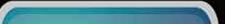# AC-F18

Fingerprint Standalone Access Control

AC-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 AC-F18 features the fastest commercial-based fingerprint matching algorithm and 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

Colour TFT Screen

‣ *TFT-LCD 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

‣ *Fast and accurate fingerprint algorithm*
* User recognition in 1 second
* Store 3,000 fingerprint templates and 30,000 transactions

‣ *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

‣ *Easy operation and management*
* Work with computer
* Buzzer, 4×4 keypads and doorbell
* Built-in serial and Ethernet ports
* Built-in USB port allows for manual data transfer

Specifications:

Fingerprint Capacity	3000 Templates
Transaction Capacity	30,000 Transactions
Sensor	SK Optical sensor
Algorithm Version	SK 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, Anti-passback
Optional Function	ID Card, Mifare Card
Power Supply	12V DC,3A
Operating Temperature	0 ℃- 45 ℃
Operating Humidity	20%-80%
Dimension	80*183*42mm

Optional Accessories:

| FR1200 | RFID Reader | Exit Button | Electric Lock | Alarm | Door Sensor |

Configuration:

PC

HUB

TCP/IP

Electric Bell

Door Sensor

Electric Lock

FR1200

USB Key

Application:

Networked Security:
School

Networked Security:
Building

Standalone Access Control:
Shop

Standalone Access Control:
House

Time Attendance:
Factory

Time Attendance:
Office

CE FC RoHS