

# DHI-VTO6521K

## Apartment Door Station



- 4.3-inch LCD display with easy-to-press metal buttons; screen resolution 800 × 480.
- 2MP CMOS; true WDR.
- 316 stainless steel panel; IP65, IK08.
- Operating temperature: -30 °C to +60 °C.
- Auto light illumination reduces light pollution.
- Multiple verification methods: Password, IC card, QR code, and remote unlocking.
- Support 20,000 users and 10,000 cards.
- Support full duplex; management platform, and voice call through APP.
- Support SIP server, and can manage 500 indoor monitors at most.
- Support duress alarm, tamper alarm, and door sensor timeout alarm.



### Technical Specification

#### System

|                  |  |
|------------------|--|
| Main Processor   | Embedded Processor   |
| Operating System | Embedded Linux OS  |
| Button Type      | Mechanical   |
| Network Protocol | RTSP; DNS; P2P; UPnP; RTP; RTMP; SIP; SSH; HTTP/HTTPS; ONVIF |

#### Basic

|                   |  |
|-------------------|--|
| Screen Type       | Non-touchscreen  |
| Display Screen    | 4.3" LCD   |
| Resolution        | 800 (H) × 480 (V)  |
| Camera            | 1/2.8" CMOS 2-MP low-illumination HD color camera  |
| Field of View     | H: 86.4°; V: 46.2°; D: 100.6°  |
| WDR               | 120 dB   |
| Noise Reduction   | 3D NR  |
| Video Compression | H.264  |
| Video Resolution  | 50 Hz: Main stream (720p@25 fps), sub stream (1080p@25 fps)<br>60 Hz: Main stream (720p@30 fps), sub stream (1080p@30 fps) |
| Video Frame Rate  | 25 fps   |

|                    |  |
|--------------------|--|
| Video Bit Rate     | 256 kbps–8 Mbps                          |
| Light Compensation | Auto white light                         |
| Audio Compression  | G.711a; G.711u; PCM                      |
| Audio Input        | 1  |
| Audio Output       | Built-in speaker                         |
| Audio Mode         | 2-way voice communication                |
| Audio Enhancement  | Echo suppression/digital noise reduction |
| Audio Bit Rate     | 16 kHz, 16 bit                           |

#### Function

|                    |                                 |
|--------------------|---------------------------------|
| Communication Mode | Full digital                    |
| Unlock Mode        | Card; remote; password; QR code |
| Card Type          | IC card                         |
| Motion Detection   | Video motion detection          |
| Leave Videos       | Yes                             |
| Web Configuration  | Yes                             |

#### Performance

|                       |                         |
|-----------------------|-------------------------|
| Card Reading Distance | 1 cm–3 cm (0.39"–1.18") |
| Issue Card Locally    | Yes                     |

|                       |   |
|-----------------------|---|
| Casing                | 316 stainless steel   |
| Capacity              |   |
| Card Capacity         | 10,000  |
| Port                  |   |
| RS-485                | 1   |
| Wiegand               | 1 (input or output, configurable)                                       |
| Electric Lock         | 1   |
| Alarm Input           | 1 (digital quantity)  |
| Alarm Output          | 1 (relay)   |
| Power Output          | 1-ch, 12 V/200 mA   |
| Exit Button           | 1   |
| Door Status Detection | 1   |
| Lock Control          | 1, normally open by default (can be expanded to 2 channels with RS-485) |
| Network Port          | 1 × RJ-45 10/100 Mbps Ethernet port                                     |

**Alarm**

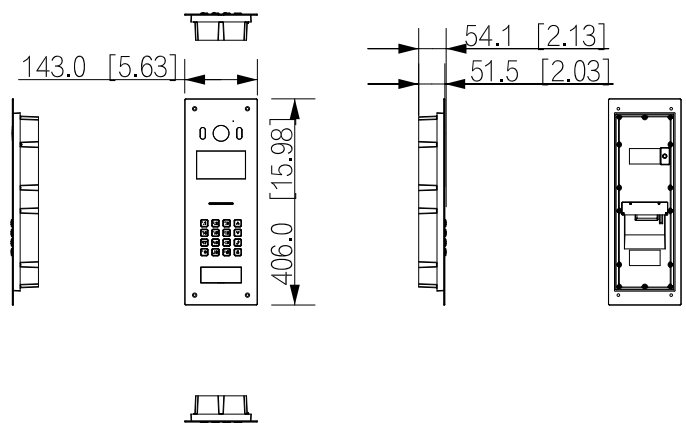
|              |     |
|--------------|-----|
| Tamper Alarm | Yes |
|--------------|-----|

**General**

|                       |  |
|-----------------------|--|
| Unlock Password Mode  | User password; public password; duress password                  |
| Appearance color      | Silver   |
| Power Supply          | 12 VDC, 2 A  |
| Power Adapter         | Optional   |
| Installation          | Flush Mount; Surface Mount                                       |
| Certifications        | CE; FCC  |
| Accessory             | Optional: flush mount box, rain cover                            |
| Product Dimensions    | 406 mm × 143 mm × 54.05 mm (15.98" × 5.63" × 2.13")              |
| Protection            | IP65 rated (silicone sealant is needed for installation)<br>IK08 |
| Operating Temperature | -30 °C to +60 °C (-22 °F to +140 °F)                             |
| Operating Humidity    | 10%–90% (RH), non-condensing                                     |
| Operating Altitude    | 0 m–3,000 m (0 ft–9,842.51 ft)                                   |
| Power Consumption     | ≤ 5 W (standby), ≤ 18 W (working)                                |
| Gross Weight          | 2.05 kg (4.52 lb)  |

| Ordering Information    |              |                                     |
|-------------------------|--------------|-------------------------------------|
| Type                    | Model        | Description                         |
| Door Station            | DHI-VTO6521K | 4.3 Inch Door Station               |
| Surface Mount Plate Box | VTM57R       | Surface Mounted Box With Rain Cover |
| Flush Mount Plate Box   | VTOB103      | Flush Mount Box                     |

**Dimensions (mm[inch])**



**Application**

