

TF 1700

Advance Biometric Device



Introduction:

ZK Technology is a leading manufacturer of fingerprint, facial recognition and RFID based readers used for access control and time & attendance applications.

ZKTeco, a brand of ZK Technology for physical access control and security cameras, represent the most advanced and state of the art solutions for access control, visitor management, car parking, elevator control, vehicle access, and alarm linkage control, etc.

TF1700, one of the world's smallest IP-based fingerprint terminals used for access control and time attendance features. With its IP65 rated rugged structure, TF1700 offers extra durability in all weather conditions including outdoor environments. It is specially designed for standalone applications such as house, office, shop, garage, factory and others.

Features:

Rugged structure for outdoor installation and extra durability

- * IP65 rated waterproof and weatherproof structure

Slim and elegant design

- * One of the world's smallest fingerprint terminals
- * Sleek and slim design for narrow spaces

Fast and accurate fingerprint algorithm

- * 1:3000 fingerprint identification in 1 second
- * Stores 1500 fingerprint templates, 10000 cards and 30000 transactions

Easy installation and connectivity

- * USB-host
- * Wiegand input & output
- * Network interface by TCP/IP or RS485

Full access control features

- * Access control interface for 3rd party electric lock, door sensor, exit button, alarm
- * Webserver
- * Anti-passback setting

Easy operation and management

- * Work without computer
- * Graphic LCD, buzzer, 3x5 keypads and doorbell
- * Built-in keypad and RF card reader for multi-modal authentication (fingerprint/PIN/card)



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Specifications:

| | |
|-------------------------|-------------------------------------|
| CPU | 400MHz |
| Memory | 128MB flash + 32MB RAM |
| Fingerprint Sensor | 500 DPI optical sensor |
| Algorithm Version | ZK Finger 10.0&9.0 |
| Communication | TCP/IP, RS485, USB-host |
| Fingerprint Capacity | 1,500 fingerprints |
| Log Capacity | 30,000 events |
| RF Card | Mifare (13.56 MHz)/ EM(125 KHz) |
| Authentication | Finger / PIN / Card |
| Wiegand Signal | Inputs & Outputs |
| Ingress Protection Rate | IP65 |
| LCD | 128 x 64 OLED with white color |
| Keypad | 3 x 5 keypads & doorbell |
| Sound | Buzzer |
| Operating Voltage | 12VDC |
| Operating Temperature | - 20 ~50 (-5 ~ 122) |
| Size | 62.5mm x 185mm x 41.5mm (W x H x D) |



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