

ITM – FS80

Fingerprint Biometric Access Control with Card and PIN Support



ITM-F1EM is an innovative fingerprint biometric access control system, designed to satisfy various demands of different occasions, the model is based on ZK-T4 software. Besides general integrated TA & AC function, F1EM supports independent time attendance function and independent access control function, making it unique in the market. It benefits users by simplicity and efficiency: set professional time attendance and access control parameters in device directly; check details verification records and attendance reports in device or export in Excel by U-Disk flash

Product Characteristics

- Various data transmission methods, such as RS485, TCP/IP, USB
- Users In/Out records can be checked directly in device or downloaded in Excel by U-disk flash.
- Support Fingerprints, card and passcode
- Build in backup battery can avoid data loss if sudden power off occurs.
- Embedded 24 bells can remind you in specific time, such as on-duty and off-duty time
- 3 kinds of administrators with different level, Super-Admin, Enroll-Admin, Record-Admin

BIOMETRIC ACCESS CONTROL



- Large storage capacity with 3000 fingerprints and 80,000 transaction records
- 6 function keys for different attendance status, including In, Out, Egress, Return, Overtime, Overtime-Off
- Door State Check function can give warning for you if the door is open, which effectively avoid potential safety hazard
- Passage mode for conferences or business purposes
- Designed for Banks, Office, Governmental Organization,

Item	FS80
Hardware Platform	Double Core Low-power Platform ARM9
Algorithm Version	High-speed ZK Finger VX8.0
Recognition Rate	4000-5000 fingerprints per second
Fingerprint Capacity	3000
Card Capacity	5000
Identification Rate	≤0.7 seconds
Transaction Records	80,000
FRR	≤ 0.1%
FAR	≤ 0.0001%
Admin Record Capacity	1,000
Verification Method	FP, PWD, Card
Verify Mode	1:1, 1:N (N≤3000)
Sensor	Optical Sensor with high sensibility
Keypad Total	16 buttons (6 Function Keys and 1 Access Key)
Indicator Light	Power and State Indication
Communication	TCP/IP, RS485, USB
Language SCH, TCH	English and other international languages
Access Control	Multiple Unlock Periods, Unlock Combinations
Dismantle Proof Alarm	Support
Duress Alarm	Support
Door State Check	Support
Fire Alarm Input & Output	Support
External Bell	Support
Build-in Bell	Support
Auto On/Off	Support
Voice Personalization	Support
Record Inquiry	Support
RFID/MIFARE Card Reader	Support
Backup Battery	Support
Network	10/100Mbps
Warranty	1 Year
Separated TA & Separated AC	Support
USB Transmission	Transmission Download or upload data with high speed

BIOMETRIC ACCESS CONTROL



Operating environment Humidity	RH 20-80%
Temperature	0-45 degree
Dimension	190*128*50.5(mm)
NORMS	RoHS, CE, ISO 9001
Environment	IP68

