



## F18-ID

Standalone Fingerprint Reader Controller

F18-ID is an indoor-rated standalone fingerprint reader which can be connected either directly to a door lock or any access control panel via Wiegand interface.



### Biometric Performance:

Reliable, durable and highly accurate ZK fingerprint sensor with latest fingerprint matching algorithm which provides less than 1.5 second user recognition.



### Communication:

Wiegand output for connecting to access control panel and Ethernet port for fast and reliable network communication.



### Capacity:

Can store up to 3,000 templates and 30,000 transactions. The data can be backed up to a USB flash drive and can also be transferred to another reader in the absence of network connectivity.



### Options:

F18-ID can be configured with optional internal modules which read HID Prox, or 13.56 MHz Mifare cards.



### Full Access Control Built In:

Relay Outputs for electric lock and alarm. Inputs for door status sensor and request to exit hardware. Supports multiple time zones and personnel groups for programming valid entry zones.



### Easy Operation and Management:

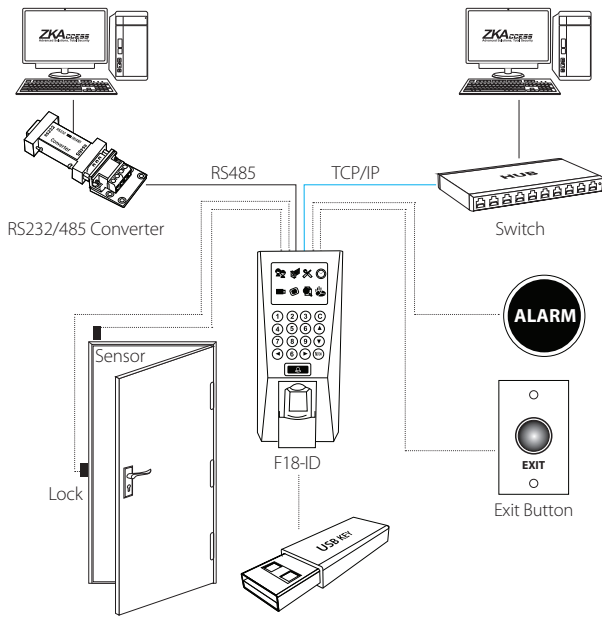
Works without a computer. Complete setup and programming can be done via the F18-ID's keypad and embedded firmware. Audio-Visual Indication for acceptance and rejection of valid/invalid fingerprints, cards and passwords.



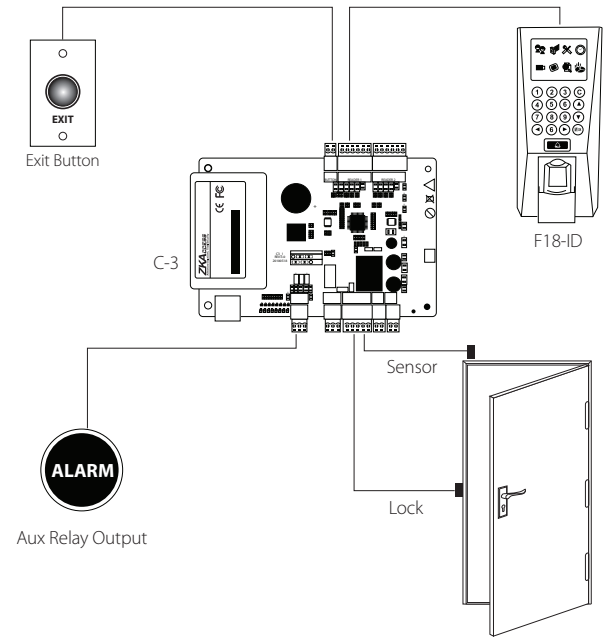
### For Software Developers:

Free SDK and development tools are available for developers/partners who wish to integrate F18-ID with any application which requires verifying people. Custom development is also available for OEM partners upon request.

## Standalone Installation



## Installation with Access Control Panel



## Specifications

### Capacity

Fingerprint: 3,000 templates  
Transactions: 100,000 logs

### Access Control Interface

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

### Communication

Ethernet, Weigand Input and Output, RS485, USB Host

### Display

3.5in TFT LCD Color Display

### Power

12V DC, 3A

### Dimensions

Height: 7.20 in (18.3cm)  
Width: 1.65in (4.2 cm)  
Length: 3.15in (8.0 cm)  
Weight: 2.5 lbs. (1.1 kg)

### Environment

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

### Supported Card Formats

ZKAccess, Mifare, HID prox, and HID iClass

### Part Numbers

F18-ID with ZKAccess card reader  
F18-HID with HID card reader  
F18-M with Mifare card reader

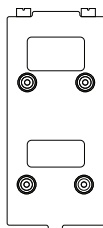
## What's in the Box



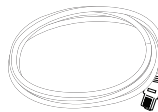
F18-ID



Installation Template



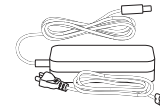
Back Plate



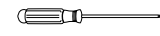
Network Cable



Screws



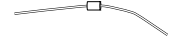
AC Power Adapter



Screwdriver



Cables



Diode

## ZKTeco USA

6 Kingsbridge Road, Unit 8, Fairfield, NJ 07004  
Phone: (862) 505-2101 • Fax: (862) 204-5906 • sales@zkaccess.com • www.zkaccess.com

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