

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 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
- Standard definition
- Face recognition distance: 0.3 m to 1 m
- Live face detection
- High performance processor with deep learning algorithm
- 1600 face capacity
- Multiple authentication modes
- Accurate and fast face recognition function. The face recognition duration is no more than 1 s per person and the face recognition accuracy rate is more than 99%
- Applies data to the device via TCP/IP or uploading data to the device via the USB flash drive
- Stand-alone operation
- Multiple languages supported: English, Thai, Spanish, and Arabic
- Supported attendance status: check in, check out, break out, break in, overtime in, and overtime out



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 - Transmits and saves the comparing results and the captured pictures to the client software or others
 - Supports TCP/IP, and Wi-Fi 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: 480 × 800 | |
| Camera | 0.3 MP wide-angle lens | |
| Face capacity | 1600 | |
| Face recognition distance | 0.3 m to 1 m | |
| Face recognition accuracy rate | ≥ 99% | |
| 1:N face recognition duration | ≤ 1 s/person | |
| Card capacity | 2500 | |
| Event capacity | 50,000 | |
| Communication mode | 10/100 Mbps self-adaptive; Wi-Fi | |
| Indicator | Dual-color LED indicator | |
| Interface | RS-485 × 1, Wiegand × 1, USB 2.0 × 1, alarm output × 1, alarm input × 2, lock × 1, door contact × 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% (no 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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