



# AI-POWERED BIOMETRIC & IOT SOLUTIONS

SMART DEVICES. ONE UNIFIED CLOUD.



CLOUD



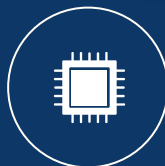
AI



GPS



NFC



RFID



UHF



TRIPOD  
GATE

# About NIALABS:

Enterprise-Grade Biometric Solutions Built for the Cloud Era

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AI-powered biometric solutions with API-first architecture for seamless enterprise integration.

## API-First Architecture

Open APIs enable instant integration with any ERP, HRMS, or custom application. Full device control through RESTful APIs.

## Key Differentiators:

### Cloud-Native

All devices communicate directly with cloud infrastructure for real-time data sync.

### AI-Powered

Advanced machine learning for accurate biometric recognition and analytics.

### Zero Lock-In

Open APIs ensure you're never dependent on proprietary software.

### Enterprise Security

End-to-end encryption and secure authentication protocols.

### Scalable Platform

From single device to enterprise-wide deployments.

### Manage Devices Remotely

Complete device control via cloud-based management APIs

# The API-First Platform

Software is Optional. API is the Foundation.

APIs as the primary interface. Complete control over biometric data flow.

## NIALABS Cloud API



### Biometric Devices

AI10, AI09, AI08, AI07,  
AI06, AI05, N20, AI11



### Secure Encryption

TLS 1.3, AES-256, token auth



### RESTful APIs

Attendance +  
Management APIs



### ERP Systems

SAP, Oracle, Odoo,  
custom



### HRMS / Payroll

Workday, BambooHR,  
Zoho



### School ERP

Student & device  
management

## How It Works?

Device → Cloud API → Your Application. Real-time data via webhooks or REST endpoints.

## Comprehensive Management APIs

Complete device control via APIs—configure, manage users, monitor, bulk operations.

### Device Management

Add, configure, update, and  
monitor devices via API.

### User Management

Create users, assign biometrics,  
manage permissions.

### Remote Configuration

Update settings, schedules,  
and access rules.

### Real-Time Monitoring

Check device status,  
connectivity, health metrics

### Bulk Operations

Manage hundreds of devices,  
thousands of users.

### Webhook Events

Instant notifications for  
attendance and alerts.

# Industry Use Cases

Trusted Across Multiple Sectors



## Schools & Colleges

Automated student attendance tracking, campus access control, transportation management, and parent notifications. Integrate with existing school ERP systems through simple API calls for seamless data flow.



## Corporate & Enterprises

Employee time and attendance management, payroll automation, workforce analytics, and secure facility access. Direct integration with HRMS and payroll systems for accurate shift tracking and overtime calculation.



## Transport & Fleet

Real-time GPS tracking, driver authentication, passenger check-in/check-out, route monitoring, and automated alerts. Perfect for school buses, corporate shuttles, logistics fleets, and public transportation systems.



## Government & Public Sector

Employee time and attendance management, payroll automation, workforce analytics, and secure facility access. Direct integration with HRMS and payroll systems for accurate shift tracking and overtime calculation.



## Software & ERP Companies

White-label API integration for software vendors, OEM partnerships, and custom biometric modules for existing platforms. Enable your customers to add biometric capabilities without building hardware infrastructure.



## Manufacturing & Industry

Worker attendance at production lines, shift management, contractor access control, and safety compliance tracking. Real-time data for operational efficiency and labor cost optimization.



## Hostel & Residential

Student check-in/check-out tracking, room access control, visitor management, and automated parent notifications for hostel facilities and residential communities.



## Library & Study Centers

Member attendance tracking, book issue/return automation, reading room access control, and usage analytics for libraries and study centers.



## Gym & Fitness Centers

Member check-in, subscription management, equipment usage tracking, and automated membership renewal notifications for gyms and fitness facilities.

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case

## AI10

### GPS + 4G Bus Tracking Device

Real-time GPS, 4G LTE, biometric driver verification.



Real-time GPS tracking with geofencing capabilities.



4G LTE connectivity for cloud data transmission.



Route optimization and deviation alerts.



Biometric driver authentication system.



Emergency alerts and SOS functionality.

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 5000



User: 5000



PWO: 5000



Card: 5000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI09

### Face Recognition Attendance Terminal

AI-powered touchless attendance.  
Works in varying light.



Advanced AI face detection and recognition.



Touchless operation for hygiene and speed.



Works in various lighting conditions.



Encrypted data transmission to cloud.



Cloud-based face database management.

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 50000



User: 50000



PWO: 50000



Card: 50000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI08

### Fingerprint & RFID Access Control

Dual-authentication: fingerprint + RFID card.



Dual authentication: fingerprint + RFID card.



High-security access control system.



Support for up to 10,000 users.



WiFi and Ethernet connectivity options.



Instant cloud synchronization.

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 5000



User: 5000



PWO: 5000



Card: 5000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI07

### Dynamic Face & Fingerprint Recognition Terminal



Support Multi Person (At Most 5 Users) Face



Dual authentication: Face + Fingerprint Scanning



4.3 inch Display.



WiFi and Ethernet connectivity options.



Instant cloud synchronization.

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 5000



Finger: 5000



User: 5000



PWO: 5000



Card: 5000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI06

### Dynamic Face Recognition Terminal

Comes with a dual-camera and anti-spoofing technology.



Support Multi Person (At Most 5 Users) Face



High-security access control system.



4.3 inch Display.



WiFi and Ethernet connectivity options.



Instant cloud synchronization.

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 5000



User: 5000



PWO: 5000



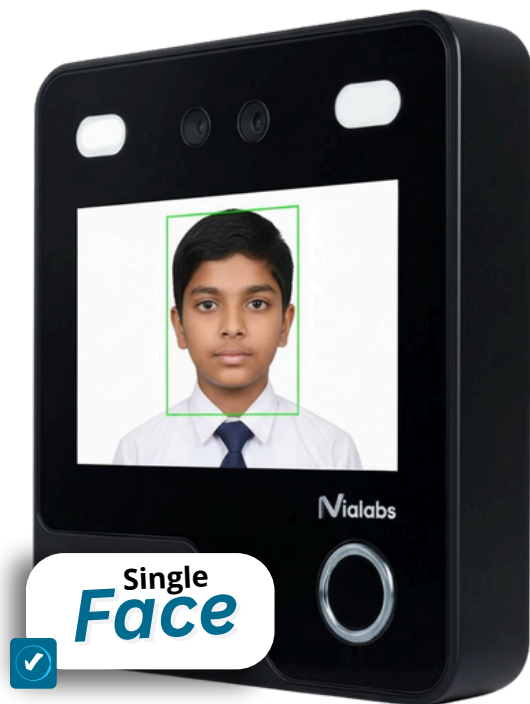
Card: 5000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI05

**Ai Dynamic Face Recognition Time  
Attendance And Access Control Terminal**



Dual-Camera Technology For Live Detection



Recognise Faces In Just 0.2 Seconds



4.3 inch Display.



WiFi and Ethernet connectivity options.



Instant cloud synchronization.

**Integration Ready**

**Scan QR For More Info**

**Machine Capacity**

SCAN ME!



User: 15000



Face: 5000



Finger: 10000



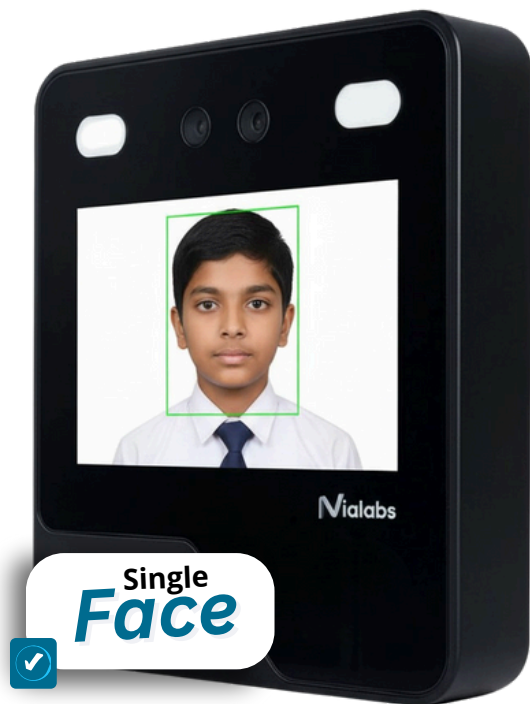
Card: 15000



Logs: 500000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI04

**Ai Dynamic Face Recognition Time  
Attendance And Access Control Terminal**



Dual-Camera Technology For Live Detection



Recognise Faces In Just 0.2 Seconds



4.3 inch Display.



WiFi and Ethernet connectivity options.



Instant cloud synchronization.

**Integration Ready**

**Scan QR For More Info**

**Machine Capacity**

SCAN ME!



User: 15000



Face: 5000



Card: 15000



Logs: 500000

# Additional Devices

Complete Product Range for Diverse Requirements



## N20

### Industrial-Grade Biometric Terminal

Rugged, weatherproof. IP65-rated protection.



IP65 weatherproof rating for outdoor use



Operating temperature: -20°C to 60°C



Vandal-resistant housing



WiFi and Ethernet connectivity options.

**Integration Ready**

### Machine Capacity



User: 3000



PWO: 3000



Finger: 3000



Card: 3000



Logs: 200000

# Product Portfolio

Enterprise-Grade Hardware for Every Use Case



## AI11

### Android-Based Smart Terminal

7" touchscreen. Multi-biometric support.



7-inch HD touchscreen display



Android OS with customizable interface



Face, fingerprint, NFC, Password authentication



WiFi, 4G, and Ethernet connectivity



Built-in camera for photo capture

Integration Ready

Scan QR For More Info

Machine Capacity

SCAN ME!



Face: 5000



User: 5000



PWO: 5000



Card: 5000



Logs: 100000

# Optional Software Solutions

Use Our Platform or Integrate Your Own

Use NIALABS software or integrate your own systems via APIs.

## Your Choice: API Integration or Complete Platform

NIALABS gives you flexibility. Use our devices with your existing ERP, HRMS, or custom software through simple API calls. Alternatively, leverage our full-featured cloud platform if you need a turnkey solution. The choice is yours.

## NIALABS Cloud Platform Features

### Attendance Management

Real-time attendance tracking with automated reports and analytics

### Hostel Management

Check-in/check-out tracking, room allocation, and parent notifications

### HR Management

Employee records, leave management, shift scheduling, and payroll integration

### Library (Study Center) Management

Member tracking, book issue/return automation, and usage analytics

### Gym Membership Management

Member check-in, subscription tracking, and renewal notifications

### Clubhouse Management

Member access control, facility usage tracking, and event management

### Device Management via App

Remote device configuration, user management, and health monitoring

### GPS Tracking

Real-time vehicle and fleet monitoring with geofencing

### Analytics & Reports

Comprehensive insights and customizable reports across all modules

### Mobile Apps

iOS and Android apps for employees and managers

### API Access

Full API documentation for attendance, device management, and user operations

### Multi-Location

Manage multiple offices and sites from one dashboard

## Deployment Options

**Cloud-Hosted:** Fully managed SaaS with 99.9% uptime.

# Partner Program

Grow Your Business with NIALABS

NIALABS offers a structured partner program that enables authorized resellers, system integrators, and technology partners to deliver biometric solutions to their customers while earning attractive commissions and incentives.



## Authorized Reseller Program

Become an authorized NIALABS partner and resell complete biometric solutions under the NIALABS brand. Earn commissions on hardware, software, and API subscriptions with tiered discount authority.



## API Integration Partners

Access comprehensive API documentation and technical support to integrate NIALABS devices with your software platforms. Perfect for ERP vendors, HRMS providers, and software developers building biometric-enabled solutions.



## System Integrators

Deploy NIALABS solutions for enterprise clients, schools, and government organizations. Receive dedicated technical support, pre-sales assistance, and project-based incentives for large-scale implementations.



## Volume Discounts

Three-tier partner program with progressive discount authority for Platinum partners. Earn quarterly and annual incentives based on sales performance with transparent commission structures.

## Partner Benefits

- **NIALABS Partner Program** lets you earn commission by reselling hardware, software, and API solutions.
- **Achieve strong sales performance** to unlock additional incentives and bonuses.
- **Become a reseller**, system integrator, or software partner to offer biometric solutions to your existing clients and generate additional revenue.
- **Technical Support:** Dedicated partner support team, comprehensive API documentation, training programs, and priority assistance for enterprise deployments.



**BUILD SMARTER  
SYSTEMS WITH**

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Ready to integrate biometric solutions?