

nano NXXT[®]

4TH GENERATION

The Most
ADVANCED
Iris Identity
Authentication
Technology for
Business,
government
& consumers



**ADVANCED. EFFICIENT.
COST-EFFECTIVE.**

WHO IS EYELOCK?

EyeLock is a biometric identity management technology company that focuses on developing iris recognition systems for physical and logical access control and other identity management applications. It offers a portfolio of hardware and software solutions including **nano NXXT™**, a versatile indoor access control camera, **nano EXT™**, a fully-automated access control product designed for operation in all environments including in direct sunlight and in harsh climates, and **myris™**, a USB iris acquisition device used for logical access, data acquisition for civil identity management programs and as an enrollment device for EyeLock access control systems. All products are interoperable via **EyeLock Identity Suite™** software platform which provides data replication, comprehensive device management, direct integration with commonly used Physical Access Control Systems (PACS) such as Lenel, Genetec, AMG, Honeywell, PACOM, Software House, Open Options, RS2, and other PACS software via PSIA & PLAI adapter.



EyeLock products can be found at university campuses, airports, stadiums, corporate campuses, commercial real estate buildings, server rooms, and other location requiring high-throughput, high-speed and high-security user authentication and access.

EyeLock serves government, business, and consumers through its distributors in Europe, North America, Latin America and Caribbean; and partners in the United Arab Emirates and Asia. EyeLock Inc. has a strategic partnership with VOXX Electronics Corporation.

The company is based in New York, New York and operates as a subsidiary of VOXX International Corporation.

WHAT IS IRIS AUTHENTICATION?

Iris authentication is the most secure method of identifying individuals based on unique patterns with-in the ring shaped region surrounding the pupil of the eye. Iris scanning biometrics measures the unique patterns in the colored circle of the eye to verify and authenticate the identity. The iris pattern persists from birth through the entire life, and it is unique for the entire population including identical twins.

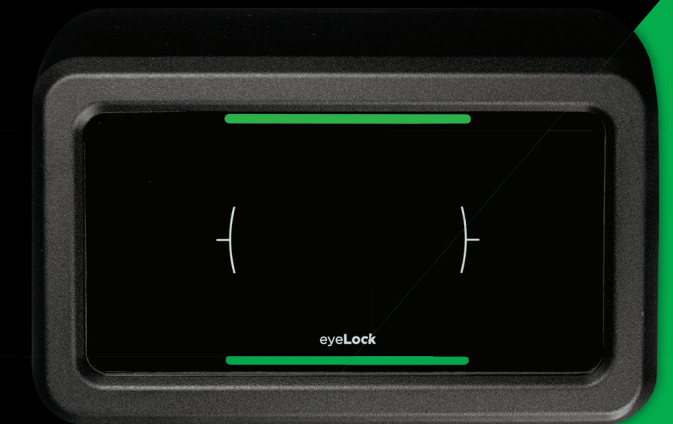
HOW EYELOCK WORKS

The EyeLock process is both simple and secure. First, the device takes high resolution pictures of the user. Then, the EyeLock algorithm detects the pattern of the colored portion of the iris images to extract specific markers, also known as "template". The user's template is then compared to an existing database of templates looking for an identity match. Once a match is found, the device communicates the identity of the user to the Access Control System. The entire process takes a fraction of a second.

eyeLock[®]

Our vision for your secure world.

**ALL WEATHER. ALL ACCESS.
ALL LOCATIONS.**



The Most
ADVANCED
Indoor / Outdoor
Iris Identity
Authentication
Solution

nano EXT[™]

nano EXT™

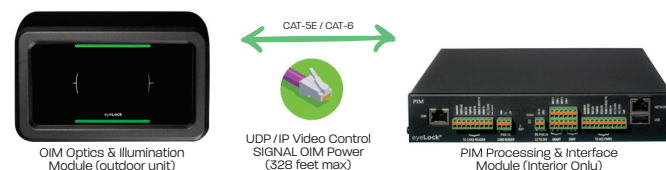
EXTREME Security for EXTREME Conditions.

REAL SECURITY COMES OUTSIDE TO PLAY.

Unlike many other biometric and card-based control solutions, **nano EXT™** identifies people in real time and at a distance, in indoor and outdoor locations. **nano EXT™** allows processing people through doors or checkpoints at a rate of up to 20 people per minute without delays or backups. The device is designed to operate in direct sunlight, snow or rain and temperatures between -40°C to 66°C (-40°F to 150.8°F). The device's sleek and unobtrusive design is also vandal-resistant. **nano EXT™** features automatic height adjustment to allow simple interaction regardless of the user height. With no cards, fobs or keys to replace or upgrade, and no risk of loss or theft, iris technology makes credential management incredibly easy and cost-effective.

FEATURES

- NEW** Supports **PSIA** (Physical Security Interoperability Alliance) & **PLAI** (Physical-Logical Access Interoperability) interface
- Automatic Height Adjustment
- Operates in temperatures of -40°C to 66°C (-40°F to 150.8°F)
- IP67 (Water / Dust Resistance) & IK10 (Vandal Resistance)
- Works in all lighting conditions including direct sunlight
- Modular design with outdoor camera and indoor electronic units
- FAR (False Accept Rate) of up to 1 in 2.25 Trillion (both eyes)
- Secure communication and encryption (AES 256)
- Wiegand, F2F, OSDP with Secure Channel Protocol and PAC
- Integrations with top access control platforms to simplify user and device management
- IEEE 802.1X network authentication
- Browser based configuration
- Option to store template:
 - On device (20,000 users)
 - On server (1,000,000+ users)
 - EV1/EV2 smartcard (1 user per card)
 - Mobile (1 user per phone / tablet)
- 2 or 3 factor authentication (requires 3rd party card/PIN reader)
- Tamper detection



myris™
enrollment device



EYELOCK IDENTITY SUITE™

Turn any Networked PC into an Enrollment Station.

The **EyeLock Identity Suite™** Centralized Management Application (CMA) streamlines administration of EyeLock devices and users. The browser-based CMA simplifies firmware updates and provides the ability to simultaneously manage multiple device settings and remote device diagnostics for online and offline devices. The CMA turns any networked PC with access to the Identity Suite server into an enrollment station – a convenient solution for enterprise organizations with multiple geographic locations. When configured, the included Active Directory integration allows users to take advantage of Single Sign-On (SSO) using their existing Active Directory domain components.

EyEnroll™

EyEnroll™ is EyeLock's easy-to-use application for the enrollment and management of users utilizing EyeLock's iris authentication products.

It's our tool used to capture iris images, create user templates, add users, and can be used for cardholder management and **nano NXT®** custom key management. **EyEnroll™** provides real-time feedback during the enrollment process and aids the user in the selection of quality enrollment images.

FEATURES

- Iris Capture
- Secure Communication and Encryption (AES 256)
- Eyelock ID™ Template Creation
- Custom key management
- Add Users
- Secure Template Import/Export
- Cardholder Management
- Database Options
- Standard (Device or Server)
- SQL Lite
- Portable (EV1/EV2 smartcard or Mobile)
- MS SQL Server (2008 R2 or greater)



SPEED

EyeLock® uses video, not still pictures to capture an image of your eyes, and delivers throughput of up to 50 people per minute.



SECURITY

No two human irises are alike – not in twins, not even on the same person. EyeLock® provides a False Accept Rate (FAR) of 1 in 2.25 Trillion in both eyes.



NO IRIS, NO ID

EyeLock® generates a unique EyeLock ID™ of each iris. Then to authenticate your ID, it matches the EyeLock ID™ with your eyes.



HYGIENIC

EyeLock® is a fully touchless system, authentication can be completed without the requirement to remove eye wear, face masks and gloves.



CONVENIENT

EyeLock® authenticates users within seconds, with only a brief glance into the lens EyeLock® can grant access to the user.

nano NXT®

4TH GENERATION

Puts the future of ACCESS TECHNOLOGY in reach.

HIGH SECURITY MADE SIMPLE.

nano NXT® – the innovative EyeLock access control solution. **nano NXT®** renders all other access control peripherals obsolete by revolutionizing how identities are protected, authenticated, and managed. With a sleek low profile and powerful capabilities, the **nano NXT®** redefines the access control systems. A SDK is available to customers who want to customize their security solutions to integrate seamlessly with existing applications. The **nano NXT®** authenticates up to 20 people per minute with unparalleled accuracy. **nano NXT®** can be used in a variety of environments including commercial/enterprise, corrections, data centers, education, financial services, government, healthcare facilities and hospitality.

FEATURES

- NEW** Improved enrollment software
- NEW** Remote Firmware upgrades available
- NEW** Ambient Light Compensation
- FAR (False Accept Rate) of up to 1 in 2.25 Trillion (both eyes)
- Secure communication and encryption (AES 256)
- Wiegand, F2F, OSDP with Secure Channel Protocol and PAC
- Integrations with top access control platforms to simplify user and device management
- Option to store template:
 - On device (20,000 users)
 - On server (1,000,000+ users)
 - EV1/EV2 smartcard (1 user per card)
 - Mobile (1 user per phone / tablet)
- Power Over Ethernet
- IEEE 802.1X network authentication
- Two or three factor authentication (requires 3rd party card/PIN reader)
- Browser based configuration
- Tamper detection
- Easy interfaces to access control / time & attendance systems (Wiegand, F2F, OSDP and PAC)



nano NXT®
(Alternate view)