

The first Embedded facial recognition system in the world



# CM i F20



The most sophisticated facial recognition solution



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



# The first Embedded facial recognition system in the world



## CM i F20

### 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 500 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 20 months 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

- 500 user for 1:N
- Over 150,000 logs



#### Flexible I/O interfaces

- Internet Protocol based enables LAN or Network deployment
- USB Host for User data upload or download via USB flash driver



#### Multi Authentication

- System can work with Face, Pin+Face.

### Technical Specification

	CMF 605
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	Face,Pin+Face
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 500 mA
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	
Card Recognition	
Security Alarm	
Output for Access Control System	
Certification	CE FCC Class A ROHS

### System Configuration:

