eyeLock®
Advanced Iris Identity Authentication

nano NXT®

Advanced iris authentication technology for business, government and consumers.

HIGH SECURITY MADE SIMPLE.

EyeLock uses video based technology to look at more than 240 unique characteristics in each iris. In real time, EyeLock's proprietary algorithm converts the characteristics to a code that is unique only to you. The code is encrypted—this is your unique template. Each time the user looks at an EyeLock product, an EyeLock algorithm matches the newly created template to the existing template in just seconds. The EyeLock platform has been developed to adhere to a specific chain of provenance in order to authenticate. EyeLock's algorithm first establishes liveness, then initiates the process of authentication.

nano NXT®— the next generation of EyeLock's revolutionary access control solutions. 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 future of access control. An optional 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, in-motion and at-a-distance 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.

nano NXT®

Advanced. Efficient. Cost-effective.
nano NXT puts the future of access technology in reach.

FEATURES

- FAR (False Accept Rate) of up to 1 in 1.5M (single eye)
- Secure communication and encryption (AES 256)
- Wiegand, F2F, OSDP 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 smartcard (1 user per card)
  - Mobile (1 user per phone / tablet)

- Power Over Ethernet
- Dual factor authentication (requires 3rd party card reader, not included)
- Browser based configuration
- Tamper detection
- Easy interfaces to access control / time & attendance systems (Wiegand, F2F, OSDP and PAC)
- SDK available:
  - C# (.NET)
  - C / C++
  - Java

SPECIFICATIONS

Dimensions (W x H x D):	8.0" (20.34 cm) x 5.0" (12.71 cm) x 2.81" (7.14 cm)
Weight:	3 lbs (1.36 kg)
Power Input / Consumption:	PoE (IEEE 802.3af) 7.5 W or 12-24 VDC (13 W Max)
Standoff Distance:	12.0" (30.48 cm)
Vertical Capture Range:	5.2" (13.20 cm)
Horizontal Capture Range:	6.5" (16.51 cm)
Mounting Height:	54.0" (137.16 cm)
Operating Temperature:	32°F-104°F (0°C-40°C)
Humidity:	Up to 85% non-condensing
Communications:	Ethernet (LAN, WAN) 10/100Mbps Full Duplex
Inputs:	1 data port (Wiegand, F2F, OSDP and PAC)
Outputs:	1 data port (Wiegand, F2F, OSDP and PAC), 2 relays (30 VDC @ 4 A, Grant / Deny)
External Card Reader Power Output:	5 - 12 VDC (200 mA max)
Mounting:	2-Gang Back Box
Compliance:	UL-294, ULC-S319, CE, FC

ACCESSORIES

SURFACE MOUNT BOX
(N-NXT-BOX-STD)

Dimensions:
Width: 6.4" (163.26 mm)
Height: 5.0" (129.14 mm)
Depth: 1.4" (37.60 mm)

ANGLED MOUNT BOX
(N-NXT-BOX-ANG)

Dimensions:
Width: 6.3" (162.54 mm)
Height: 5.0" (129.14 mm)
Depth: 4.5" (115.90 mm)

SINGLE GANG PORTABLE TEMPLATE READER
(N-NXT-PT-S)

- Communication to NXT via RS-485
- 13.56MHz and Bluetooth LE

MULLION PORTABLE TEMPLATE READER
(N-NXT-PT-M)

- Communication to NXT via RS-485
- 13.56MHz and Bluetooth LE

DESKTOP PORTABLE TEMPLATE READER/WRITER
(N-NXT-PT-D)

- Communication to PC via USB
- 13.56MHz and Bluetooth LE

MYRIS HAND HELD USB IRIS ENROLLMENT DEVICE
(M)

- Communication to PC via USB