

DS-K1T8105 Series Face Recognition Terminal

DS-K1T8105 series Face Recognition Terminal adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: 1:N face picture match, IC card authentication, etc. Face Recognition Terminal can apply to the scenarios of buildings, businesses, and other important areas.



Available Models

- DS-K1T8105E
- DS-K1T8105M

* *E* represents the device supports swiping EM card. *M* represents the device supports swiping Mifare card.

Features

- Wall mounting and base mounting
- 5-inch LCD touch screen to display operation interface, etc.
- 0.3 MP wide-angle lens
- Face recognition distance: 0.3 m to 1 m
- High performance processor with deep learning algorithm
- Max. 1000 face pictures storage
- Multiple authentication modes: authentication by comparing face picture, by swiping card and comparing face picture, by custom mode, etc.
- Applies face picture data and card data to the device via TCP/IP or uploading them to the device via the USB flash drive
- Stand-alone operation
- Transmits and saves the comparing results and the captured face pictures to the client software or others
- Supports TCP/IP, Wi-Fi, and EHome public network communication
- Connects to external access controller or card reader via Wiegand communication
- Connects to secure door control unit via RS-485 communication to avoid the door opening when the terminal is destroyed
- Watchdog design for protecting the device and ensuring device running properly



- Voice prompt

* *Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.*

Specifications

| Model | DS-K1T8105E | DS-K1T8105M |
|--------------------------------|---|-------------|
| Operation System | Linux | |
| LCD Screen | 5-inch LCD touch screen; Resolution: 800 × 480 | |
| Camera | 0.3 MP wide-angle lens | |
| Face Picture Capacity | 1000 | |
| Face Recognition Distance | 0.3 m to 1 m | |
| Face Recognition Accuracy Rate | ≥ 99% | |
| 1:N Face Recognition Duration | ≤ 1 s/Person | |
| Card Induction Distance | 1 ~ 5 cm | |
| Card Capacity | 1000 | |
| Event Capacity | 50,000 | |
| Communication Mode | 10/100 Mbps self-adaptive; Wi-Fi, EHome | |
| Indicator | Dual-color LED indicator | |
| Interface | RS-485 × 1, Wiegand × 1, USB 2.0 × 1, Alarm Output × 1, Alarm Input × 2, Lock × 1, Door Magnetic Sensor × 1, Exit Button × 1, Door Bell × 1, Tamper × 1 | |
| Power Supply | 12 VDC | |
| Working Temperature | -10 °C to 50 °C (14 °F to 122 °F) | |
| Working Humidity | 10% to 90% (Non condensing) | |
| Installing Method | Base mounting; wall mounting | |
| Dimensions | 190 mm × 157 mm × 98 mm (7.48" × 3.86" × 6.18") | |
| Application Situation | Indoor | |

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