

### Access Control Systems

ZKSoftware Inc. has released three access control products successively since May of 2005. The products are F7, F4 plus and F10. F7 and F4 plus are expert access control system which are built in replay. F10 is a fingerprint reader without replay built in, so an extra controller is needed. F10 is specially applied in the high security places like bank, warehouse etc.

#### F7 Fingerprint Access Control System

##### Application

Site Security and Access Control.

##### Features

Audible indicators allows for real-time operation

Optical-based technology, ZK sensor

Support 50 time zones, 5 grouping, 10 groups

LCD with 80 characters and blue backlit keypad

Dismantlement alarm, break-in alarm

Built-in relay

Use of stand-alone mode or working in conjunction with Ethernet, RS485 and RS232

Multilanguage optional: Simplified Chinese, Traditional Chinese, Spain, Portuguese, Turkish, French, German, Arabia, Farsi, Japanese, Indonesian, Malay and Thai etc.

With check in/out function

Centralized enrollment and real-time monitor available with ZK access control software.



##### Technical Specifications

Verification Method: Fingerprint, ID+ password, Fingerprint/ (ID+ password)

Verification Mode: 1:1 (500/1500 templates), 1: N (Less than 500 /1500 templates)

Verification time: Less than 2.0 sec

False Rejection Rate(FRR): Less than 1%

False Acceptance Rate(FAR): Less than 0.0001%

Capacity: 500 templates/1500 templates

Power supply: DC12 V stay current: 50MA work current: 400MA

Relay output: 12V, 3A

Communication: RS-232/485, TCP/IP Weigand 26 bits output

Communication Speed: 115200/38400/19200/9600 BPS ; TCP/IP: 10MB/AUTO

Log Data: 30000/100000 events

Size: 82\*55\*180 mm

Display: 122 X 32 dots LCD, 2LED