TF1700
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.

Options:
Internal Proximity Card or Mifare Card reader allows dual factor authentication for access control.
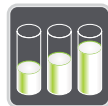
Full Access Control Built In:
Relay Outputs for electric lock and alarm. Inputs for door status sensor and request to exit hardware. Supports multiple timezones and personnel groups for programming valid entry zones.

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.
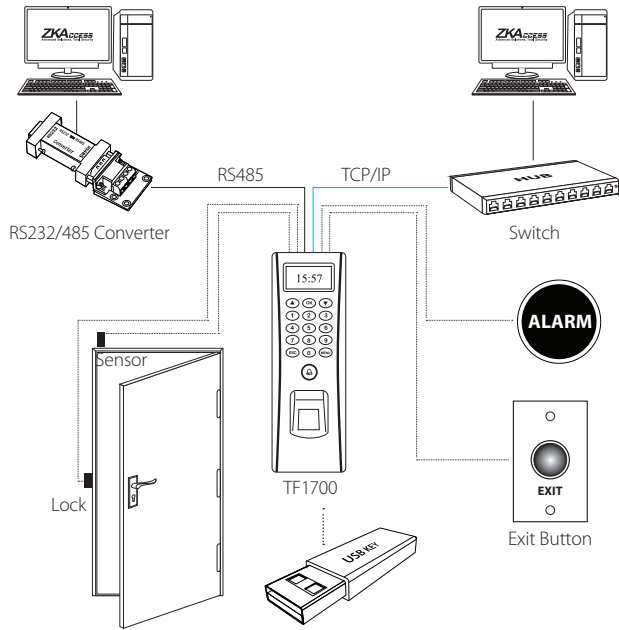
Capacity:
Can store up to 2,200 fingerprint templates, 10,000 cards and 30,000 transactions. The data can be backed up to a USB Flash Disk and can also be transferred to another reader in the absence of computer connectivity.
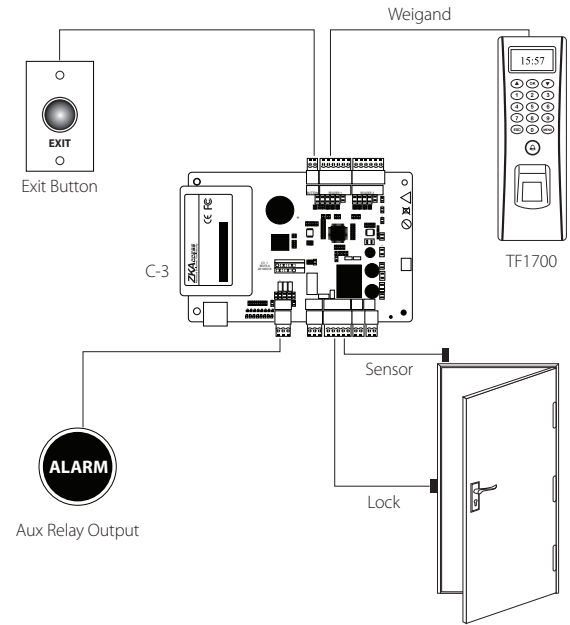
For Software Developers:
Free SDK and development tools are available for developers/partners who wish to integrate TF1700 with any application which requires verifying people.

Standalone Installation

RS232/485 Converter
RS485
TCP/IP
Switch
Sensor
Lock
TF1700
ALARM
EXIT
Exit Button
USB KEY

Installation with Access Control Panel

Weigand
Exit Button
C-3
TF1700
Sensor
ALARM
Aux Relay Output
Lock

Specifications

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

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

Display
3.5inch OLED Monochrome Display

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

Power
12V DC, 3A

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

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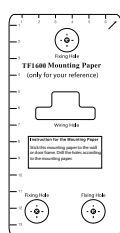Weight: 0.80lbs (0.36kg)

Part Numbers
TF1700 with Proximity card reader
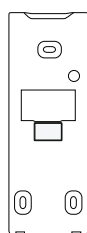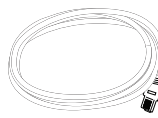TF1700-M with Mifare card reader

What's in the Box

TF1700

Installation Template

Back Plate

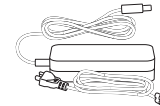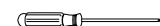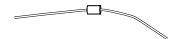Network Cable

AC Power Adapter

Cables

Screws

Screwdriver

Diode

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