UltraFP 101 Fingerprint Access Control

Main Features

- Integrated management of access control and the attendance
- 2.4-inch LCD screen to display the time, the date and swiping/fingerprint authentication results
- Supports registering fingerprints from the terminal to software remotely
- 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
- 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 doorbell can connect the third party bell
- Tamper alarm and duress alarm function
- It is available to connect the external secure door control unit via RS-485 to avoid the door opening when the terminal is destroyed
- Intelligent English input
- Supports the third party alarm input.

Specifications

Parameters	ULtraFP804MF	ULtraFP804EF
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 Accept Rate)	≤ 0.001 %	
FRR (False Rejection Rate)	≤ 0.01 %	
Fingerprint Recognizer	Optical Fingerprint Recognizer Module	
External Card Reader	Standard Wiegand26/34	
Card Reading Mode	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 4.5cm	0 to 5cm

SPECIFICATIONS

Parameters	ULtraFP804MF	ULtraFP804EF
Keyboard	Keyboard (Back Light)	
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; RS485: 19200 bps-N-8-1	
Input Interface	Exit Button × 1, Door Sensor × 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)	
Working Humidity	10% to 90% (No Condensing)	
Water-Proof	IP42	
Temper-Proof	Support	
Appearance Color	Black	
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	