



Dual SensorTM

The first Embedded facial recognition system in the world

Upgraded

F810



Facial Access Control and Time Attendance

Sport
Consulting

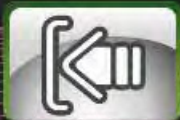
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Features:



Embedded facial recognition system

- Adopt US advanced DSP technology keeps processing and matching right on the device
- Standalone application as Time attendance, Access control, Identity management



Accurate and Fast Identification

- Industrial Leading "Dual Sensor" Facial Recognition Algorithm, FAR<0.001%, FRR<1%
- 1:Many up to 1200 users less than 1 second



Multi Authentication

- System can work with Face, ID+Face, Card+Face, Card, Card+Photo



Large user and log capacity

- User capacity up to 1200
- Over 150,000 logs and security image 70,000



User friendly design

- 3.5 inch color screen for face positioning
- Contactless authentication for the ultimate in hygienic
- Voice prompt



Reliable performance under different environments

- Different source-light Technology
- The system can work in different light condition even in the dark
- Over 2 years market testing



Flexible interfaces and Data Management

- Standard TCP/IP and USB Host
- Two relay output configurable for contacting lock, alarm, external bell
- Wiegand output makes system compatible with different access control panel
- User self-inquiry, Date Auto-uploading to defined server



High Usability and Security

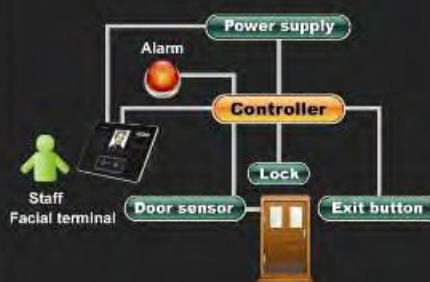
- Failure to enroll and acquire rate is less than 0.0001%, everyone can use this technology
- Incident trackable for security with color photo
- Various alarm enhance security level
- More data points matched than fingerprint enable more accurate

System Configuration:

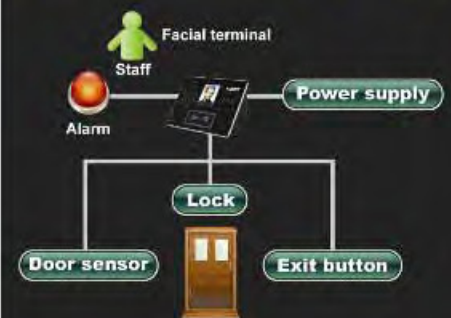
Standalone or LAN System



Secure access control system



Standalone access control system





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Technical Specification

	F810
Processor	TI DM CPU 600MHz
User Capacity	1200 Face Users 5000 Card Users on 1:N Matching
Record Capacity	150,000 Records
Recognition Algorithm	Dual Sensor™ V3.0
Sensor	Specialized dual sensor
Card Recognition	Standard EM, Optional Mifare or HID
Authentication Method	Face, ID+Face, Card+Face, Card, Card+Photo
Authentication Speed	Less than 1 Second (1200 Users) on 1:N Matching
Communication Method	Standard TCP/IP USB Host Optional RS232 for printer communication
Attendance features	Scheduled bell, Workcode, Daylight saving
Date Management	User-inquiry, Auto-uploading
Security Image Capacity	2GB SD Card 70,000 Images
Security Alarm	Tamper Alarm, Door Sensor Alarm, Rejection Alarm
Access Control features	Built-in relay contact door lock, door sensor, exit button
Wiegand in&out	User-defined format output, optional input
Keyboard	5*4 Touch Keypad
LCD	3.5 inch TFT Color Screen, 65,000 Bright Color, 320*240 Resolution
Power	12V DC
Working Distance	30cm-80cm
Working Temperature	0℃ — 40℃
Working Humidity	20% - 80%
Size	230*105*130mm
Weight	600g
Certification	CE FCC Class A ROHS

