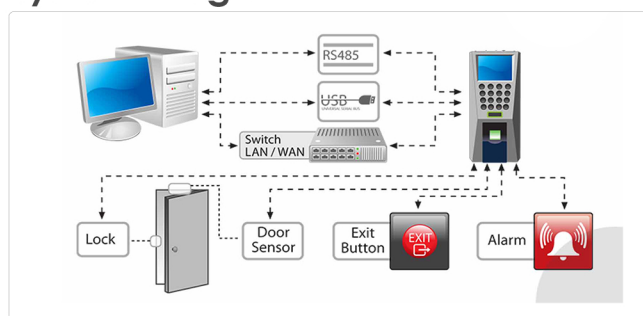




# TFP-18

## Time Attendance & Access Control Biometric Fingerprint Device

### System Diagram



### Features

#### Standard Features

- Reliable, durable & highly accurate ZK optical
- Built-in Serial and Ethernet ports sensor
- Built-in Wiegand input/output ports
- Less than 1 second user recognition
- Stores 3000 templates and 30,000 transactions
- Built-in USB port allows for manual data transfer
- Reads Fingerprint and/or Pin's and/or RFID card

#### Enhanced Features

- Audio - Visual indications for valid / invalid entries
- Supports 50 time zones, 5 groups and 10 combinations
- Tamper switch
- Integrated 125kHz RFID proximity reader

### Specifications

- |                              |   |
|------------------------------|---|
| • Fingerprint Capacity:      | 3,000 templates   |
| • Transaction Capacity:      | 30,000 transactions   |
| • RFID Card Capacity:        | 10,000 cards  |
| • Sensor:                    | Optical Sensor  |
| • Algorithm Version:         | Finger v10.0  |
| • Built-in Card Reader:      | 125kHz RFID proximity reader                                  |
| • Communication:             | RS485, TCP/IP, USB-host                                       |
| • Wiegand Ports:             | Input and Output any bits                                     |
| • Access Control interfaces: | 3rd party electric lock, door sensor, exit button, door alarm |
| • Access Control functions:  | 50 time zones, 5 access control groups, 10 combinations       |
| • Power Supply:              | 12V DC 3A   |
| • Operating Temperature:     | 0 °C - 45 °C  |
| • Operating Humidity:        | 20%-80%   |
| • Dimension:                 | 80 X 183 X 42mm   |

URL: [www.thizx-solutions.com](http://www.thizx-solutions.com)

E: [sales@thizx-solutions.com](mailto:sales@thizx-solutions.com)

#### THIZX SOLUTIONS PTE. LTD.

(Co. Reg. 201113380Z)  
Blk 808 French Road #06-151  
Kitchener Complex, Singapore  
200808.

T: +65 6341 7948  
F: +65 6341 7942

#### THIZX SOLUTIONS SDN. BHD.

(Co. Reg. 1153926-H)  
No. 59-02, Jalan Harmonium 23/12,  
Taman Desa Tebrau, 81100 Johor Bahru,  
Johor, Malaysia.

T: +607 364 6186  
F: +607 353 5012