

The Person Reader Overview

The All-In-One Intelligent Readers

The BluBOX Person Reader is an advanced, all-in-one intelligent device revolutionizing access control, intercom communication, visitor management, surveillance, and natural language interactions. It is available in multiple sizes, models and colors and comes equipped with a camera, touchscreen, microphone, and speakers for user interaction. This versatile device supports RFID, Bluetooth, NFC, QR Code and PIN credentials and 2-way stereo audio and SIP communication. It is equipped with a 2 MP color camera and IR depth camera, ensuring precise and reliable appearance and voice recognition and natural language communication.

The Person Reader supports the convenience of AnyID technology and excels in multi-factor authentication. It ensures robust, accurate, and hands-free access control, adapting to users' appearances over time, eliminating the need for a distinct enrollment procedure. Simply look at the device, be recognized, and gain entry. The high-performance camera associates' photos or videos with each entry attempt and can optionally employ advanced video and audio analytics for enhanced surveillance and verifiable proof of presence.

As an intercom, the Person Reader supports SIP-based two-way audio and video communication, seamlessly integrating with BluSKY for remote answering and control from any device. For visitor entry, it facilitates self-check-in at doors, gates, security desks, reception areas, or loading docks. Visitors can find pre-registered records via name or QR code, with the device reading and assigning credentials, taking photos, checking in, and announcing visitors.

A standout feature is its integration of advanced natural language processing (NLP) capabilities. Powered by an NVIDIA chipset, the Person Reader can run a full large-language model locally, enabling human-level interactions. Users can issue commands, ask questions, make requests, and receive summaries—all in natural language. It supports multiple languages and personalizes settings such as default floor selection and opting in or out of appearance and voice recognition, making it a highly versatile and accessible tool.

Key features include an intuitive user interface, cost-effectiveness, ease of use, rapid recognition, robust performance, and deep integration with BluSKY for seamless credential and access management. ADA compliant, it supports accessibility features ensuring inclusivity.

Applications range from doors, turnstiles, and elevators to commercial buildings, airports, server rooms, data centers, residential buildings, hospitals, schools, social services, and gyms. The Person Reader meets proof of presence requirements, ensures high security, and offers hands-free access and visitor management.



Key Benefits

- All-in-one device for access control, intercom, and visitor management
- Supports face, voice, name, card, mobile, QR code, PIN, and HID credentials
- AI-based continuous learning and enrollment on-the-fly Integrated with BluSKY's cloud platform for seamless management
- Provides photo ID management with automatic updates
- Supports destination dispatch and elevator integration
- High-performance video camera and analytics capabilities
- ADA compliant with accessibility features

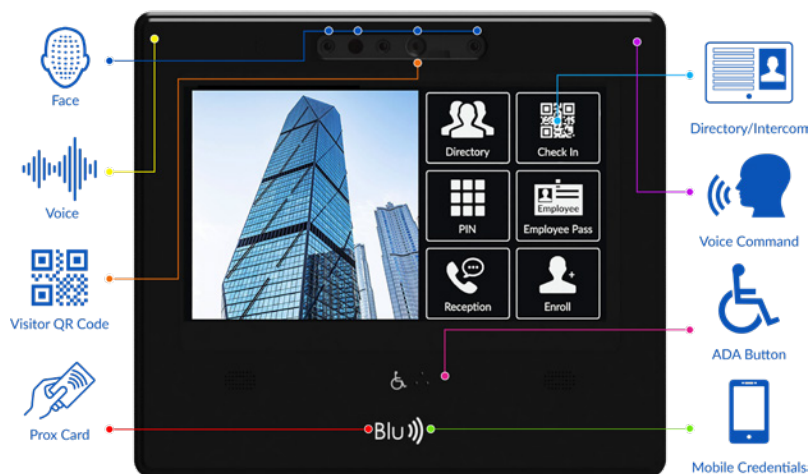
Key Features

- Intuitive: Functions like a traditional reader with added intelligence
- Cost-effective: High value at a low cost
- Easy to Use: User-friendly interface for quick and easy access
- Fast: Rapid recognition and access granting
- Privacy: Secure handling of personal data
- Robust: Durable and reliable in various environments
- Deep Integration: Seamless integration with BluSKY
- Easy Management: Simplified credential and access management
- Proof of Presence: Verifiable proof of presence for security and record-keeping

Main Features:

AnyID

The Person Reader supports AnyID, multiple forms of identity verification which allow users to choose the most convenient method for them. This includes appearance, voice and name recognition, card access, mobile credentials, QR codes, and PIN entry. This flexibility ensures a seamless and secure access experience for all users.



Appearance, Voice, and Name Recognition

Harnessing cutting-edge deep learning algorithms, the Person Reader offers precise recognition of users by appearance, voice, and name—all without storing any biometric information. With on-the-fly enrollment and easy opt-in/opt-out via screen and voice, the Person Reader maximizes user convenience. This multi-modal biometric recognition not only enhances security but also provides seamless, hands-free access at any Person Reader location, setting a new standard for effortless entry.



Photo ID Management

The Person Reader revolutionizes the photo ID process by automatically taking and analyzing photos each time a user appears. It selects the optimal image based on pose, sharpness, and clarity, comparing it to the existing photo ID. If the new image is superior, it updates the record, ensuring a current and accurate photo of every individual entering the facility—without manual intervention or associated costs. This process saves hundreds to thousands of hours annually and enhances security by providing up-to-date images for video comparison and overall safety tasks. es security but also provides seamless, hands-free access at any Person Reader location, setting a new standard for effortless entry.

Edit Person

Perince, Alicia
American Catering

Basic Info Roles Credentials Access UDFs Suspend Vehicles **Person Photos** Badge Person Preference Mobile Devices History

Available Photos



Upload New Photo

- ☒ Upload Via File
☐ Upload Via Camera

File



Upload



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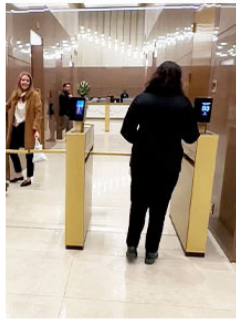
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Door, Turnstile, Elevator, and Gate Access Control

The Person Reader provides robust access control for doors, turnstiles, elevators, and gates. It supports multiple credential types, enabling secure and flexible access in various settings.



Door



Turnstile



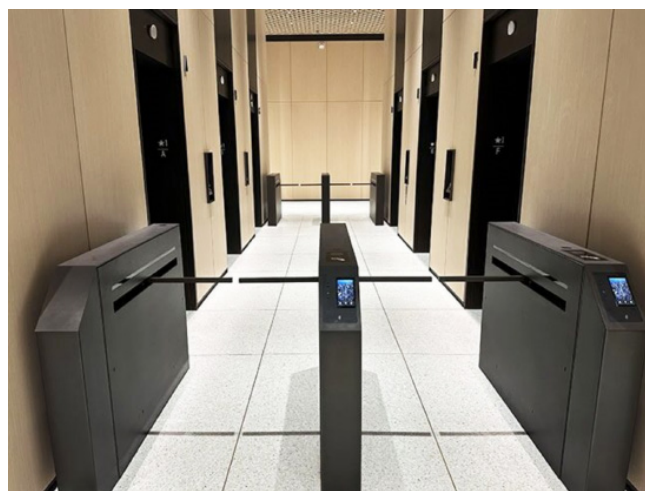
Elevator



Gate

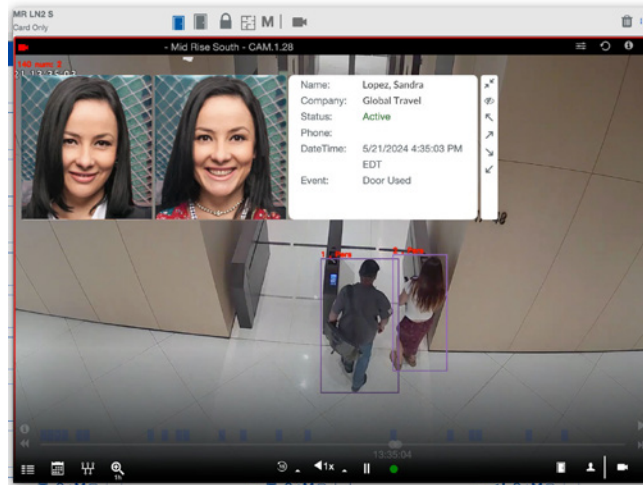
Turnstile Reader and Destination Dispatch Terminal

Integrated with the Destination Dispatch System, the Person Reader provides automatic floor assignment at turnstiles, allowing users to enter their destination floor. This reduces wait times and improves overall user experience.



Video Camera, Recorder, and Analytics

Equipped with a high-resolution 2 MP camera, the Person Reader captures and records video for security purposes. Built-in analytics provide real-time insights and enhance surveillance capabilities.



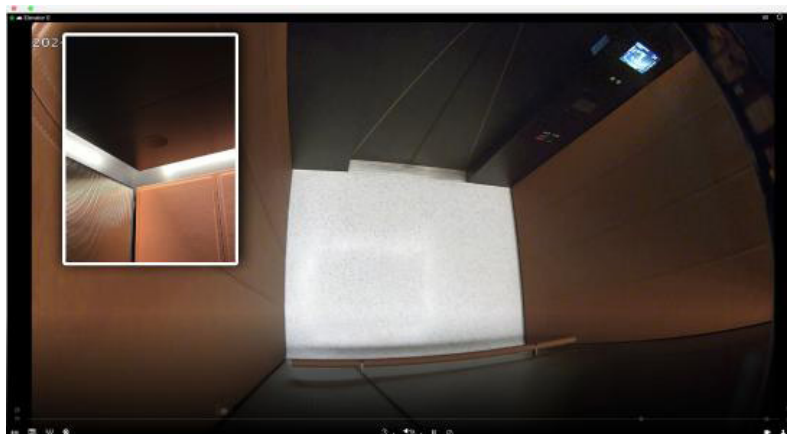
Destination Dispatch Elevator Terminal

The Person Reader functions as a destination dispatch elevator terminal, allowing users to select their destination floor efficiently. This integration optimizes elevator usage and traffic flow within buildings.



Elevator Video, Voice, and Text Intercom

In emergency situations, the Person Reader serves as a video, voice, and text (VVT) intercom inside elevators. This ensures effective communication and assistance when needed.



Door or Gate Intercom

The Person Reader acts as a door or gate intercom, providing two-way audio and video communication for secure entry management.



Visitor Self or Supervised Check-In

The Person Reader facilitates visitor check-in, either self-service or supervised. Visitors can use QR codes, cards, or mobile credentials to register and gain access, streamlining the visitor management process.



Applications:

- Doors: Enhances convenience and security
- Reception Doors: Provides intercom, visitor management, and convenience
- Turnstiles: Improves traffic flow and security
- Elevators: Supports Destination Dispatch Elevator systems
- Airports: Meets proof of presence requirements
- Server Rooms: Ensures high security with multi-factor authentication
- Data Centers: Provides robust security for sensitive areas
- Residential: Offers intercom functionality and convenience
- Hospitals: Facilitates hands-free, germ-free access and secures prescription drugs
- Schools: Manages visitors, vendors, students, and parents
- Social Services: Provides proof of identity
- Gyms: Verifies membership through identity proof

Technical Specifications:

- Cloud Managed Software and Firmware
- Up to 16 Cameras
- Up to 8 TB of Storage
- 6 NVIDIA SOMs to Choose From
- Built-in Video and Data Analytics
- License Plate Recognition
- Up to 4 Readers, 4 Inputs, 2 Outputs
- Up to 16 SIP Intercoms
- Destination Dispatch Elevators
- Power Management Capabilities
- Low Voltage or POE+ Powers Entire Board and Locks
- Face, Voice, and Name Recognition
- BluBOX Bluetooth/NFC/HF, HID iCLASS®, HID Bluetooth, OSDP
- Open Architecture
- Open API

Drawings:

For detailed drawings and mounting options of the Person Reader models, please refer to the respective links in BluINFO. Below are the available drawings:

- PR2XL-TKE
- PRXL-TKE
- PR2XL3
- PRXLT3
- PRLT3
- PRM3
- PRM1

Person Reader Family



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BluBOX Security, Inc. is a manufacturer and service provider of web-cloud based physical security products. Its BluSKY service delivers enterprise class unified access control, alarm management, video surveillance, biometrics and visitor management on any device, anywhere, any time. Its BluCHIP open hardware platform provides industry standard components and a proprietary line of fully integrated multi-factor, multi-biometric Person Readers.

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