BluPOINT Nano Reader

The BluPOINT Nano Reader is the powerful mobile access module you can install in small spaces. It is engineered with a small form factor that can be embedded invisibly behind existing readers, inside elevators, turnstiles, kiosks, vending machines, copiers, and more. The Nano Reader installs in existing access locations in just minutes with a pre-existing power supply and cables to controller panels. It can be installed between existing readers and controllers so you can add mobile access while maintaining support for legacy cards. No changes to existing readers or controllers are required. The BluPOINT Nano Reader is accurate in crowded spaces and is designed to work in crowded areas with many signals such as office lobbies during rush hour without causing delays at entrance turnstiles.

Key Benefits

- Support for BluBOX Mobile Access via native Bluetooth
- Ultra-secure storage of cryptographic keys
- All readers include out-of-the-box support for Open Supervised Device Protocol (OSDP) for secure bidirectional communication.
- Terminal block and pigtail wiring options
- Robust outdoor performance
- Easily and securely managed using BluBOX Reader Configuration
- Configure via a mobile device
- Update firmware in response to threats
- Personalize by configuring audio visual settings and read range

Key Features

- Seamlessly integrates with the All-in-One BluSKY Security Platform
- Compact design that hides in existing architecture
- Integrated OSDP for secure authentication and configuration
- Built on a hardware platform designed to be adaptable to support future technology
- Multi-Layered security to ensure data authenticity and privacy
- Trusted secure authentication using the SIO data model
- *Apple's Enhanced Contactless Polling (ECP) to support credentials in Apple Wallet

A Better Access Experience

BluPOINT Nano Readers and BluID Mobile Credentials together provide a truly touchless and frictionless experience at any access point and beyond.
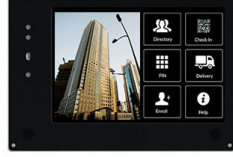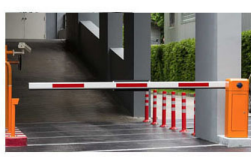
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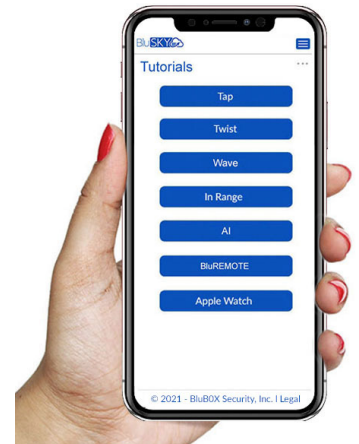

Doors

Turnstiles

Destination Elevator Kiosks

BluPOINT Nano Reader's remarkable size makes it ideal for spaces traditional door access readers can't go, making it possible to extend mobile access to almost any application.

Two-Button Elevator Panels

Visitor & Vendor Check-In

Garages

Seamless Access

BluPOINT Nano Reader offers multiple options for configuring access to each door, giving you and employees complete control of the entry experience.

- **Tap -** Tap your device to unlock nearest lock
- **Twist -** Rotate your device to unlock nearest lock
- ***Wave -** Wave your hand to unlock nearest lock
- **In Range -** Unlock nearest lock when in range
- **AI -** Allow BluSKY AI to unlock nearest lock based on behavior
- **BluREMOTE -** Use BluREMOTE app to unlock nearest lock
- ****Apple Watch -** Use your Apple Watch to unlock nearest lock
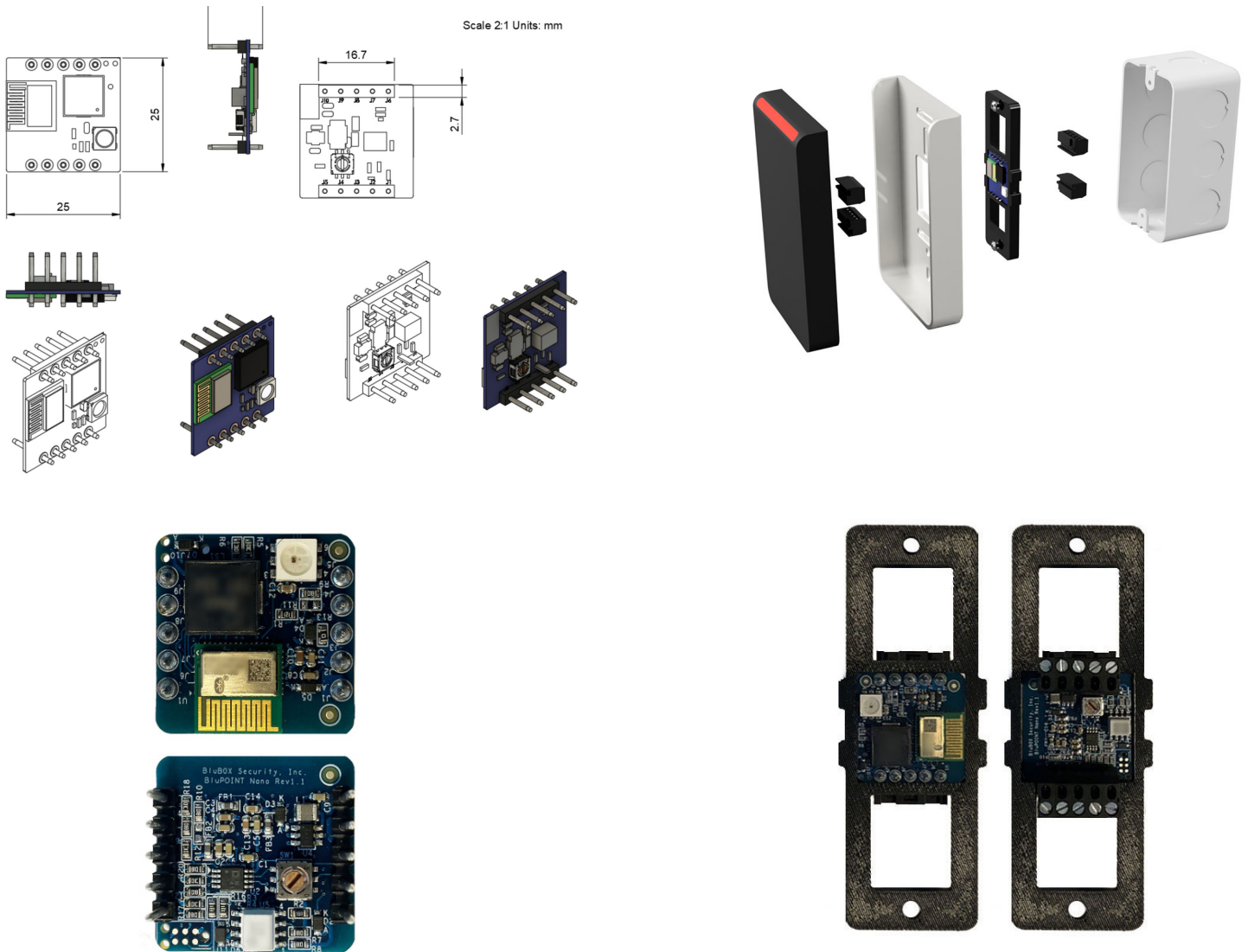

Give your employee and tenant experience a lift.

BluPOINT Nano Reader can be embedded alongside existing card readers that support Wiegand, such as those in elevator dispatches. This creates a frictionless curb-to-office access experience that employees and tenants love, while also and making multi-tenant access management a breeze. Perfect for high-traffic lobbies.

With an external antenna and configurable ranging, BluPOINT Nano Reader delivers high accuracy in close proximity to other readers, and low latency in high-traffic areas with many mobile signals, making it the perfect solution for lobby turnstiles.

Hardware and Installation

Scale 2:1 Units: mm

Specifications

Carrier Frequency	2.4 GHz
Power Supply	5V - 12V DC
Dimensions	24mm x 24mm x 10mm (H x L x W)
Temperature	Operating: -35° to 66°C (-31° to 149°F) Storage: -35° to 85°C (-31° to 185°F)
Operating Humidity	5 to 95% relative humidity (non-condensing)
Connection	Terminal connectors and BLE
Firmware Upgrade Method	BLE
Cable Length	Wiegand 152 m/500 ft (22 AWG shielded wire)
Certifications	FCC, IC
System Requirements	Compatible iOS or Android device with BluB0X app

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