# EasyWay biometrics

# faceAXS V2
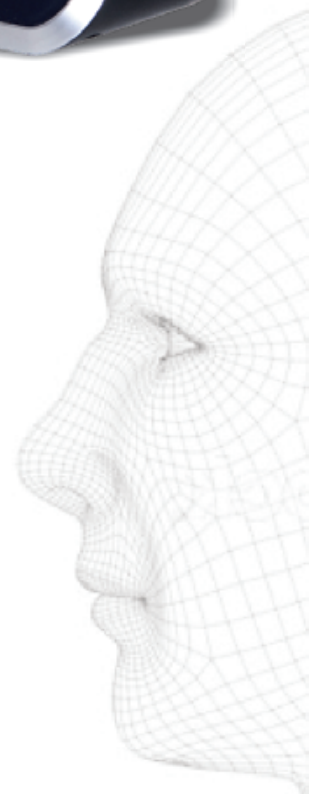
## EMBEDDED FACIAL RECOGNITION SYSTEM

faceAXS is industry first embedded facial recognition system with leading "Dual Sensor" Facial Recognition Algorithm, which makes facial recognition more faster and accurate, different source-light within Infrared-light based technology enable the system works well under different environment.

faceAXS is designed for applications like physical access control and time attendance, identity management and so on. Its classic slope design is good for commercial market like Enterprise, Bank, building automation and so on.
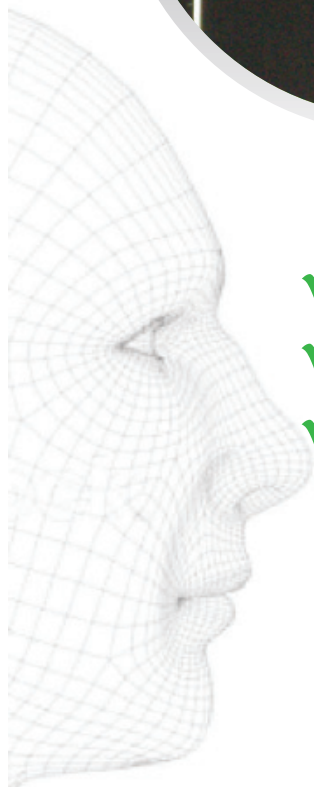
## Advantages

- Core Technology Algorithm:
  - ✓ Fast Enrollment - 10 seconds to enroll one user
  - ✓ Fast identification - 1 second to identify on 1:N for 1,000 users
  - ✓ Large capacity - 1,000 users / 150,000 records
  - ✓ FAR < 0.0001%
  - ✓ Reliable performance under different environment even in the dark
- Stability of hardware
- faceAXS has got Patent for Inclined Image Capture Device and Facial Recognition System
- Contactless enrollment and verification makes the hygienic user experience
- No extra cost to pay for badge or paper card
- Incident trackable: facial technology can capture picture for tracking after identification

CE  FC  RoHS COMPLIANT

# faceAXS

**EMBEDDED FACIAL RECOGNITION SYSTEM**

## Advanced Technology



**Touch keypad**

**Dual infrared sensor**

**Card reader**

**Ethernet Communication**

✓ **CONTACTLESS**
✓ **HIGH USABILITY**
✓ **TRACKABLE**

## Best choice for
## T&A and ACCESS CONTROL management

**faceAXS**

EMBEDDED FACIAL RECOGNITION SYSTEM

# Features

### EMBEDDED FACIAL RECOGNITION SYSTEM

- High speed digital processor keeps processing and matching right on the device
- Standalone application as Time attendance, Access control, User identification

### USER FRIENDLY DESIGN

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

### HIGH USABILITY AND SECURITY

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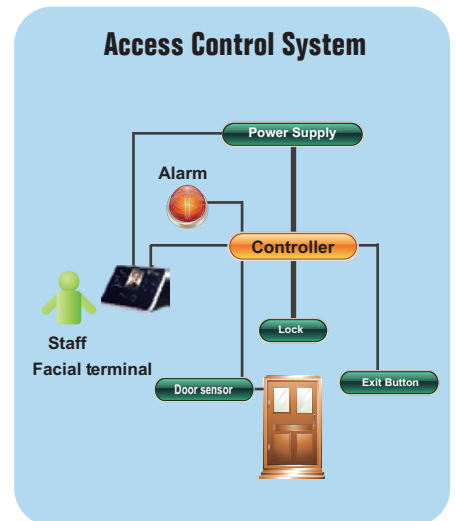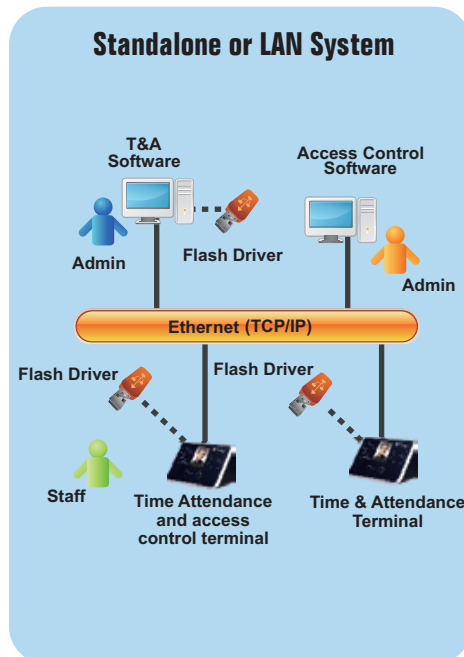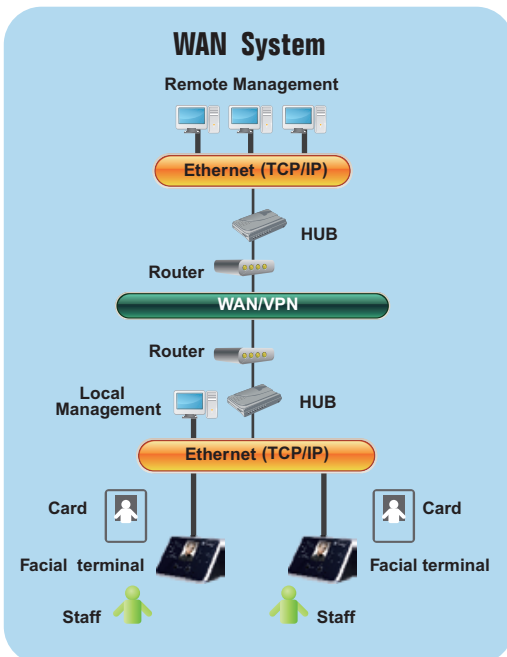- Incident trackable for security with photo

### FLEXIBLE I/O INTERFACES

- Standard TCP/IP and USB host
- Built in relay
- Wiegand output makes system compatible with different access control panel

### ACCURATE AND FAST IDENTIFICATION

99.999%

- Industrial Leading "Dual Sensor" Facial Recognition Algorithm, FAR < 0.0001%, FRR < 1%
- 1:Many up to 1,000 users less than 1 second

### RELIABLE PERFORMANCE UNDER DIFFERENT ENVIRONMENTS

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

### LARGE USER AND LOG CAPACITY

- 1,000 face users
- Over 150,000 logs and optional image capacity over 70,000

### MULTI AUTHENTICATION

- System can work with Face, ID + PIN, Card + Face, Card or Face, Card

# System Configuration

## WAN System

Remote Management

Ethernet (TCP/IP)

HUB

Router

WAN/VPN

Router

Local Management — HUB

Ethernet (TCP/IP)

Card — Facial terminal — Card — Facial terminal

Staff — Staff

## Standalone or LAN System

T&A Software

Access Control Software

Admin — Flash Driver

Admin

Ethernet (TCP/IP)

Flash Driver — Flash Driver

Staff — Time Attendance and access control terminal — Time & Attendance Terminal

## Access Control System

Power Supply

Alarm

Controller

Lock

Staff Facial terminal

Door sensor — Exit Button

**EasyWay biometrics**

** It is not recommendable to install the device in places with direct light from de sun u other type of light source.

**faceAXS**

**EMBEDDED FACIAL RECOGNITION SYSTEM**

| | |
|---|---|
| Processor | High speed digital processor |
| User Capacity | 1,000 face users |
| Record Capacity | 150,000 Records |
| Recognition Algorithm | Dual Sensor™ V3.0 |
| Sensor | Specialized double sensor |
| Verification Method | Face, ID + PIN, Card, Card+Face, Card or Face |
| Verification Spedd | Less than 1 second (1,000 Users) |
| Keyboard | 4*4 Touch Keypad |
| LCD | 3.5 inch TFT Color Screen<br>65,000 Bright color<br>320*240 Resolution |
| Language | Spanish |
| Communication Method | Standard TCP/IP<br>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 |
| Attendance Features | Scheduled Bell, Daylight Saving |
| Card Recognition | 125 kHz |
| Security Alarm | Tamper alarm |
| Output for Access Control System | Standard Wiegand 26/34 output, built-in relay |
| Certification | CE, FCC Class A, RoHS |

## About EasyWay Biometrics

EasyWay Biometrics is the new brand of innovative fingerprint solutions for Time & Attendance and Access Control needs. Every EasyWay terminal has been designed with international quality standards, combining fashionable design with outstanding performance

EasyWay uses the latest technology to create products that provide a functional solution for customers who need low cost T&A and Access Control solutions.

FCAXS-140206I

Rev.5

www.easywaybiometrics.com

info@easywaybiometrics.com

Subject to changes without notice.