Face Recognition System

Models: F710

Models: FK605

FACE ID
—— The most sophisticated facial recognition solution

Face ID is industry first embedded facial recognition system with leading "Dual Sensor" Facial Recognition Algorithm, FAR<0.01% which makes facial recognition more faster and accurate, different source-light within Infrared-light based technology enable the system works well under different environment for access control and time attendance

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<0.01%
- 1:Many up to 1400 users less than 1 second

Large user and log capacity:

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

Reliable performance under different environments

- Different source-light within Infrared-light based Technology
- The system can work in different light condition even in the dark

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

User friendly design:

- 3.5 inch color screen for face positioning
- contactless authentication for the ultimate in hygienic
- voice prompt

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

Technical specification

	FK605	F710
Processor	TI DM 6446 CPU 594MHz	TI DM 6446 CPU 594MHz
User Capacity	500 Users	500 Users
Record Capacity	150,000 Records	200,000 Access Control Records
Recognition Algorithm	Dual Sensor TM V2.0	Dual Sensor TM V2.0
Sensor	Specialized double sensor	Specialized double sensor
Verification Method	Facial Recognition	Facial Recognition, Card & Facial Recognition
Verification Speed	Less than 1 Second（500 Users）	Less than 1 Second（500 Users）
Keyboard	4*4 Touch Keypad	4*4 Touch Keypad
LCD	3.5 inch TFT Color Screen，65,000 Bright Color，320*240 Resolution	3.5 inch TFT Color Screen，65,000 Bright Color，320*240 Resolution
Communication Method	Standard TCP/IP、USB Host	Standard TCP/IP、USB Host

Power	12V DC, Working Current 500mA	12V DC, Working Current 500 mA
Environment Light	0-5000Lux	0-5000Lux
Working Distance	30-80cm	30-80cm
Working Temperature	0℃－40℃	0℃－40℃
Working Humidity	20% - 80%	20% - 80%
Size	200* 95* 115 mm	200* 95* 115 mm
Weight	505g	505g
Installation Method	Wall Mounting	Wall Mounting
Security Image Capacity	-	1GB SD Card, 70,000 images
Card Recognition	-	EM or Mifare card
Security Alarm	-	Tamper Alarm
Output for Access Control System	-	Standard Wiegand 26/34 output、 Built-in relay contact lock、 exit button、 bell、 alarm
Certification	CE FCC Class A ROHS	