



## Product Introduction

F4 Two-In -One Standard Fingerprint Access Control with Time & Attendance features for Security Access and Time Recording application. This advance Biometrics Technology will eliminate the pertinent problem of “Buddy Punching” that cost the Company millions of dollars each and every year due to fraud.

F4 Standard Fingerprint Access Control adopted an up to date 21<sup>st</sup> Century Industrial design with robustness and refined look in mind. It has built-in integrated professional access control management software and simplified time and attendance software and also drivers for data collection to enable interface to 3<sup>rd</sup> party T&A solutions.

## Benefits

- A Group or Individual Access Time Zone.
- Access Control and Attendance can be managed accurately.
- Integrated single door controller, easy installation.
- Advanced cordless door bell, three kinds of musical tone.
- Red and green indicator lights on the panel.
- Tamper proof with warning when dismantle.
- Support multiple network interface.

## Technical Specification

- User capacity: **1500**/2200/2800
- Transaction: **50000**/80000/100000/120000
- Verification mode: One to one or one to more
- Access Control: 50 Time Zone, 5 Grouping, 10 Combination, Holiday Management, support many fingerprint access, intimate fingerprint access grade security management, support standalone work
- Electrocontrol: Directness relay output 3A/12VDC or encrypt Electrocontrol output\*
- Integration: Integrate Proximity Reader(ID) or Contactless Smart Card Reader(Mifare)
- Communication: RS232, RS485, TCP/IP
- Keypad Or Display: LCD with 80 character and figure keypad, wireless doorbell
- Power: 9-24V DC, stay current, 0.50 mA, work current: 400 mA
- Validating Speed:  $\leq 2$  s
- FRR:  $\leq 1\%$
- FAR:  $\leq 0.0001\%$
- Baud rate: RS232: 115200 RS485: 115200 TCP/IP(RJ45 interface)
- Sensor: ZK sensor U.R.U sensor
- Operating Temperature:  $0^{\circ}\text{C} - 45^{\circ}\text{C}$
- Operating Humidity: 20%-80%
- Authentication: CE, FCC, MA
- Management software: Transaction fingerprint management and Access control attendance options and network management
- Language: English, Simplified Chinese, Traditional chinese
- Size: 150(L) \* 145(W) \*38.5(H) mm