

# DHI-VTO6222E-P

## 2-wire IP Apartment Door Station



### Technical Specification

|                    |                                                                          |
|--------------------|--------------------------------------------------------------------------|
| System             |                                                                          |
| Main Processor     | Embedded Processor                                                       |
| Operating System   | Embedded Linux OS                                                        |
| Button Type        | Mechanical                                                               |
| Number of Buttons  | 16                                                                       |
| Basic              |                                                                          |
| Screen Type        | Non-touchscreen                                                          |
| Display Screen     | 2.3"OLED                                                                 |
| 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                                                           |

- 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).



### Function

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Communication Mode | 2-wire                                                             |
| Unlock Mode        | Card swiping;password;remote                                       |
| Card Type          | Mifare card                                                        |
| Auto Snapshot      | Yes (SD card is inserted in the indoor monitor or door station)    |
| Leave Videos       | NA;Yes (SD card is inserted in the indoor monitor or door station) |
| Storage            | Supports Micro SD card (up to 256 GB)                              |
| Web Configuration  | Yes                                                                |

### Performance

|                       |                      |
|-----------------------|----------------------|
| Card Reading Distance | 0 cm—3 cm (0"—1.18") |
| Casing Material       | Aluminum             |
| Capacity              |                      |
| Card Capacity         | 10000                |

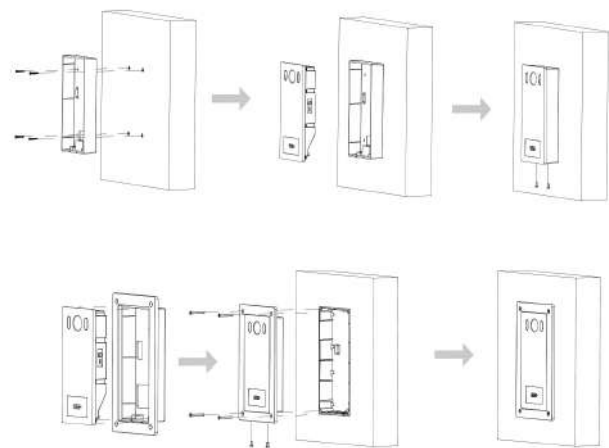
### Port

|              |                    |
|--------------|--------------------|
| RS-485       | 1                  |
| Wiegand      | 1                  |
| Alarm Input  | 1                  |
| Alarm Output | 1                  |
| Power Output | 1 port,12 V/600 mA |

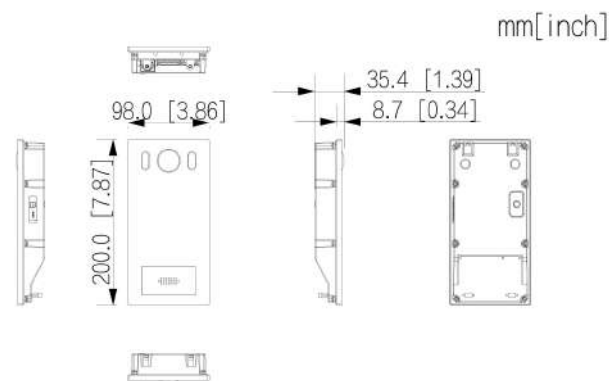
DHI-VTO6222E-P

|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
| 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          | 657 g(1.45 lb)                                                     |
| Storage Temperature   | 0 °C to +40 °C (+32 °F to +104 °F)                                 |
| Storage Humidity      | 30%–75%(RH)                                                        |

Installation



Dimensions (mm[inch])



Ordering Information

| Type                             | Model          | Description                      |
|----------------------------------|----------------|----------------------------------|
| 2-wire IP Apartment Door Station | DHI-VTO6222E-P | 2-wire IP Apartment Door Station |

Application

