



# TF 1700

Standalone Outdoor Fingerprint  
Reader Controller

## IP65 rated Fingerprint Access Control Reader



### 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:

TF1700 installs easily on your network having both Ethernet and RS232/485 serial ports. Weigand-OUT port allows connection of reader to ZK or any 3rd party access control panel. Using Weigand-IN port you connect to any card reader for dual factor authentication.



### 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.



### Full Access Control Built In:

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



### Waterproof Enclosure:

IP65 rated waterproof enclosure permits this reader to be used for outdoor applications. The cables and connectors are epoxy sealed at the back of the reader.



### Capacity:

Can store up to 2,200 fingerprint templates, 10,000 cards and 30,000 transactions. The data can be backed up to a USB Flash Disk and can also be transferred to another reader in the absence of computer connectivity



### Options:

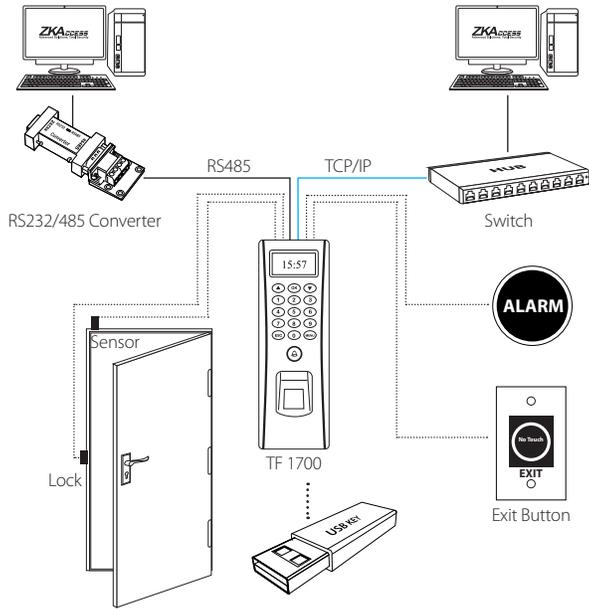
Internal Proximity Card or Mifare Card reader allows dual factor authentication for access control.



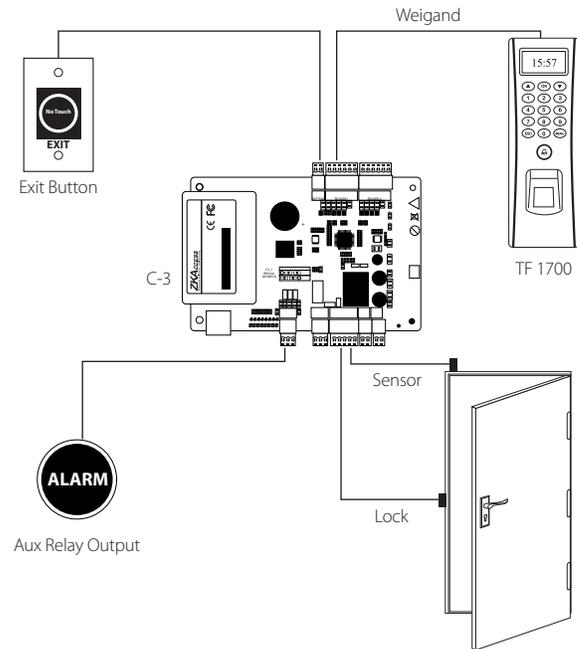
### For Software Developers:

Free SDK and development tools are available for developers/partners who wish to integrate TF1700 with any application which requires verifying people.

## Standalone Installation



## Installation with Access Control Panel



## Specifications

### Capacity

**Fingerprint:** 2,200 templates  
**Cards:** 10,000 templates  
**Transactions:** 30,000 logs

### Display

3.5inch OLED Monochrome Display

### Access Control Interface

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

### Communication

Ethernet, RS 232, RS485, Weigand Input and Output, USB Host

### Power

12V DC, 3A

### Environment

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

### Dimensions

**Height:** 7.28in (18.5cm)  
**Length:** 2.46in (6.25 cm)  
**Width:** 1.63in (4.15 cm)  
**Weight:** 0.80lbs (0.36kg)

### Supported Card Formats

ID Card  
 Mifare Card

## Part Numbers

TF 1700

TF 1700-ID with Proximity card reader

TF 1700-M with Mifare card reader

## What's in the Box



TF 1700



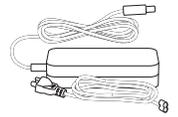
Installation Template



Back Plate



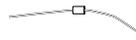
Network Cable



AC Power Adapter



Cables



Diode



Screws



Screwdriver



Design and Specifications subject to change without notice

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