



Dual Sensor™

The first Embedded facial recognition system in the world



The most sophisticated facial recognition solution



- > Accurate
- > Standalone
- > User Friendly
- > Reliable performance
- > Multi-factor Authentication
- > Trackable
- > Contactless

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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, User identification



Accurate and Fast Identification

- Industrial Leading "Dual Sensor" Facial Recognition Algorithm, FAR<0.0001%
- 1:Many up to 1400 users less than 1 second



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 one year Chinese market testing



High Usability and Security

- Failure to enroll and acquire rate is less than 0.0001%
- Incident trackable for security with photo



Large user and log capacity

- User capacity from 500 to 1400
- Over 150,000 logs and optional image capacity over 70,000



Flexible I/O interfaces

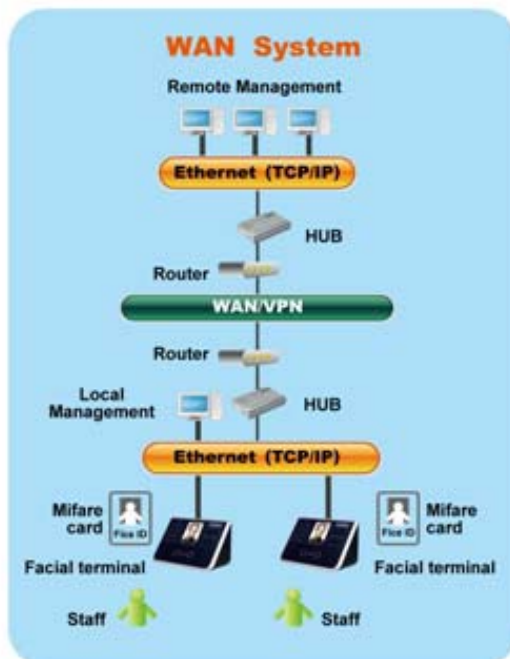
- Internet Protocol based enables LAN or Network deployment
- USB Host for User data upload or download via USB flash driver
- Wiegand output makes system compatible with different access control panel



Other Functionalities

- Multi authentication methods that able to work with Facial, RFID Cards, Cards+Facial
- Low power consumption, 12Watts in operation, less than 5Watts in resting mode

System Configuration:





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Technical Specification

	F710
Processor	TI DM CPU 600MHz
User Capacity	500 Users
Record Capacity	150,000 Records
Recognition Algorithm	Dual Sensor TM V2.0
Sensor	Specialized double sensor
Verification Method	Facial Recognition
Verification Speed	Less than 1 Second (500 Users)
Keyboard	4*4 Touch Keypad
LCD	3.5 inch TFT Color Screen 65,000 Bright Color 320*240 Resolution
Communication Method	Standard TCP/IP USB Host
Power	12V DC, Working Current 500mA
Environment Light	0-5000Lux
Working Distance	30-80cm
Working Temperature	0°C—40°C
Working Humidity	20% - 80%
Size	200* 95* 115 mm
Weight	505g
Installation Method	Wall Mounting
Security Image Capacity	4GB SD Card, 70,000 images
Card Recognition	EM or Mifare card
Security Alarm	Tamper Alarm
Output for Access	Standard Wiegand 26/34 output, Built-in-relay
Control System	
Certification	CE FCC Class A ROHS

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