



# F18

## Fingerprint Access Control Reader



### Biometric Performance

Reliable, durable and highly accurate ZK fingerprint sensor with ver. 10 algorithm provides less than 1.5 second user recognition.



### Communication

Weigand output for connecting to access control panel and Ethernet port for fast and reliable communication with the computer



### Easy Operation and Management

Works without computer. Complete setup and programming can be done via keypads and embedded firmware. Graphical User interface on a 3.5 inch TFT display for rich user experience. Audio-Visual Indication for acceptance and rejection of valid/invalid fingerprints.



### Capacity

Can store up to 1500 templates and 30000 transactions. The data can be backed up to a USB flash drive and can also be transferred to another reader in the absence of computer connectivity.



### Full Access Control Built In

Relay Outputs for electric lock and alarm. Inputs for door status sensor and exit switch. Supports multiple timezones and personnel groups for programming valid entry zones. The Alarm will be triggered when the tamper switch is activated.



### Options

Internal Proximity Card or Mifare Card reader allows dual factor authentication for access control.

## Part Numbers

**F18-ID** Standalone Fingerprint reader with ID card reader

**F18-M** Standalone Fingerprint reader with Mifare card reader

**F18-HID** Standalone Fingerprint reader with HID card reader

## Specifications

### Capacity

- Fingerprint: 1,500 templates
- Transactions: 30,000

### Display

- TFT LCD color screen

### Communication

- TCP/IP
- RS485
- USB-Host

### Access Control Interface

- 3rd party electric lock
- door sensor
- exit button
- alarm
- door bell

### Wiegand Signal

- Input
- Output

### Optional Function

- ID Card
- Mifare Card

### Power

- Power Supply: 12V DC, 3A (optional)

### Environment

- Operating Temp: 32-113 °F (0-45 °C)
- Operating Humidity: 20% to 80%

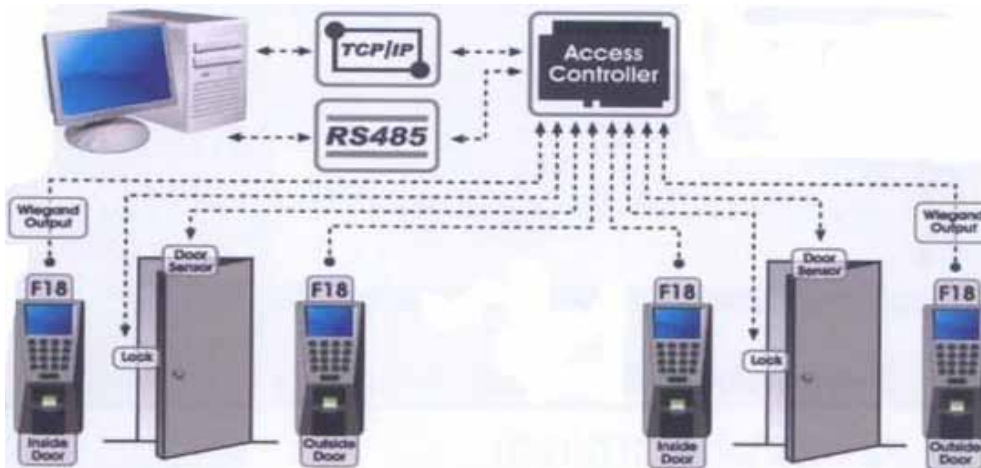
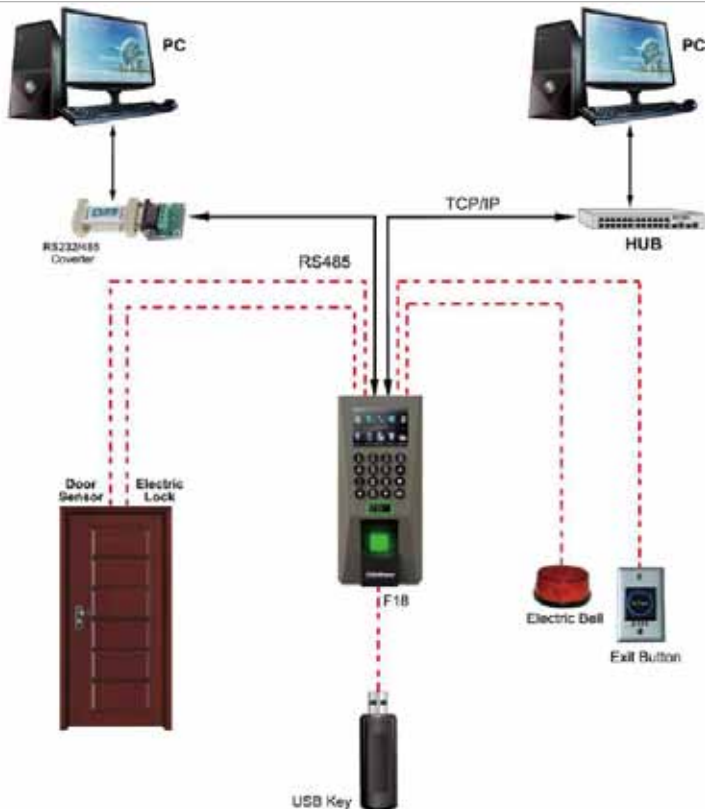
### Dimensions

- Length: 5.8" (183 mm)
- Width: 2.5" (80 mm)
- Depth: 1.3" (42 mm)

### Packaging

- Dimensions: 5 3/4" x 9 1/2" x 3 1/4"
- Weight: 3 lbs (48 ozs.)

## Configuration



### ZK Technology

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