of Buttons | 12 |

### Basic

| | |
|---|---|
| Camera | 1/2.9" 2 MP CMOS |
| Field of View | H:140°,V:80°, D:160° |
| WDR | 120 dB |
| Noise Reduction | 3D NR |
| Video Compression | H264，H265 |
| Video Resolution | Main stream: 720p,WVGA, D1, CIF<br>Sub stream: 1080p,WVGA, D1, QVGA, CIF |
| Video Frame Rate | 25 fps |
| Light Compensation | Auto white light |
| Day/Night | 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 | Digital 2-wire |
| Unlock Mode | Card swiping;password;remote |
| Card Type | Mifare card |
| Auto Snapshot | Yes (SD card inserted in VTH or FTP server is configured for VTO) |
| Leave Videos | Yes (SD card is inserted in the indoor monitor or door station) |
| Storage | Supports Micro SD card (up to 256 GB) |
| Web Configuration | Yes |

### RFID

| | |
|---|---|
| Modulation Type | AM |
| Frequency Range | 13.56 MHz |
| Max. Transmission Power | 42dBuA/m @10m |

### Performance

| | |
|---|---|
| Card Reading Distance | 0 cm–3 cm (0"–1.18") |
| Casing Material | Aluminum |

### Capacity

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

# DHI-VTO3222E-P

## Port

| | |
|---|---|
| RS-485 | 1 |
| Wiegand | 1 |
| Alarm Input | 1 |
| Alarm Output | 1 |
| Power Output | 1 port,12 V/600 mA |
| Door Bell | 1 |
| Exit Button | 1 |
| Lock Control | 1 |
| Network Port | 1 × RJ-45 port，10Mbps/100Mbps network port |

## Alarm

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

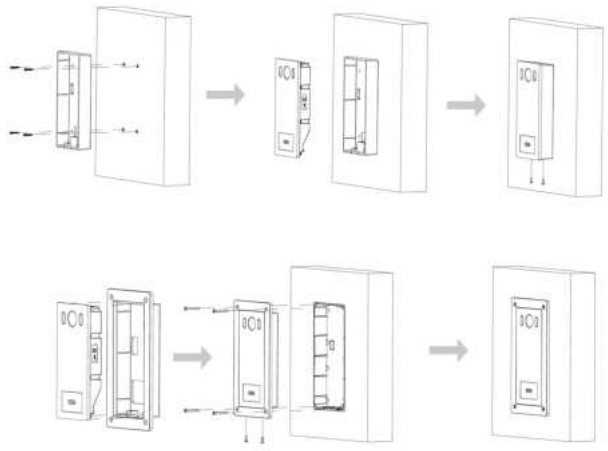
## General

| | |
|---|---|
| Appearance Color | Silver |
| Power Supply | 48 VDC, 0.4 A, PoE (802.3af/at) |
| Power Adapter | Optional |
| Installation | Flush Mount;Surface Mount |
| Certifications | CE |
| Accessory | Flush mount box (optional);<br>Surface mount box (optional) |
| Product Dimensions | 200.0 mm × 98.0 mm × 35.4 mm (7.87" × 3.86" × 1.39") |
| Protection | IK08, IP65 (silicone sealant is needed, see the quick start guide) |
| Operating Temperature | –40 °C to +60 °C (–40 °F to +140°F) |
| Operating Humidity | 10%–90% (RH), non-condensing |
| Operating Environment | Outdoor |
| Operating Altitude | Beneath 3000 m (9842.52 ft) |
| Power Consumption | ≤ 5 W (standby), ≤ 7 W (working) |
| Gross Weight | 692 g (1.53 lb) |
| Storage Temperature | 0 °C to +40 °C (+32 °F to +104 °F) |
| Storage Humidity | 30%–75%(RH) |

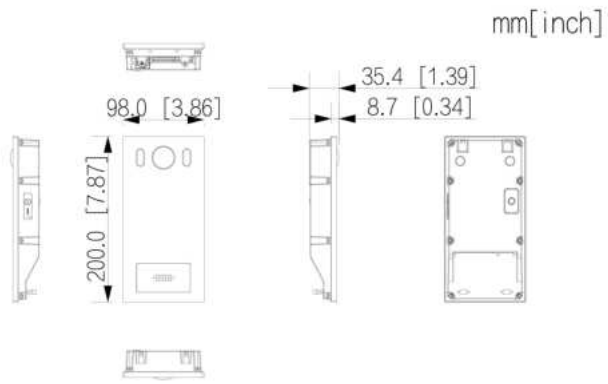
## Ordering Information

| Type | Model | Description |
|---|---|---|
| 2-wire IP Villa Door Station | DHI-VTO3222E-P | 2-wire IP Villa Door Station |

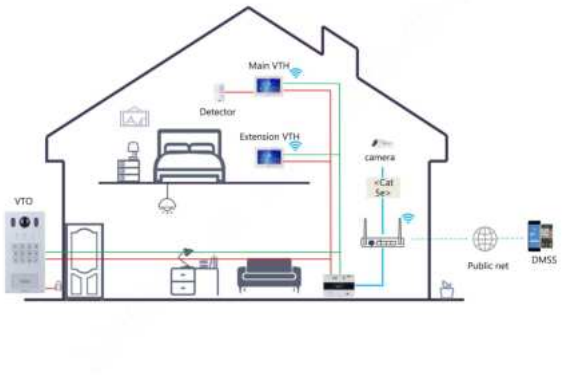
## Installation



## Dimensions (mm[inch])



## Application




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