DS-K1T804 Series
Fingerprint Access Control Terminal

Available Models

DS-K1T804F (Fingerprint)
DS-K1T804EF (EM Card, Fingerprint)
DS-K1T804MF (M1 Card, Fingerprint)

Features

- Person information structure: based on employee ID
- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
- Supports multiple languages: English, Vietnamese, Brazilian Portuguese, Spanish, French, Italian, Arabic, and Thai
- Accesses to public network via EHome 4.0 or 5.0 protocol, and sets EHome parameters on the client or device
- Integrated management of access control and the attendance
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Remotely registers fingerprints from the terminal to software
- Max. 3000 users, Max. 3000 fingerprints and Max. 100,000 event records
- Two attendance authentication modes: authentication by person, authentication by device
- Stand-alone operation: locally add person, card and fingerprint information
- Exports the swiping card data and the attendance report to the USB flash drive
- Up to 32 normal shifts and up to 32 man-hour shifts can be configured
- Up to 32 attendance holiday schedules and up to 128 access control holiday schedules can be configured
- Generates the attendance report automatically and view the attendance data easily
- The third party bell access
- Tamper alarm and duress alarm function

- Connects the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed
- Supports the third party alarm input

Specifications

Model	DS-K1T804F	DS-K1T804MF	DS-K1T804EF
Operating system	Linux		
Storage	Up to 3000 valid cards; Up to 100,000 event records; Up to 150,000 attendance records		
Fingerprint capacity	Up to 3000 fingerprints; up to 10 fingerprints for each person		
Fingerprint Comparing Mode	1:1 and 1:N, N=3000		
Card reading response duration	< 1 s		
Fingerprint authentication duration	< 1 s		
FAR (False Acceptance Rate)	≤ 0.001 %		
FRR (False Rejection Rate)	≤ 0.01 %		
Fingerprint recognizer	Optical fingerprint recognizer module		
External card reader	Standard Wiegand26/34		
Card Reading Distance	/	Supports Mifare card, including cards with special shapes; Supports reading card in metal environment	Supports EM card, including cards with special shapes; Supports reading card in metal environment
Card reading distance	/	0 to 4.5 cm	0 to 5 cm
Keypad	Keypad (backlight)		
Reset key	× 1		
Communication interface	TCP/IP, RS-485 (for secure door control unit), Wiegand output (W26/W34) and input (Wiegand 26/34)		
Wi-Fi	Support		
Wiegand interface	Output: Wiegand 26/34; Input: Wiegand 26/34		
Transmission rate	TCP/IP: 10/100Mbps, self-adaptive; RS-485: 19200 bps-N-8-1		
Input interface	Exit button × 1, door contact × 1 and alarm input × 1		
Output interface	Relay (lock output) × 1, and alarm output × 1		
USB	USB 2.0; type A		
LCD screen	2.4-inch (320× 240 LCD-TFT display screen)		
Audio	1 buzzer and 1 loudspeaker		
LED indicator	Power/status (red/green)		
Power supply	12 VDC/2 A		
Working temperature	-10 °C to +55 °C (14 °F to +131 °F)		

Model	DS-K1T804F	DS-K1T804MF	DS-K1T804EF
Working humidity	10% to 90% (no condensing)		
Tamper-proof	Support		
Color	Black (included), gold (optional), silver (optional), white (optional)		
Dimension (L × W × H)	205 mm × 76.5 mm × 37 mm (8.07" × 3.01" × 1.46")		
Installation	Surface mounting, metal door mounting, installation with gang box		

Appearance

Black

Gold

Silver

White

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