



F18

Fingerprint Standalone Access Control

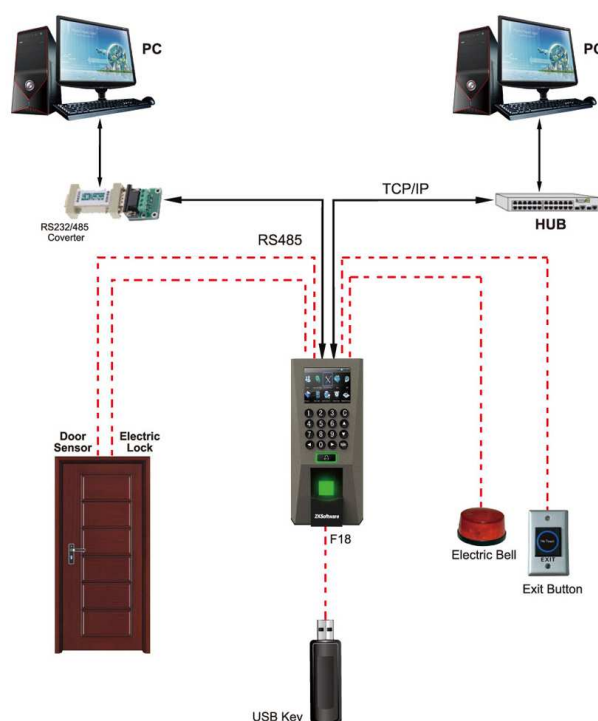
Introduction

F18 is an innovative biometric fingerprint reader for access control application, offering unparalleled performance by using an advanced algorithm for reliability, precision and excellent matching speed. The F18 features the fastest commercial-based fingerprint matching algorithm and ZK high-performance, high-image quality infrared detection fingerprint sensor. The device offers flexibility to be installed standalone or with any third party access control panels that support standard Wiegand signal. All the operation can be done on the TFT-LCD color screen. The fingerprint image will be displayed on it. That will guide user to put finger on proper position and increase recognition rate. TCP/IP and RS485 are available that the device can be used in different network.

Features:

- Three different kinds of interface style, including common, matrix and magic styles
- Reliable, durable and high accurate ZK infrared detection fingerprint sensor with version 10.0 fingerprint algorithm
- Less than 1 second user recognition
- Stores 1500 fingerprint templates and 30,000 transactions
- Reads fingerprint and/or RFID cards
- Built-in Serial and Ethernet ports
- Built-in Wiegand input/output port for connection to third part access control panels
- Built-in USB port allows for manual data transfer
- Audio-Visual indication for acceptance and rejection of valid/invalid fingers
- Tamper switch and alarm contacts

Configuration:



Specifications:

Fingerprint Capacity	1500 Templates
Transaction Capacity	30,000 Transactions
Sensor	ZK Infrared Detection Fingerprint 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, Door Bell
Wiegand Signal	Input and Output
Display	TFT LCD Color Screen
Interface Styles	Common, Matrix and Magic styles
Standard Function	Webserver, DLST, Anti-passback
Optional Function	ID Card, Mifare Card
Power Supply	12V DC,3A
Operating Temperature	0 °C - 45 °C
Operating Humidity	20%-80%
Dimension	80*183*42mm

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