

#### Verification



Face



Card



Password



QR Code

#### Features



Wi-Fi



Live  
Detection



Cloud



WDR



Touch  
Screen

## Face Recognition Device

### TrueFaceT50-IND



- 7" LCD with a resolution of 1024 × 600.
- The 2-MP dual-lens CMOS camera and high-performance image sensor ensure accurate recognition even in poor lighting and dark locations that lack illumination.
- Supports 50,000 users (up to 50 administrators), 50,000 faces, 50,000 passwords, 50,000 cards and 3,00,000 records.
- Multiple unlock methods including face, Mi-fare card, password and QR code. You can also combine them to create your own personal unlock methods.
- Recognizes faces 0.3 m to 2.0 m away (0.98 ft–6.56 ft), and detects persons between the height of 0.9 m and 2.4 m (2.95 ft–7.87 ft) when the camera is installed 1.4m above the ground.
- Powered by the face recognition deep learning algorithm, the device can accurately locate over 360 key points on the face of a target.
- Faces can be recognized within 0.2 seconds, without need for the person to touch the device.
- Liveness detection is used to detect spoof attempt, such as using a photo or video to gain access.
- Offers multiple types of alarms such as duress, tamper, intrusion, unlock timeout, and excessive use of illegal card and password.
- TCP/IP and Wi-Fi connection, auto registration, P2P registration, and DHCP.

## Specification

### Capacity

|                   |          |
|-------------------|----------|
| User Capacity     | 50,000   |
| Face Capacity     | 50,000   |
| Password Capacity | 50,000   |
| Card Capacity     | 50,000   |
| QR Capacity       | 50,000   |
| Record Capacity   | 3,00,000 |

### System

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Main Processor     | Embedded Processor                                           |
| Internet Protocol  | Pv4, RTSP, RTP, TCP, UDP, P2P                                |
| OSDP Protocol      | Yes                                                          |
| Display            | 7 inch IPS                                                   |
| Screen Type        | Capacitive touch screen                                      |
| Resolution         | 600(H)×1024(V)                                               |
| Camera             | 2 MP CMOS camera                                             |
| WDR                | 120dB                                                        |
| Light Compensation | Auto white light Auto IR light                               |
| Status Indicator   | 1 indicator light. Red: Error; Green: Normal; Blue: Working. |
| Voice Prompt       | Yes                                                          |
| Housing Material   | PC+ABS                                                       |

### Function

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Unlock Mode       | Face/ Card/ Password unlock and unlock through their combinations. |
| Card Reading Type | MIFARE Card                                                        |
| Period List       | 128                                                                |
| Holiday Period    | 128                                                                |
| First-Card Unlock | Yes                                                                |

|                              |                     |
|------------------------------|---------------------|
| Remote Verification          | Yes                 |
| Peripheral Card Reader       | 1 RS-485, 1 Wiegand |
| Multiple Card Authentication | Yes                 |
| Real-Time Surveillance       | Yes                 |
| Web Configuration            | Yes                 |

### Performance

|                            |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Card reading distance      | 1cm–5cm                                                         |
| Face Recognition Range     | Face-camera distance: 0.3 m–2.0 m;<br>Human height: 0.9 m–2.4 m |
| Face Verification Accuracy | >99.5%                                                          |
| Face Recognition Time      | 0.35s                                                           |

### Communication

|                       |                          |
|-----------------------|--------------------------|
| Ethernet              | 1 10M/100M Ethernet Port |
| Wi-Fi                 | Yes                      |
| USB                   | 1 USB2.0 port            |
| RS-485 / RS-232       | 1                        |
| Wiegand               | 1 input/output           |
| Alarm Input           | 2 (Switch quantity)      |
| Alarm Output          | 2 (Relay)                |
| Alarm Linkage         | Yes                      |
| Exit Button           | 1                        |
| Door Status Detection | 1                        |
| Lock Control          | 1                        |

### Alarm

|                       |     |
|-----------------------|-----|
| Anti-Passback         | Yes |
| Tamper Alarm / Duress | Yes |
| Door Sensor Timeout   | Yes |



|                                              |     |
|----------------------------------------------|-----|
| Intrusion / Illegal Card Exceeding Threshold | Yes |
| Duress Fingerprint                           | Yes |

### General

|                       |                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|
| Power Supply          | DC 12V 2A                                                                                                                 |
| Power Consumption     | 12W                                                                                                                       |
| Production Dimensions | 283.0mm×130.0mm×36.9mm (11.14"×5.12"×1.45")                                                                               |
| Packaging Dimensions  | Controller packaging: 380mm×235mm×124mm (14.96"×9.25"×4.88")<br>Protective case: 494mm×402mm×275mm (19.45"×15.83"×10.83") |
| Working Temperature   | -10°C to +55°C (+14°F to +131°F)                                                                                          |
| Working Humidity      | 0%RH-90%RH (non-condensing)                                                                                               |
| Working Environment   | Indoor                                                                                                                    |
| Gross Weight          | 1.8kg (3.97 lb)                                                                                                           |
| Installation Method   | Wall mounted                                                                                                              |
| Certifications        | CE/FCC                                                                                                                    |

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**Disclaimer :** All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.