



## F710S

### Ultimate Solution for Time & Attendance System

Human resource management is the key point of any enterprise for cost saving & also to enhance the efficiency and regulation. The exact requirements for attendance data collection may be as follows :

1. Identification should be hygienic & Contactless, having no affect from viruses around, on human life
2. Records should be authentic, which means no unauthorized employees attendance records & no buddy punching
3. Identification should be automatic, fast and convenient, for the efficiency of data collection in large employee strength scenario.
4. Data collection should be secured, with no chance of loss and forgery
5. Environment friendly for Green life

Face recognition is the ultimate solution, for meeting all the requirements. F710S, is embedded face recognition system with leading "Dual Sensor" Facial Recognition Algorithm, designed for application like physical Access control, Time attendance & identity management. It is a stand-alone, wall - mounted device with a Face scanner to enroll users, store their Face template record , keep Attendance transaction logs, and interface with computers.

### Features :

#### Embedded facial recognition system

- Adopts 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 upto 1000 users approx 1 second

- Contact less Usage
- Captured Image as Transaction
- Fast & Accurate

#### Large user and Log capacity

- User capacity : Face up to 1000 for 1:N matching
- Over 150,000 logs and security image

#### User friendly design

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

#### Flexible interfaces and Data Management

- Standard TCP/IP and USB Host
- Built in relay
- Wiegand output makes system compatible with different access control panel
- User self-inquiry, Date Auto-uploading to defined server

#### Reliable performance under different enviroments

- Different source - light Technology
- The system can work in different light condition even in the Low light condition

#### Other Functionalities

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

#### 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 photo
- More data points matched than fingerprint enable more accurate

# F710S

## Technical Specification

Processor	TI DM CPU 600MHz
User Capacity (Face)	1000 Users 1:N Matching, 10,000 Users 1:1 Matching
User Capacity (Card)	10,000 Card Users 1:N Matching
Record Capacity	150,000 Records
Recognition Algorithm	Dual Sensor™ V3.0
Sensor	Specialized double sensor
Card Recognition	Standard EM, Optional Mifare
Authentication Method	Face, ID+Face, Card+Face, Card, Card+Photo, Card or Face
Authentication Speed	Approx 1 Second (1000 Users) on 1:N Matching
Communication Method	Standard TCP/IP, USB Host
Light Condition	0-10000 LUX
Attendance	Workcode, Daylight saving
Date Management	User-inquiry, Auto-uploading
Security Image Capacity	2GB SD Card 70,000 Images
Security Alarm	Tamper Alarm
Access Control	Built-in relay
Wiegand in&out	User-defined format output 26/34
Keyboard	4*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	0C- 40C
Working Humidity	20% - 80%
Size	200*95*115mm
Weight	505g
Certification	CE FCC Class A ROHS
Relay output	One output for lock control/second output configurable for external bell/alarm
Security	Color security photo/false rejection

### Software :

- **Compro Facia** : Terminal & Template Management Software
- **TPP++** : MIS Time Office, Leave, Shift Management Software (MS Access)
- **TimePro Enterprise** : Multi-User, MIS Time Office, Leave, Shift Management Software (MS SQL)
- **Swayam Seva** : Web based Self service portal with Text & Graphic Reporting & scheduled Email notification

\* Specifications are subject to change without notice.

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### System Configuration :

