

# DHI-VTO6521K-S2

## IP Apartment Door Station



### Functions

#### Video Intercom

Video intercom can be used with the Indoor Monitor (VTH), Master Station (VTS) and app.

### Scene

Ideal for use in multiple scenes such as office buildings, compound buildings, communities, etc.

### Technical Specification

#### System

|                  |                                                |
|------------------|------------------------------------------------|
| Main Processor   | Embedded Processor                             |
| Operating System | Embedded Linux OS                              |
| Button Type      | Mechanical                                     |
| Interoperability | CGI;ONVIF                                      |
| Network Protocol | FTP;RTMP;HTTP/HTTPS;DNS;RTSP;SSH;ONVIF;SIP;RTP |

#### Basic

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Screen Type       | Non-touchscreen                                                       |
| Display Screen    | 4.3-inch display screen                                               |
| Screen Resolution | 800 (H) × 480 (V)                                                     |
| Camera            | 1/2.8" 2MP CMOS high-definition, low illumination, cameras            |
| Field of View     | H: 95°; V: 50°; D: 110°                                               |
| WDR               | 120 dB                                                                |
| Noise Reduction   | 3D NR                                                                 |
| Video Compression | H.264; H.265                                                          |
| Video Resolution  | Main stream: 720P/D1/WVGA;<br>Sub stream: 1080P/720P/D1/WVGA/CIF/QVGA |
| Video Frame Rate  | 25 fps                                                                |

- 4.3" LCD with a resolution of 800 × 480.
- 2 MP HD camera.
- Supports smart illumination, which can reduce light pollution.
- Supports 40,000 users and 20,000 cards.
- Offers multiple types of alarms such as duress, tamper, emergency and alarms from door detectors.
- Supports leaving audio and video messages when no one responds through the indoor monitor. (An SD card in VTH is required).
- Supports multiple unlock methods including password, IC card, QR code (supported by DSS) and unlocks remotely.
- Unlocks the door through the indoor monitor, management center and app.
- Provides 12 VDC, 500 mA power for the extension module or card reader.
- IP65 rated. (Silicone sealant is required for the shell, see the quick start guide.)
- 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.)



|                    |                                          |
|--------------------|------------------------------------------|
| Video Bit Rate     | 1,024 kbps–8,192 kbps                    |
| Light Compensation | Auto white light                         |
| Audio Compression  | G.711a; G.711u; PCM                      |
| Audio Input        | 1 channel                                |
| 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                                                         |
| Verification Method | Remote;Card;Password                                                 |
| Auto Snapshot       | Yes                                                                  |
| Information Release | Receive and view text information released by the management center. |
| Leave Videos        | Yes (SD card inserted in VTH is needed)                              |

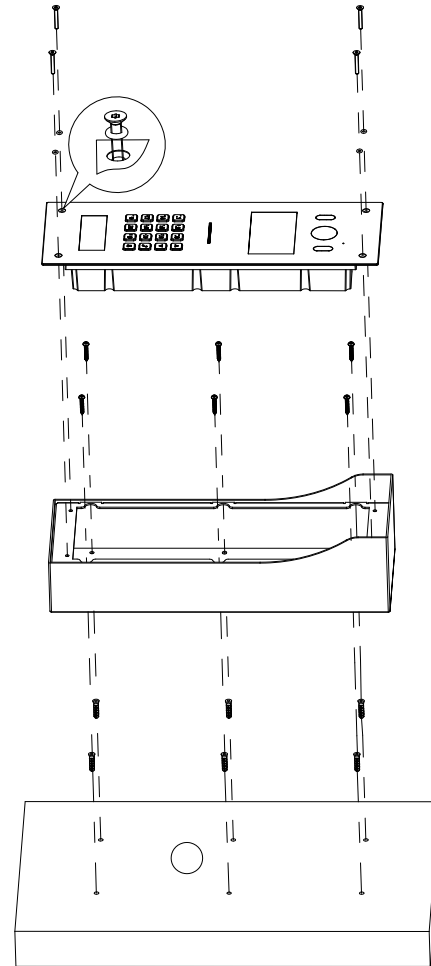
## Apartment Door Station | DHI-VTO6521K-S2

|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| Web Configuration     | Yes                                                                                        |
| Auto Registration     | Yes                                                                                        |
| RFID                  |                                                                                            |
| Card Type             | IC card                                                                                    |
| Performance           |                                                                                            |
| Card Reading Distance | 0 cm–4 cm (IC card)                                                                        |
| Issue Card Locally    | Yes                                                                                        |
| Casing Material       | Stainless steel precision casting                                                          |
| Capacity              |                                                                                            |
| Card Capacity         | 20,000                                                                                     |
| Port                  |                                                                                            |
| RS-485                | 1                                                                                          |
| Wiegand               | 1 (they can be set as an input or output port)                                             |
| Alarm Input           | 2 channels                                                                                 |
| Alarm Output          | 2 channels                                                                                 |
| Power Output          | 1 port (12 V, 500 mA)                                                                      |
| Exit Button           | 1 channel                                                                                  |
| Door Status Detection | 1 channel                                                                                  |
| Lock Control          | 1 channel, open by default                                                                 |
| Network Port          | 1 × 10 Mbps/100 Mbps Ethernet port                                                         |
| Alarm                 |                                                                                            |
| Tamper Alarm          | Yes                                                                                        |
| General               |                                                                                            |
| Unlock Password Mode  | User, public and duress passwords                                                          |
| Appearance Color      | Silver                                                                                     |
| Power Supply          | 12 VDC, 2 A;<br>Standard PoE                                                               |
| Power Adapter         | Optional                                                                                   |
| Installation          | Flush Mount; Wall Mount                                                                    |
| Certifications        | CE                                                                                         |
| Accessory             | Power supply (optional);<br>Flush mount box (optional)                                     |
| Product Dimensions    | 406 mm × 143 mm × 54.05 mm (15.98" × 5.63" × 2.13")<br>(H × W × D)                         |
| Protection            | IP65 rated (Silicone sealant is required. See the quick start guide for more information). |
| Operating Temperature | –30 °C to +60 °C (–22 °F to +140 °F)                                                       |
| Operating Humidity    | 0%–90% (RH), non-condensing                                                                |
| Operating Altitude    | 0 m–1,300 m (0 ft–4265.09 ft)                                                              |
| Power Consumption     | ≤5 W (standby), ≤18 W (working)                                                            |
| Gross Weight          | 2.3 kg (5.07 lb)                                                                           |

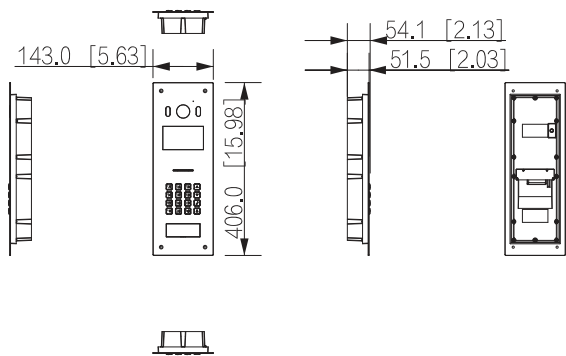
### Ordering Information

| Type         | Model           | Description                         |
|--------------|-----------------|-------------------------------------|
| Door Station | DHI-VTO6521K-S2 | IP Apartment Door Station           |
| Accessories  | VT0B103         | Flush Mounted Box                   |
|              | VTM57R          | Surface Mounted Box With Rain Cover |

### Installation



Dimensions (mm[inch])



Application

