

F18 Fingerprint Standalone Access Control



OVERVIEW

F18 is an innovative biometric fingerprint reader for access control applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. It features the fastest commercial-based fingerprint matching algorithm and ZK high-performance, high-image quality optical fingerprint sensor. The device offers the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. All the operation can be done on the TFT-LCD. The fingerprint image will display on the screen. That will guide the user to put the finger on to proper position & increase the recognition rate.

FEATURES

- Fingerprint reader with durable and highly accurate ZK optical sensor
- 1 touch a-second user recognition
- Stores 1,500 templates, 5,000 cards and 30,000 transactions
- Reads Fingerprint and/or Card
- Optional integrated smart card reader
- Built-in Serial and Ethernet ports
- Tamper-proofs switch and alarm outputs
- Request-to-exit and alarm contacts
- Audio-Visual indications for acceptance & rejection of valid/invalid fingers

SPECIFICATIONS

Fingerprint Capacity	: 1500 templates
ID card Capacity	: 5000
Transaction Capacity	: 30,000
Sensor	: ZK Optical Sensor
Algorithm Version	: ZK Finger v10.0
Communication	: RS232/485, TCP/IP, USB-host
Access Control Interface	: for 3rd party electric lock, door sensor, exit button, alarm, Door Bell
Wiegand Signal	: Output and Input
Display	: TFT LCD Screen
Standard function	: ID card, Webserver, DLST
Optional function	: Mifare card
Power Supply	: DC12V
Operating Temperature	: 0°C ~ 55°C
Operating Humidity	: 20% ~ 80%

LAYOUT PLAN DIAGRAM

