

ENTERPRISE

Biometric Face Recognition Access Control System

Smart AI-powered facial recognition system designed for secure, touchless access control and attendance management in modern enterprises.



Biometric Face Recognition Access Control System Title

New

Official Brochure

SOLUTION SNAPSHOT

RECOGNITION ACCURACY 99%	ACCESS METHOD Touchless Face Recognition	LOW LIGHT SUPPORT Infrared Night Vision
SECURITY Anti-Spoofing Protection	INTEGRATION Access Control & HR Systems	

Built for Real Operations

The Biometric Face Recognition Access Control System by Nirikkhon is a smart way to manage who enters your building. It uses AI technology to identify people by their faces in real-time. You no longer need physical ID cards or keys. This touchless system makes entry fast, clean, and very secure. It is perfect for modern offices, factories, and high-security areas that need a reliable way to track attendance and safety.

CAPABILITIES

Key Features & Product Modules

Face Recognition Terminal

The main device featuring an HD camera and AI engine to instantly scan and identify faces.

Electric / Magnetic Lock (EM Lock)

A strong electronic locking system that secures the door until a registered face is verified.

Smart Door Sensor

Monitors the door status and triggers alerts if the door is forced open or left open too long.

Management Software & Dashboard

User-friendly software for managing users, attendance logs, and security reports.

Access Controller

The central control unit that verifies user identity and unlocks the door automatically.

Exit Button / Push Button

Provides a safe and simple way for users to exit without facial verification.

Power Supply Unit (PSU)

Supplies stable power to the system with integrated battery backup during outages.

Optional Security Accessories

Supports additional security tools like turnstiles, speed gates, and temperature scanners.

Where This Product Fits



No-Touch Access

Improves hygiene and moves people through doors faster with seamless touchless verification.



Instant Identification

Makes security much tighter by stopping unauthorized entry in real time.



Live Movement Tracking

Provides clear logs of who is inside the premises for safety audits and attendance monitoring.



Watchlist Matching

Helps detect suspicious people or criminals instantly using AI watchlist matching.



Unified Security

Connects all your security tools into one centralized security ecosystem.



Reduced Security Costs

Saves operational cost by reducing the dependency on manual security guards.

OPERATIONAL VALUE

Software, Benefits & Outcomes

Centralized Device Management Dashboard

Monitor and control all active attendance terminals from one unified dashboard.

- Real-time device health monitoring
- Over-the-air (OTA) firmware updates

Access Control Integration System

Integrates directly with door locks, turnstiles, and existing security systems.

- Wiegand protocol support
- Anti-passback functionality

Automated Reporting Module

Automatically generates detailed attendance logs and performance metrics.

- Scheduled daily and weekly reports
- HR system integration support

Technical Details

Recognition Accuracy	99%
Access Method	Touchless Face Recognition
Low Light Support	Infrared Night Vision
Security	Anti-Spoofing Protection
Integration	Access Control & HR Systems
Attendance Logs	Real-Time Tracking
Watchlist Detection	Supported
Power Backup	Built-in Battery Backup
Management	Centralized Dashboard
Scalability	Thousands of Users

"Accuracy exceeded 99.7% during our 90-day highway pilot — even in heavy rain and at night. Integration with our tolling back-end was seamless."

Tariq Al-Rashid

Head of ITS, National Highway Authority

RESOURCES

Media & Questions

Q. Can someone use my photo to trick the system?

A. No. The system uses anti-spoofing technology and infrared cameras to detect real, live faces only.

Q. What happens during a power outage?

A. The system includes a power supply unit with battery backup to ensure uninterrupted security operation.

Q. Does it work with masks or in darkness?

A. Yes. The system recognizes faces even with masks and works perfectly in low-light or complete darkness.

Q. How many users can be registered?

A. The platform supports thousands of user profiles and attendance records for organizations of any size.

Ready to deploy Biometric Face Recognition Access Control System Title?

Talk to Nirikhon for product consultation, installation planning, integration support, and enterprise deployment.

Hotline: 01712345678 | Website: www.nirikhon.com