

DHI-VTO6521F

Apartment Door Station



- 4.3 inch IPS display; screen resolution 800×480
- 2MP CMOS; true WDR
- Aluminum anode surface; metal button; IP65, IK07
- Operating temperature: -30°C to +60°C
- Auto light illumination reduces light pollution
- Multiple unlock modes: Password unlock, IC card unlock, and remote unlock
- Support 20,000 users and 10,000 cards
- Support full duplex; management platform, and voice call through APP
- Support SIP server, and can manage 200 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 operating system |
| Button Type | Mechanical |
| Network Protocol | SIP; P2P; IPv4; FTP; UPnP; DNS; DDNS; RTSP; RTP; TCP; UDP |
| ROM | 4GB |
| RAM | 1GB |

Basic

| | |
|-------------------|-----------------------------------------------------------------------------------------|
| Display Screen | 4.3 inch IPS screen |
| Resolution | 800×480 |
| Camera | 1/2.7" 2MP CMOS high definition, low illumination, white illuminator and IR illuminator |
| Angle of View | Horizontal: 113.79°; vertical: 61.5°; diagonal: 134.45° |
| Focal Length | 2.8mm |
| Aperture | F2.0 |
| WDR | 120dB |
| Noise Reduction | 3D noise reduction |
| Video Compression | H.264 |

| | |
|--------------------|----------------------------------------------------------------------------------------------------------|
| Video Resolution | Main Stream: 720p, sub stream: 1080P |
| Frame Rate | Main Stream (720P@25fps), sub stream (1080P@25fps) Main Stream (720P@30fps), sub stream (1080P@30fps) |
| Video Bit Rate | 256Kbps–2048Kbps |
| Light Compensation | Auto white light |
| Audio Compression | G.711u |
| Audio Input | 1 |
| Audio Output | Built-in speaker |
| Audio Mode | Full duplex communication |
| Audio Enhancement | Echo suppression and cancellation/digital noise reduction |
| Audio Bit Rate | 16KHz, 16Bit |

Function

| | |
|-------------------------------|-----------------------------|
| Communication Mode | Full digital |
| Unlock Mode | Card/remote/password unlock |
| Card Type | IC card |
| Motion Detection | Video motion detection |
| Auto Snapshot | Yes |
| Leave Videos or Text Messages | Yes |
| Web Configuration | Yes |

Performance

| | |
|-----------------------|--------------------------------------|
| Card Reading Distance | 1cm–5cm |
| Issue Card Locally | Yes |
| Casing Material | Aluminum alloy |
| Capacity | |
| Card | 10,000 |
| Port | |
| RS-485 | 1 |
| Wiegand | 1 input port, 1 output port |
| Electric Lock | 1 |
| Alarm Input | 2 |
| Alarm Output | 2 |
| Power Output | 1 12V/100mA |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1, normally open by default |
| Network | 1 RJ-45 10Mbps/100Mbps self-adaptive |
| Alarm | |
| Tamper | Yes |

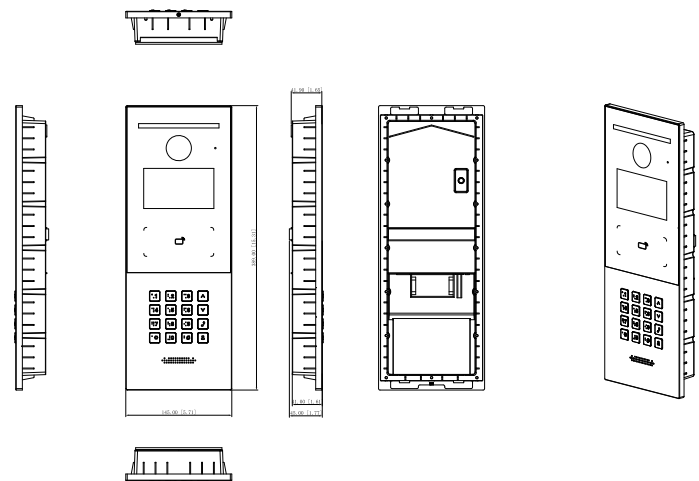
General

| | |
|-----------------------|--------------------------------------------------------------|
| Password Unlock Mode | User password/public password/duress password |
| Color | Silver |
| Power Supply Mode | DC 12V2A |
| Power Adapter | Optional |
| Installation | Surface mount and Flush mount |
| Certification | CE/FCC |
| Accessory | Optional |
| Product Dimensions | 389 mm×145 mm×41.9 mm (15.31"×5.71"×1.65") |
| Protection Grade | IP65 (silicone sealant is needed, see the quick start guide) |
| Operating Temperature | -30°C to +60°C (-22°F to +140°F) |
| Operating Humidity | 10%RH–90%RH (non-condensing) |
| Operating Altitude | 86kPa–106kPa |
| Power Consumption | ≤5W (standby), ≤18W (working) |
| Net Weight | 1.4 kg (3.09 lb) |
| Gross Weight | 1.68 kg (3.70 lb) |

Ordering Information

| Type | Model | Description |
|---------------------|--------------|------------------------------------------------------------------------|
| Door Station | DHI-VTO6521F | 4.3 Inch Door Station |
| Mounting Plate | VTM121 | Flush Mounting Plate for VTO75X1G 8-Inch Face Recognition Door Station |
| Surface Mount Plate | VTM130 | Surface Mount Plate (VTM130) for 4.3 Inch Door Station |

Dimensions (mm[inch])



Application

