F18

Biometric Fingerprint System

Introduction

F18 is an innovative biometric fingerprint system for access control application, offering unparalleled performance by using advanced algorithm for reliability, precision and excellent matching speed.

The F18 features the fastest commercial based fingerprint matching algorithm and high image quality infrared detection fingerprint sensor.
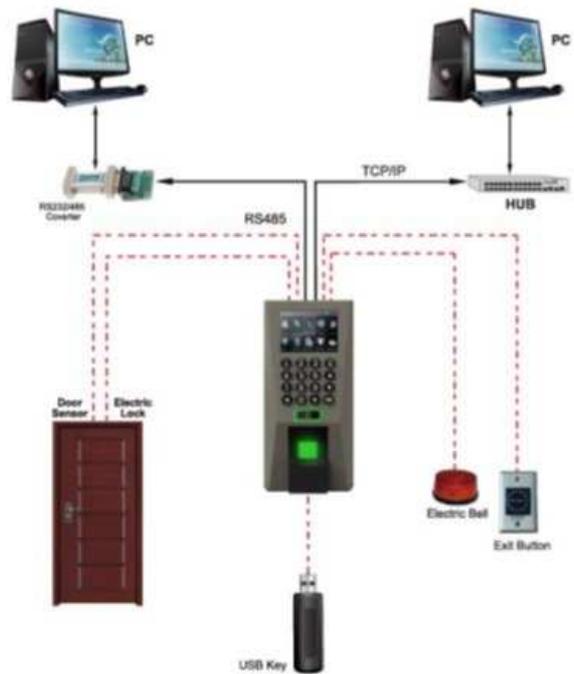The device offers flexibility to be installed standalone or with any third party access control panels that support standard Wiegand signals.

The F18 can be used in multi factor authentication that support fingerprint, password and proximity cards. All the operation can be done on the TFT – LCD colour screen. TCP/IP and RS485 are available that the device can be used in different networks.

Features :	**Configuration :**

Features :

- Stores 1500 fingerprint templates and 30,000 transactions
- Reads fingerprint,pin and/or RFID cards
- Built in USB port allows for manual data transfer
- Less than I second user recognition
- Built in Serial and Ethernet ports
- Tamper switch and alarm contacts
- Built in wiegand in/output port for connection to third part access control
- Reliable, durable and high accurate detection fingerprint sensor
- Audio Visual indication for acceptance and rejection of valid/invalid fingers

Configuration :

Specifications :

Model Name	F18
Authentication Mode	Fingerprint / Card / Password
Fingerprint Capacity	30,000 Events
Identification Capacity	1500
Communication	TCP/IP , RS485
False reject rate(FRR)	</=0.01%
Identification Time	</=1 Sec
U Disk up / Download	Available
Lock Output	Normal Open / Normal Closed
Door Open Button	Can connect the common button or wireless remote controller
Doorbell Output	Can connect the doorbell in every voltages
Access Control Interface	Wiegand 26/34 Optional, input/Output Optional
Power	DC 12V / 3A
Operational Temperature	0°C----+50°C , Humidity : 80%
Bell	Built in Timing Bell
Size of the Terminal	180 (L) * 75 (W) * 35 (H) mm