

X-FACIA

Embedded Facial Recognition System



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 with virus like SARS and H1N1 around should have no affect on human life
2. Records should be authentic, which means no unauthorized employees attendance records & no buddy punching
3. Identification should be automatic, which enhances the efficiency of data collection
4. Data collection should be natural, with no chance of loss and forgery
5. Processing of collected data should be fast and convenient, especially required for enterprise with large employee strength
6. Environment friendly for green life

Facial recognition is the ultimate solution, for meeting all the requirements. X-Facia, is embedded facial 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 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 and Award winning 'Dual Sensor' Facial Recognition Algorithm FAR<0.00011%
- 1 : Many upto 1400 users in less than 1 second

99.99%

Large user and Log capacity

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

Reliable performance under different environments

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

Flexible I/O interface

- Internet protocol 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 panels

User friendly design

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

Other Functionalities

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

X-tras

The first Embedded facial recognition system in India

Technical Specification

Processor	TI DM CPU 600Mhz
User Capacity	500 Users, Upgradable to 1400 Users
Record Capacity	150,000 Records
Recognition Algorithm	Dual Sensor TM V3.0
Sensor	Specialized double sensor
Verification Method	Card + Face / Face Only
Verification Speed	Less than 1 Second (500 Users)
Keyboard	4*4 Touch Keypad
LCD	3.5 inch TFT Color Screen 65000 Bright Color 320*240 Resolution
Communication	Standard TCP/IP
Data Transfer	USB Host
Power	12V DC ; Working Current 500mA
Environment Light	0-5000 Lux
Working Distance	30-80 cm
Working Temperature	0°C - 50°C
Working Humidity	10% - 90% RH
Dimensions	200* 95* 115 mm
Weight	505g
Installation Method	Wall Mounting
Security Image Capacity	1 GB SD Card, 70,000 Images
Card Recognition	EM RF ID(125 KHz) or MIFARE Card
Security Alarm	Temper Alarm : Yes
Access Control Panel O/p	Standard Wiegand 26/34 bit output
Lock Output	Built-in Relay contact for Lock
Certification	CE FCC Class A, ROHS , ISO 9001:2000

* Specifications are subject to change without notice.

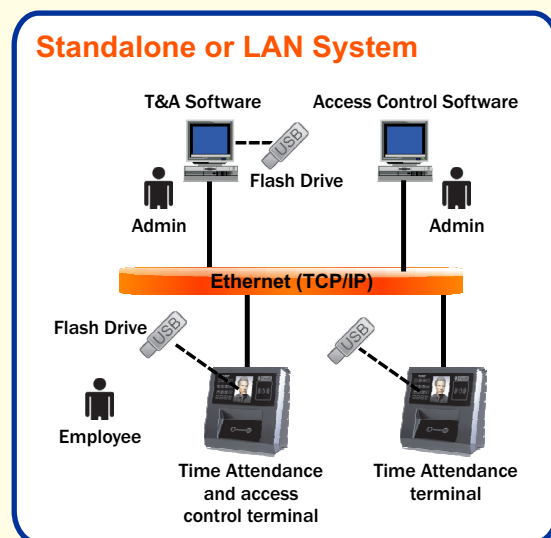
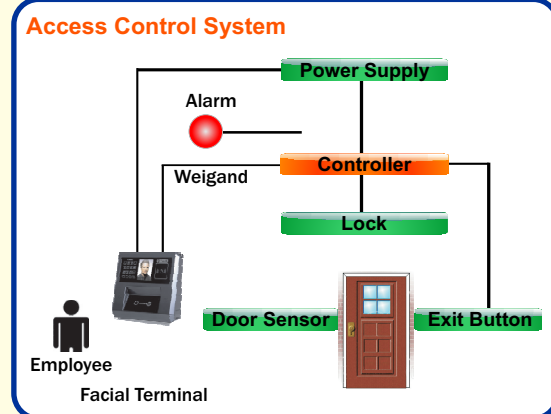
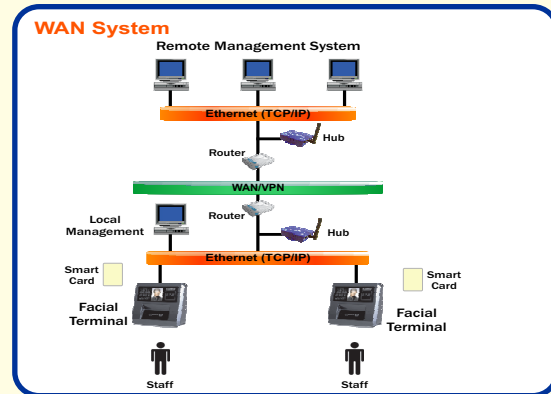
Ordering Information

X- Facia	Embedded Facial Recognition System
Compro 2000	Configuration & Data Downloading Software
MIS Time Pro Professional	Time & Attendance Management Software for Office
MIS Time Pro Enterprise	Time & Attendance Management Software for Factory
eTime Pro	Web Based Attendance Software for Large Enterprise
Access Lock	(a) Strike (b) EM Lock (c) Turnstile (d) Drop bolt
Request-to-Exit Switch	Exit Push Switch for Exit
Cable	(a) CAT 6 (b) Lock Cable (c) Reader Cable
ID Cards	Proximity Card

About Us

Fortuna, a new generation Indian Company integrates the latest technologies in Time & Attendance (T & A), Access Control, Smart Card & SIM/GPRS/GPS technologies into the Indian context aiming to excite the users with innovative and feature rich products. By listening closely to the real need of the Indian customer, we provide hardware and services exceeding the expectations of our clients. Having an all India base, Fortuna has invested in mass manufacturing facilities to provide quality alongwith cost effectiveness . The company with their engineering background, in house R&D and Software Development team are capable of executing large projects.

System Configuration :



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