



F 18

Standalone Fingerprint Reader Controller

Modern standalone fingerprint controller with color display



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:

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. Audio-Visual Indication for acceptance and rejection of valid/invalid fingerprints, cards and passwords.



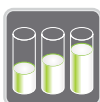
Options:

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



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.



Capacity:

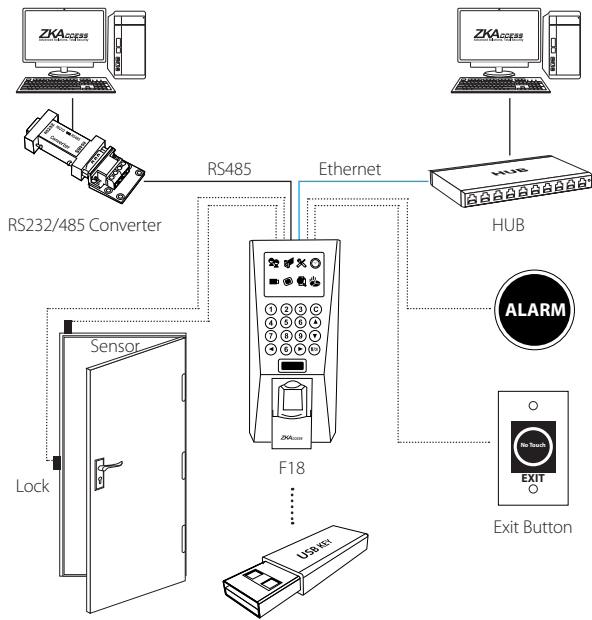
Can store up to 3,000 templates and 30,000 transactions. The data can be backed up to a USB flash drive and can also be transferred to another reader in the absence of computer connectivity.



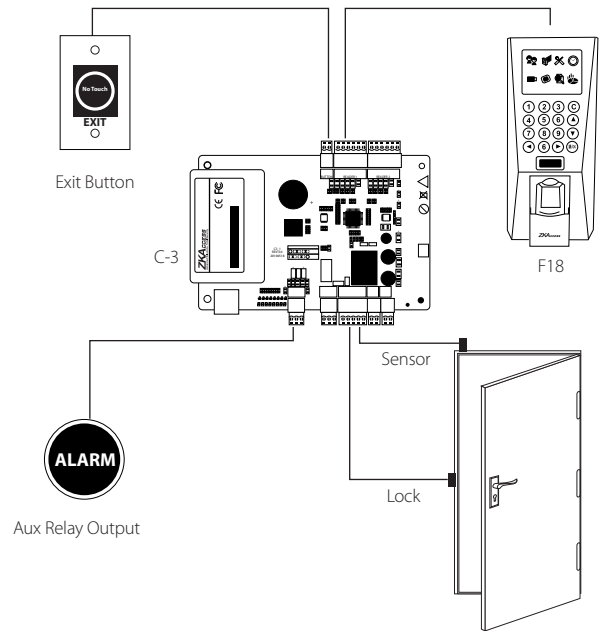
For Software Developers:

Free SDK and development tools are available for developers/partners who wish to integrate F18 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: 30,000

Display

3.5in TFT LCD Color Display

Communication

Ethernet, Weigand Input and Output,
RS485, USB Host

Access Control Interface

3rd party electric lock, Door sensor,
Exit button, Alarm, Door bell

Power

12V DC, 3A

Environment

Operating Temperature: 32° to 113° F (0° to 45° C)

Operating Humidity: 20% to 80%

Supported Options

ID Card, Mifare Card

Dimensions

Height: 7.20in (18.3cm)

Length: 3.15in (8.0 cm)

Width: 1.65in (4.2 cm)

Weight: 0.90lbs (0.41kg)

Part Numbers

F18

F18-ID with Proximity card reader

F18-HID with HID card reader

F18-M with Mifare card reader

What's in the Box



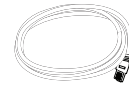
F18



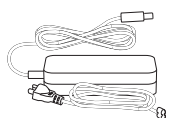
Installation Template



Back Plate



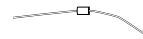
Network Cable



AC Power Adapter



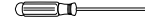
Cables



Diode



Screws



Screwdriver



Design and Specifications subject to change without notice

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