

EB-VTO4175K

Digital Face Recognition Outdoor Station



- Anodized aluminium alloy middle frame
- 8 inch capacitive touch screen and high definition IPS screen; resolution: 800 (H)×1280 (V)
- Face, fingerprint, password, and card unlock
- Face verification accuracy>99%; face comparison time ≤0.2s per person; false recognition rate<0.1%
- Face profiles can be recognized, the profile angle range is 0°–90°
- Support liveness detection
- Full duplex communication
- Outdoor stations can be managed through the platform; voice communication between mobile app and platform
- 2 MP low illuminance wide dynamic dual camera; white light fill light and IR fill light, fill light brightness can be adjusted
- Support duress alarm, tamper alarm, and fire alarm
- IK07; IP66 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
- Surface mount and flush mount



Technical Specification

| | |
|--------------------|---|
| System | |
| Main Processor | Embedded processor |
| Internet Protocol | IPv4, FTP, DNS, RTSP, RTP, TCP, UDP, SIP |
| Keyboard Type | Touch keyboard |
| Basic | |
| Appearance | G serials |
| Display | High definition IPS screen |
| Screen Type | Capacitive screen |
| Resolution | 800 (H)×1280 (V) |
| Camera | 1/2.8" 2MP CMOS |
| Angle of View | H:88°, V:47°, D:105° |
| WDR | 120dB |
| Light Compensation | Auto white light fill light Auto IR light fill light |
| Status Indicator | 1, blue-operation status |
| Voice prompt | Yes |

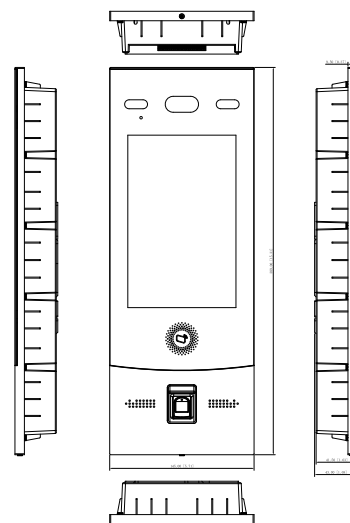
| | |
|--------------------------------|---|
| Housing Material | AL+PC+ABS |
| Function | |
| Unlock Mode | Remote/password/face/fingerprint/card |
| Online Update | Yes |
| Full Duplex Communication | Yes |
| Snapshot When Unlocking Doors | Yes |
| Information Release | Words, pictures, and videos can be played on the outdoor station |
| Leave Photos and Messages | Yes |
| Web Configuration | Yes |
| Motion Detection | Video motion detection |
| Issue Card Locally | Yes |
| Auto-Registration | Yes |
| Performance | |
| Face Recognition Range | Face-camera distance: 0.3 m–2.0 m Human height: 1.1 m–2.4 m |
| Face Recognition Configuration | Anti-fake switch Recognition threshold Facial profile angle |

| | |
|----------------------------|---|
| Face Verification Accuracy | >99% |
| Face Comparison Time | ≤0.2s |
| Capacity | |
| Face Capacity | 20,000 |
| Card Capacity | 10,000 |
| Fingerprint Capacity | 10,000 |
| Port | |
| RS-485 | 1 |
| Wiegand | 1 (input or output) |
| Ethernet | 1 10M/100M/1000M Ethernet port |
| Alarm Input | 2 (Switch quantity) |
| Alarm Output | 2 (Dry contact) |
| Alarm Linkage | Yes |
| Power Output | 1 DC 12V/100ma |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1, normally on or off by default |
| Alarm | |
| Tamper Alarm | Yes |
| Duress Alarm | Yes |
| Door Sensor Timeout | Yes |
| Regular | |
| Ingress Protection | IP66 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.) |
| Power Supply | Optional |
| Power Supply Mode | DC 12V/2A |
| Power Consumption | ≤24.0W |
| Product Dimensions | 389mm×145mm×43mm (15.31"×5.71"×1.69") |
| Packaging Dimensions | 413mm×182mm×104mm (16.26"×7.17"×4.09") |
| Operating Temperature | -20°C to +60°C (-4°F to +140°F) |
| Operating Humidity | 10%RH–90%RH |
| Operating Altitude | 86kPa–106kPa |
| Gross Weight | 1.91kg (4.21 lb) |
| Accessory | Mount plate |
| Installation Method | Surface mount and flush mount |
| Operating Environment | Outdoor |

Ordering Information

| Type | Model | Description |
|---------------------|-------------|--|
| Outdoor Station | EB-VTO4175K | 8 Inch Digital Face Recognition Outdoor Station EB-VTO4175K |
| Surface Mount Plate | VTM130 | Surface Mounting Plate for VTOx165/75 Series Door Station (Used when the outdoor station is installed on the wall) |
| Flush Mount Plate | VTM121 | Installation plate for 8 inch Digital Face Recognition Outdoor Station VTOx175G (Used when the outdoor station is installed in the wall) |

Dimensions (mm[inch])



Application

