

DS-K1T804BMF

Fingerprint Access Control Terminal



The DS-K1T804BMF optical IP-based fingerprint access control terminal features multiple advanced technologies, including fingerprint recognition, Wi-Fi, LCD display screen, and time attendance. The DS-K1T804BMF is designed with a 2.4-inch LCD display screen and is equipped with an optical fingerprint recognition module.

Mounting is via a standard U.S. single gang box.

Available Models

DS-K1T804BMF: M1 card and fingerprint

- TCP/IP and Wi-Fi Communication
- 3000 Users, 3000 Fingerprints, and 100,000 Event Records
- 32 Normal Shifts/32 Man-Hour Shifts
- Automatic Attendance Report
- Wiegand 26/34 Output/Input Protocol
- Tampering and Duress Alarms
- Connects to Third-Party Bell

Specifications

DS-K1T804BMF	
Operating System	Linux
Storage	Up to 3,000 valid cards; up to 100,000 records
Fingerprint Capacity	Up to 3,000 fingerprints
Fingerprint Recognition Duration	1: N recognition duration (up to 3,000 fingerprints) <1s
FAR (False Accept Rate)	≤0.001%
FRR (False Rejection Rate)	≤0.01%
Fingerprint Recognizer	Optical fingerprint recognizer module
External Card Reader	Standard Wiegand 26/34
Card Reading Mode	M1 card
Card Reading Distance	≤5 cm
Keyboard	Keyboard (backlit)
Reset Key	× 1
Communication Interface	Wi-Fi, TCP/IP, RS-485 (for secure door control unit), Wiegand output (w26/w34) and input (Wiegand 26/34)
Transmission Rate	TCP/IP: 10/100 Mbps, self-adaptive; RS-485: 19200 bps-N-8-1
Input Interface	Door switch button x 1, door magnetic sensor x 1, tamper-resistant switch x 1, and alarm input x1
Output Interface	Relay (lock output) x 1, doorbell output x 1, and alarm output x 1
USB	USB 2.0
LCD Screen	2.4-inch (320 × 240 LCD-TFT display screen)
Audio	1 buzzer and 1 loudspeaker
LED Indicator	Power/status (red/green), key backlight (white)
Certifications	CE, FCC, UL 60950-1
Power Supply	12 VDC
Working Current	1 A (maximum)
Working Temperature	14° to 131° F (-10° to 55° C)
Working Humidity	10% to 90% (non-condensing)
Water-Resistance	IP42
Tamper-Resistance	Supported
Dimension	8.07" × 3.01" × 1.46" (205 mm × 76.5 mm × 37 mm)

Dimensions

