



R18

Fingerprint Standalone Access Control

Introduction

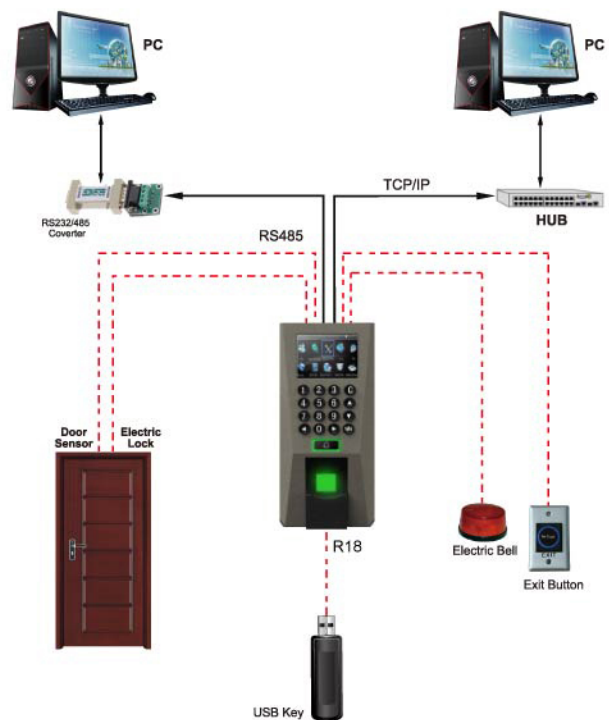
R18 is an innovative biometric fingerprint reader for access control application, offering unparalleled performance by using an advanced algorithm for reliability, precision and excellent matching speed. The R18 features the fastest commercial-based fingerprint matching algorithm and HIT high-performance, 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 HIT infrared detection fingerprint sensor with version 10.0 fingerprint algorithm
- Less than 1 second user recognition
- Stores 3000 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 | 3000 Templates |
| Transaction Capacity | 30,000 Transactions |
| Sensor | Infrared Detection Fingerprint Sensor |
| Algorithm Version | 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 |