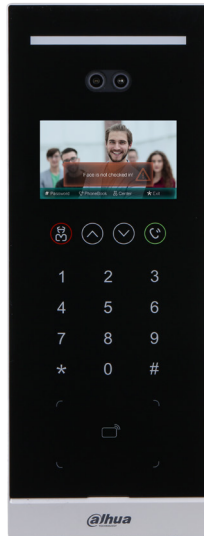


DHI-VTO6531H

Face Recognition Door Station



- 4.3 inch IPS display; screen resolution 800×480
- 2MP CMOS; true WDR
- Face-camera distance: 0.3 m–2 m; human height: 1.1 m–2.4 m (lens-ground distance: 1.4 m)
- Touch button; IP65
- Operating temperature: -30°C to +60°C
- Auto light illumination reduces light pollution
- Multiple unlock modes: Password unlock, IC card unlock, remote unlock and face unlock
- Support 20, 000 users, 10,000 face images, and 10, 000 cards
- Face recognition speed: 0.2 second per person
- Support liveness detection
- Support full duplex; management platform, and voice call through APP
- Support SIP server
- Support duress alarm, tamper alarm, and door sensor timeout alarm
- Various unlock status display modes protect user privacy



Technical Specification

System

| | |
|------------------|---|
| Main Processor | Embedded processor |
| Operating System | Embedded Linux operating system |
| Button Type | Touch button |
| 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 |
| Field of View | Horizontal: 87.42°; vertical: 46.48 °; diagonal: 104.13° |
| Focal Length | 4.0 mm |

| | |
|--------------------|--|
| Aperture | F1.6 |
| 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 Auto IR light |
| Day/Night | ICR auto switch |
| Audio Compression | G.711u |
| Audio Input | 1 |
| Audio Output | Built-in speaker |
| Audio Mode | Full duplex communication |

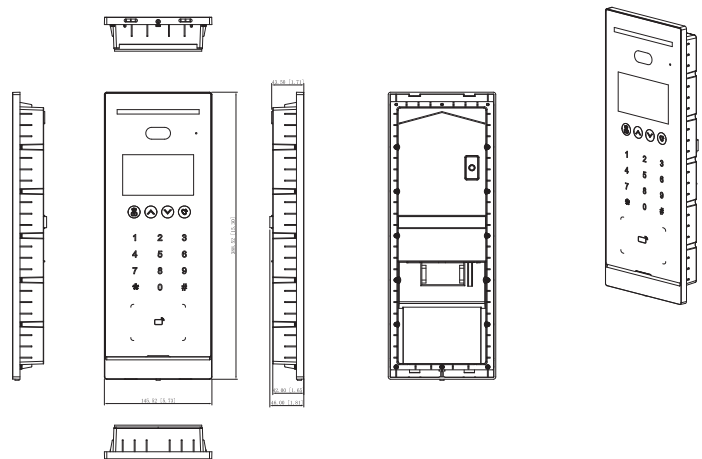
| | |
|--------------------------------|---|
| Audio Enhancement | Echo suppression and cancellation/digital noise reduction |
| Audio Bit Rate | 16KHz, 16Bit |
| Function | |
| Communication Mode | Full digital |
| Unlock Mode | Card/Remote/Password/Face unlock |
| Card Reading Type | IC card |
| Motion 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 |
| Face Recognition Height Range | 1.1m–2.4m is recommended |
| Face Recognition Distance | 0.3m–2cm |
| Face Recognition Configuration | Recognition threshold Facial profile angle |
| Face Verification Accuracy | 99.5% |
| Face Recognition Time | 0.2s |
| Casing Material | PC+ABS |
| Capacity | |
| Card | 10,000 |
| Face Image | 10,000 |
| Port | |
| RS-485 | 1 |
| Wiegand | 1 input port, 1 output port |
| Electric lock | 1 |
| Alarm Input | 2 (Digital quantity) |
| Alarm Output | 2 (Digital quantity) |
| 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 | |
| Unlock Password Mode | User password/public password/duress password |
| Color | Silver |

| | |
|-----------------------|--|
| Power Supply Mode | DC 12V2A |
| Power Supply | Optional |
| Installation | Surface mount and Flush mount |
| Certification | CE/FCC |
| Accessory | Optional |
| Product Dimensions | 388.5mm×145.5mm×43.5mm (15.30"×5.73"×1.71") |
| 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 | 10RH%–90RH% (non-condensing) |
| Operating Altitude | 86kPa–106kPa |
| Power Consumption | ≤5W (standby), ≤18W (working) |
| Net Weight | 1.0 kg (2.20 lb) |
| Gross Weight | 1.29 kg (2.84 lb) |

Ordering Information

| Type | Model | Description |
|-------------------------------|--------------|---|
| Face Recognition Door Station | DHI-VTO6531H | 4.3 Inch Face Recognition Door Station |
| Flush Mounting Plate | VTM121 | Flush Mounting Plate for 8 Inch Face Recognition Door Station of model VTO75X1G |
| Surface Mount Plate | VTM130 | Surface Mount Plate (VTM130) for 4.3 Inch Door Station |

Dimensions (mm[inch])



Application

