HIKVISION®

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	