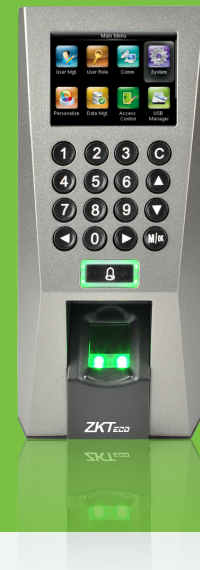


F18

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

- Webserver
- 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	30,000
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

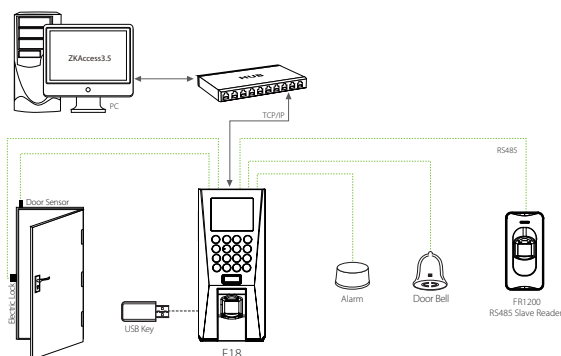


Alarm

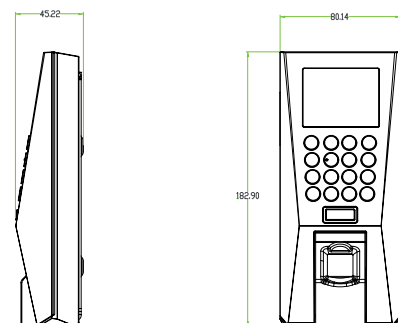


Sensor

Configuration



Dimensions (mm)



Version 1 2021.02.22

Accessories

Overview

The Rainshield protects your device from harsh weather and sunlight tarnishing the outer materials. The Rainshields and backboxes are made from mild steel and powder coated with black but the powder coating color can be changed on request.

The Backbox fits inside the rainshield and allows for neat and adequate cable management. Devices without a IP rating to go outside does not have a rainshield.



F18 BACKBOX

Specification

Color	Black
Paint	Powder Coat
Material	Mild Steel

Version 1 2021.02.22