



## Facial Access Control and Time Attendance

**Hanvon®**  
digital art • digital life

- > Accurate
- > Standalone
- > User Friendly
- > Reliable performance
- > Multi-factor Authentication
- > Contactless
- > High Usability
- > High Security

# The first Embedded facial recognition system in the world

## 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<0.0001%
- 1:Many up to 500 users less than 1 second



### Multi Authentication

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



### Large user and log capacity

- User capacity from 500 to 1400
- 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
- Built in relay contact door lock
- Wiegand output makes system compatible with different access control panel
- User self-inquiry, Date Auto-uploading to defined server

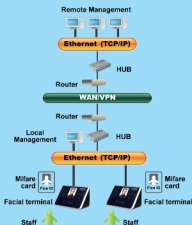


### High Usability and Security

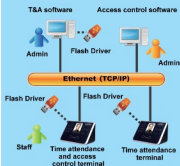
- Failure to enroll and acquire rate is less than 0.0001%
- Incident trackable for security with photo

## System Configuration:

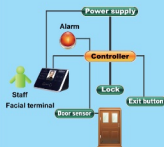
### WAN System



### Standalone or LAN System



### Access control system





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Dual Sensor™

## Technical Specification

	F710
<b>Processor</b>	TI DM CPU 600MHz
<b>User Capacity</b>	500 Users 1:N Matching
<b>Record Capacity</b>	150,000 Records
<b>Recognition Algorithm</b>	Dual Sensor™ V3.0
<b>Sensor</b>	Specialized double sensor
<b>Card Recognition</b>	Standard EM,Optional Mifare
<b>Authentication Method</b>	Face,Pin+Face,Card+Face,Card,Card+Photo
<b>Authentication Speed</b>	Less than 1 Second (500 Users) on 1:N Matching
<b>Communication Method</b>	Standard TCP/IP USB Host
<b>Attendance features</b>	Wordcode、Daylight saving
<b>Date Management</b>	User-inquiry、Auto-uploading
<b>Security Image Capacity</b>	4GB SD Card 70,000 Images
<b>Security Alarm</b>	Tamper Alarm
<b>Interface for Access Control</b>	Built-in relay contact door lock
<b>Wiegand in&amp;out</b>	User-defined format output 26/34
<b>Keyboard</b>	4*4 Touch Keypad
<b>LCD</b>	3.5 inch TFT Color Screen, 65,000 Bright Color, 320*240 Resolution
<b>Power</b>	12V DC
<b>Working Distance</b>	30cm-80cm
<b>Working Temperature</b>	0℃—40℃
<b>Working Humidity</b>	20% - 80%
<b>Size</b>	200*95*115mm
<b>Weight</b>	505g



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