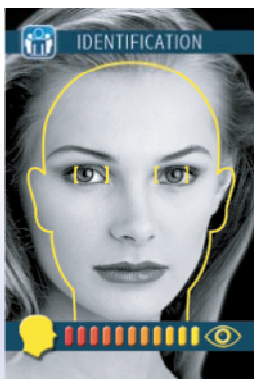


IR-based Embedded Facial Recognition System

FaceSCAN®, the new generation of facial recognition system, authenticates users under a second with 99.9% accuracy*



CONVENIENCE

user just look into FaceSCAN for authentication

CONTACTLESS

no physical contact is required

EASY TO USE

quick user enrollment and simple user training

COMPATIBILITY

easy integration with card reader and security system

USABILITY

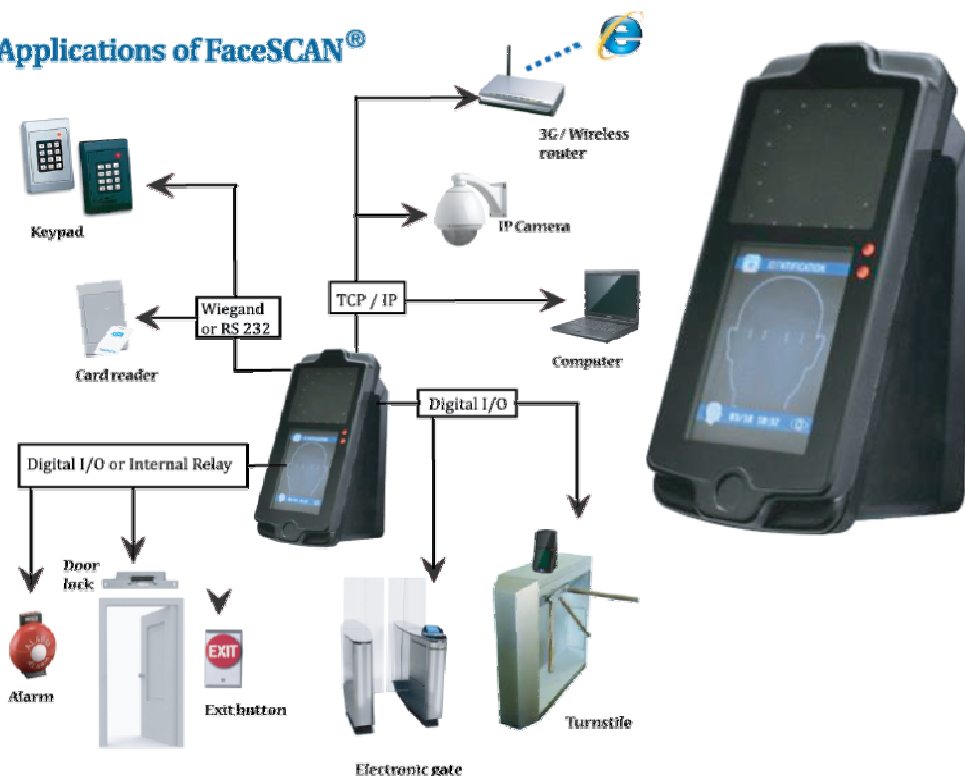
accommodate different facial positions and poor lighting conditions



– leading facial recognition solutions provider

FaceSCAN® is a truly embedded facial recognition system designed for Access Control, Time & Attendance, and User Authentication applications. Powered by advanced video capturing, system design and Near-Infrared (NIR) facial recognition technologies, FaceSCAN provides superior accuracy and reliability over traditional facial recognition systems under different light conditions.

Applications of FaceSCAN®



Superior Accuracy and High Throughput

- 99.9% accuracy* (* at default threshold)
- Authenticate users in < 1 second
- Differentiate between identical twins

Self-Contained System

- Embedded platform with built-in processor and memory
- No external computer/controller is needed for operation
- Low failure rate and Total Cost of Ownership

Easy Installation

- IP-based, less cables and components to install
- Interface directly to existing card reader, access panel, electric gate, turnstile and other devices

Compatibility

- Work with cards, PINs and access controller
- Support different communication protocols (TCP/IP, standard & proprietary Wiegand, RS-232 and more)

Easy-to-Use

- Completely contactless, no need to press any keys
- On-screen graphical display to assist user positioning
- Support remote controller to simplify standalone mode operation

Ready for Demanding Requirements

- Store up to 64,000 user facial templates internally
- Handle high volume authentication transactions
- Work up to 10,000 Luxs light condition

FaceSCAN® System Applications

Time & Attendance, Access Control and User Authentication
Sample Installation Sites:

- Airport
- Bank
- Business cooperation
- Construction site
- Factory
- Government building
- Gym
- Lab
- Prison
- Residential apartment
- School
- Warehouse

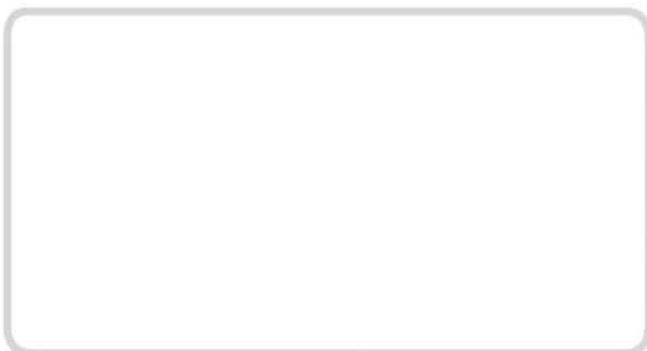
FaceSCAN® System Performance Specifications

Technology	NIR Facial Recognition Technology
User Enrollment Time	< 10 seconds
User Verification Time	< 1 second
False Acceptance Rate	< 0.001% at default threshold
False Rejection Rate	< 0.5% at default threshold
User Post Tolerance	15 degrees for Tilt, Yaw and Roll
Verification Methods	Card/PIN & Facial, Card/PIN & Photo
Operation Modes	Standalone, Network, Internet/ WIFI
SDK	Software Development Kit available



JPB-015 Remote
for Standalone Programming




FaceSCAN® System Reseller



Other Features

- Function even in dimmed condition or complete darkness
- Support users with glasses
- Not affected by background distortion
- High tolerance to changes in hairstyle, scars, beard & make up

FaceSCAN® System Specifications

Dimension	3.2" (W) x 3.5" (D) x 6.9" (H) 84 (W) x 88 (D) x 174 (H) mm
Weight	500g
Power Supply	12VDC, 1Amp
Tamper Alarm	Built - in tamper switch
Network	1 x RJ-45
Digital I/O	2 Input (door sensor, exit switch), 2 Output (relay, alarm)
Wiegand Interface	1 x Input , 1 x Output
Serial Interface	RS 232, RS 485
Network Protocol	TCP/ IP, DHCP, HTTP, NTP, HTTPS
Communication Protocol	Wiegand 26/34 bit, Proprietary Wiegand (e.g. 37 bit)
Operating Temperature	32 to 122 degree F 0 to 50 degree C
Operating Humidity	20 - 95 % relative humidity
Regulatory Compliance	  

Optional:



FPR-200K Prox Reader/ Keypad



JPB-71 Contactless Exit Button
Read Range: Up to 5" from hand
(Up to 30ft from JPB-015 Remote)