

F18

Fingerprint Standalone Access Control



F18 is an innovative biometric fingerprint reader for access control application. With high-performance firmware functions and compact design, it has become one of ZKTeco's most popular devices. It is applied with ZKTeco's latest firmware with user-friendly UI and flexible user privilege settings for multi-level management. The new hardware platform uses ZMM210 core-board with 1.2Ghz CPU. With optimization of both hardware platform and firmware, the new f18 is able to verify fingerprints with even higher efficiency. The device offers flexibility of both standalone installation and installation with any third-party access control panels which support standard Wiegand signal. TCP/IP and RS485 are also available which enable F18 to be applied in different network.



TFT Color Screen

- Audio-visual indication for acceptance and rejection of valid/invalid fingerprints
- More simple and convenient operation



Slim and Elegant Design

- Streamlined and slim design for narrow spaces



New Platform

- ZMM210 hardware with 1.2GHz CPU further speeds up processing time



Easy Installation and Connectivity

- Wiegand input & output
- Network interface by TCP/IP or RS485



Full Access Control Features

- Webservice
- Anti-passback
- Access control interface for 3rd party electric lock, door sensor, exit button, alarm and doorbell



New Firmware

- Adopts new firmware which optimizes various functions and supports flexible user privilege setting for multi-level management

Specifications

| | |
|--------------------------|--|
| Display | 2.4-inch TFT LCD Color Screen |
| Fingerprint Capacity | 3000 |
| Card Capacity | 5000(Optional) ID /Mifare/HID card |
| Transaction Capacity | 100,000 |
| Sensor | ZK Optical Sensor |
| Algorithm Version | ZK Finger V9.0&10.0 |
| Communication | RS232/485, TCP/IP, USB-host |
| Access Control Interface | 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell |
| Wiegand Signal | Input, Output,SRB |
| Functions | DST, Record Query, Anti-passback, External RS485 fingerprint reader, Printer(Optional) |
| Power Supply | 12V DC, 3A |
| Operating Temperature | 0 °C- 45 °C |
| Operating Humidity | 20%-80% |
| SDK and Software | Standalone SDK,ZKAccess3.5 software |
| Dimension(WxDxH) | 80×183×42mm |

Optional Accessories



FR1200



RFID Reader



Exit Button



Electric Lock

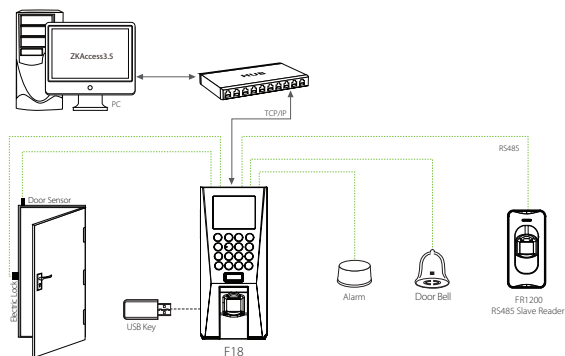


Alarm

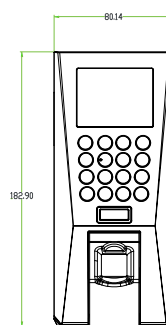
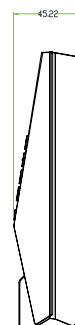


Sensor

Configuration



Dimensions (mm)



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