Sixpent Inc.
Software company

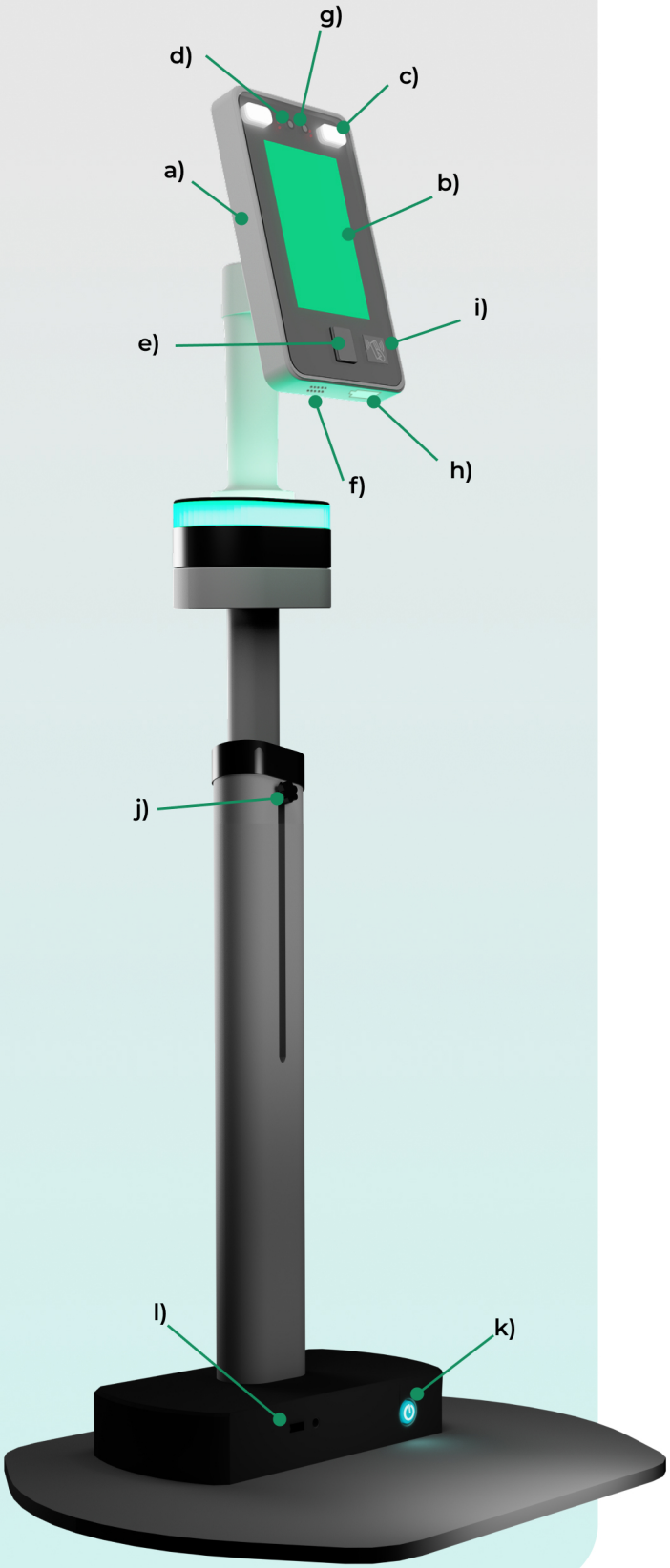
BioScanPro

Revolutionizing Secure Access with AI-Powered Face Recognition



Enhance Security & Efficiency

BioScan Pro
Face Recognition





a) Aluminum Alloy Housing



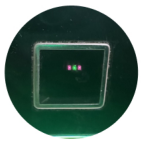
b) Tempered Glass Panel



c) White Light Supplement Lamp



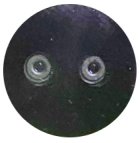
d) Infrared Supplement Lamp



e) Biometric Fingerprint Scanner



f) Speaker



g) VL Camera (Visible Light)

Uses natural or artificial light for clear images.

IR (Infrared Light)

Infrared light is invisible to the human eye.



h) USB port



i) ID Card Reader



j) Height Adjuster



k) Power Button



l) LAN Port

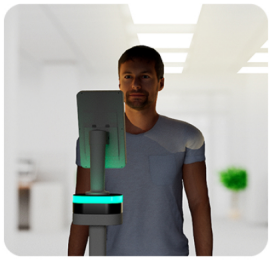
AI Face Recognition Capabilities

AI-powered face recognition delivers fast, accurate, and secure authentication. With deep learning algorithms, it ensures precise identification in any environment, enhancing both security and efficiency.





Intelligent Adaptation for Lighting Conditions



Back-light Correction: Dual-camera with 200W pixel WDR for clear visibility.



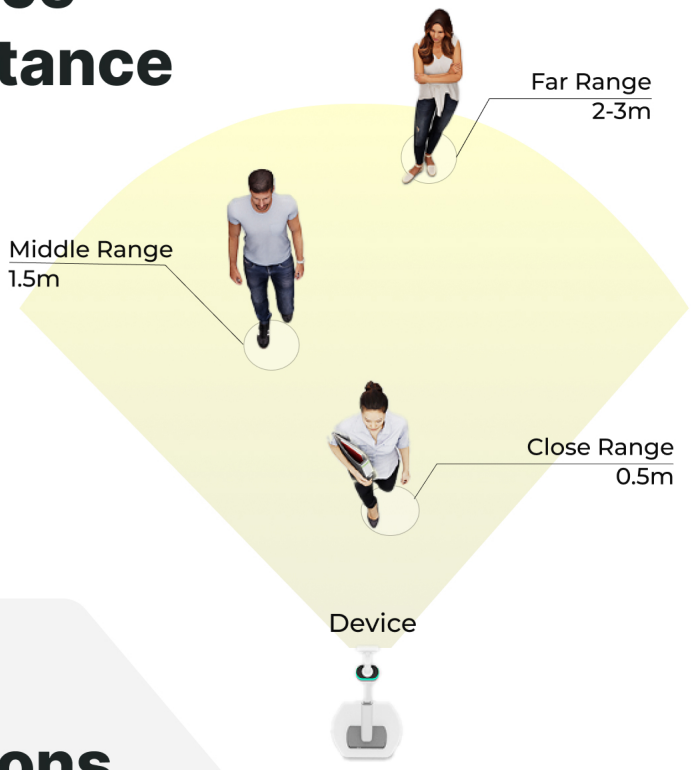
Dark Light Support: Optimized for low-light environments.



Strong Sunlight Resistance: Reliable recognition even in bright conditions.

Configurable Face Recognition Distance

Adjustable recognition range ensures accurate identification from close to extended distances, enhancing both security and convenience.



Mounting & Integration Options

Turnstile Integration



Turnstile Type A

Suitable for high-traffic security areas.



Turnstile Type B

Alternative access control option.

Mounting Options



Desktop Bracket

Ideal for offices & reception areas.



Wall Mounted

Fixed installation for door security.

Holding with Turnstile (Steps)

1



Turnstile Type B

Firm attachment to turnstile.

2



Wiring Setup

Connects device to power & control.

3



Fixed Installation

Stable and ready for use.

Key Features

5
user

Recognizes up to 5 users simultaneously

0.5~3
meters

Adjustable recognition distance.

5000
(20000/50000 optional)

High face capacity.

Multi-Language Support.

WDR
Wide Dynamic Range

200W Wide Dynamic Range Camera

Secure Access Control.

Infrared Liveness Detection.

Touchscreen Interface.

99.70%

High Face Recognition Accuracy.

1920 x 1080

HD Touchscreen Display

Durability & Weather Resistance



IP65

certified for waterproofing and durability, ensuring reliable performance indoors and outdoors.

Application and Uses

We provide intelligent security and IoT solutions for diverse environments, including airports, offices, schools, and financial institutions.



Government Agencies

Secure, compliant timekeeping with automated reporting.



Educational Institutions

Simplified workforce management with accurate records and real-time monitoring.



Corporate Offices

Streamlined HR, payroll, and centralized employee records.



Hotels & Hospitality

Efficient scheduling and automated tracking to support 24/7 services.



Manufacturing & Warehouses

Optimized workforce monitoring, overtime tracking, and compliance-ready reporting.



Retail & Service Chains

Centralized management of multiple branches with automated payroll and scheduling.



Specification

Face recognition algorithm (Dual camera, Visible Light recognition)

Version	EBKNv5.3
Base technology	Deep learning(1TOPS NPU)
FAR/FRR	0.00001/ 1(%)
Speed	Detection: < 0.1second (up to 5 faces simultaneously) Recognition: < 0.5second (per every face)
Distance	0.5 –2.5M (Up to 3M under good environment.)
Angle	Yaw：≤30° Pitch：≤30°
Simultaneous face detection count	5
Anti-spoofing	Based on dual camera
Others	Support intelligent adaptation

Hardware

Item	Specification
RAM	External 512MB DDR3
Flash	4GB SD NAND
Visible Light Camera Infrared Camera	2M（1920*1080）Resolution 2M（1920*1080）Resolution Field of view：72.2Degree
Illumination	Visible light illumination Infrared light illumination
LCD	5 inch （720*1280）Full view IPS screen
Communication	Ethernet，WiFi(Optional) RS485 ,WEB(Optional),P2P(Optional) ,4G(Optional)
RTC	Supported
Sound	Supported
Touch Panel	Supported
Card	ID, IC(Optional) Supported
Access Control	Supported (Door Lock Relay, Bell Relay, Exit Button, Door Sensor, Wiegand In/Out Tamper，Refresh)
Working voltage	DC12V ± 5%(current: below 1.5A)
Working temperature	-10°C~ +60°C
Working humidity(RH)	20% ~ 80%

Software

User capacity	5K/20K/50K (Optional)
Face capacity	5K/20K/50K (Optional)
Fingerprint capacity	5K/20K/50K (Optional)
Access/Attendance log capacity	500k
Management log capacity	3K
Display language	Multilingual
SDK	Supported
Self-attendance (Excel)	Supported (Max capacity up to 5K)

Why Choose this System

Super-fast authentication: <0.1s per person

Highly adaptable: Reliable in any lighting condition

Multi-user recognition: Up to 5 faces simultaneously

Scalable & secure: Supports large databases with real-time monitoring

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