

# BluBOX In-Car Person Reader

## A Modern All-in-One Elevator Security and Mobility Solution

Traditional in-car card readers are limited. They can only read prox or mobile credentials and fail to address the modern needs of elevators — visitor management, biometric identification, intercom, video surveillance, and ride-quality monitoring.

The BluBOX In-Car Person Reader transforms elevators into intelligent, secure, and user-friendly mobility hubs. Combining access control, visitor enablement, intercom, video surveillance, and ride-quality analytics into one device, it reduces cost, complexity, and risk. Over-the-air BluSKY® updates ensure continuous improvement and future-proof operation.



### Key Features

- Supports all credential types (cards, mobile, QR, face, voice, PIN)
- Integrated visitor management via QR codes
- Built-in emergency intercom (voice, video, text)
- In-car video surveillance and recording
- Ride-quality analytics and EMS integration
- Voice commands and natural language processing
- Surface or flush-mount installation
- Dual reader option
- Monthly over-the-air updates
- Cost consolidation (5 devices in 1)

### Key Benefits

- Flexible and inclusive access for tenants, staff, students, residents, and visitors
- Seamless visitor access with floor restrictions, no escorts required
- Enhances safety and compliance without additional hardware
- Provides live monitoring, playback, and forensic evidence
- Improves elevator performance and service scheduling
- Hands-free, accessible floor selection
- Flexible deployment for new and retrofit elevators
- Redundancy and enhanced security
- Future-proof with continuous feature growth
- Lower capex, reduced maintenance, faster ROI

## Detailed Features and Applications:



### Universal Credential Support

The Person Reader supports every credential type: HID prox, high/low frequency cards, Apple/Google Wallet NFC, Bluetooth BLE, QR codes, PINs, facial recognition, and voice biometrics. Users can choose the method that suits them best, creating a flexible, touchless, and inclusive environment.



### Visitor Management with QR Codes

The major shortcoming of traditional in-car readers is visitor handling. The Person Reader solves this with QR code credentials, issued at check-in or in advance. Visitors present their QR in the elevator, and the system grants access only to their authorized floor. This reduces the need for escorts and improves security.



### Integrated Emergency Intercom

Built-in voice, video, and text communication makes the Person Reader a fully functional emergency intercom, supplementing or replacing legacy devices. Passengers can request help instantly, and operators receive both audio and video context.



### In-Car Video Surveillance

An external camera can feed into the Person Reader for local recording and live streaming. Footage is stored inside the car to prevent data loss and simultaneously made available for real-time monitoring and playback.



### Ride-Quality and EMS Integration

Beyond access, the Person Reader connects with elevator management systems (EMS) to monitor ride quality and operational performance. BluSKY analytics detect anomalies, flag service needs, and provide real data for maintenance teams.



### Natural Language Voice Commands

With embedded natural language processing, riders can simply say, “Floor 14” or “Lobby”, and the Person Reader verifies identity and issues the command. This creates a hands-free, accessible experience for all users.



### Flexible Installation Options

The Person Reader can be surface-mounted or flush-mounted behind the car panel. Networking is achieved via Ethernet-to-twisted pair converters over the traveler cable, minimizing installation complexity.



### Dual Reader Option

For maximum redundancy and security, buildings can install two readers per car — one on each side of the panel. This ensures continuous operation even if one device is obstructed or disabled.



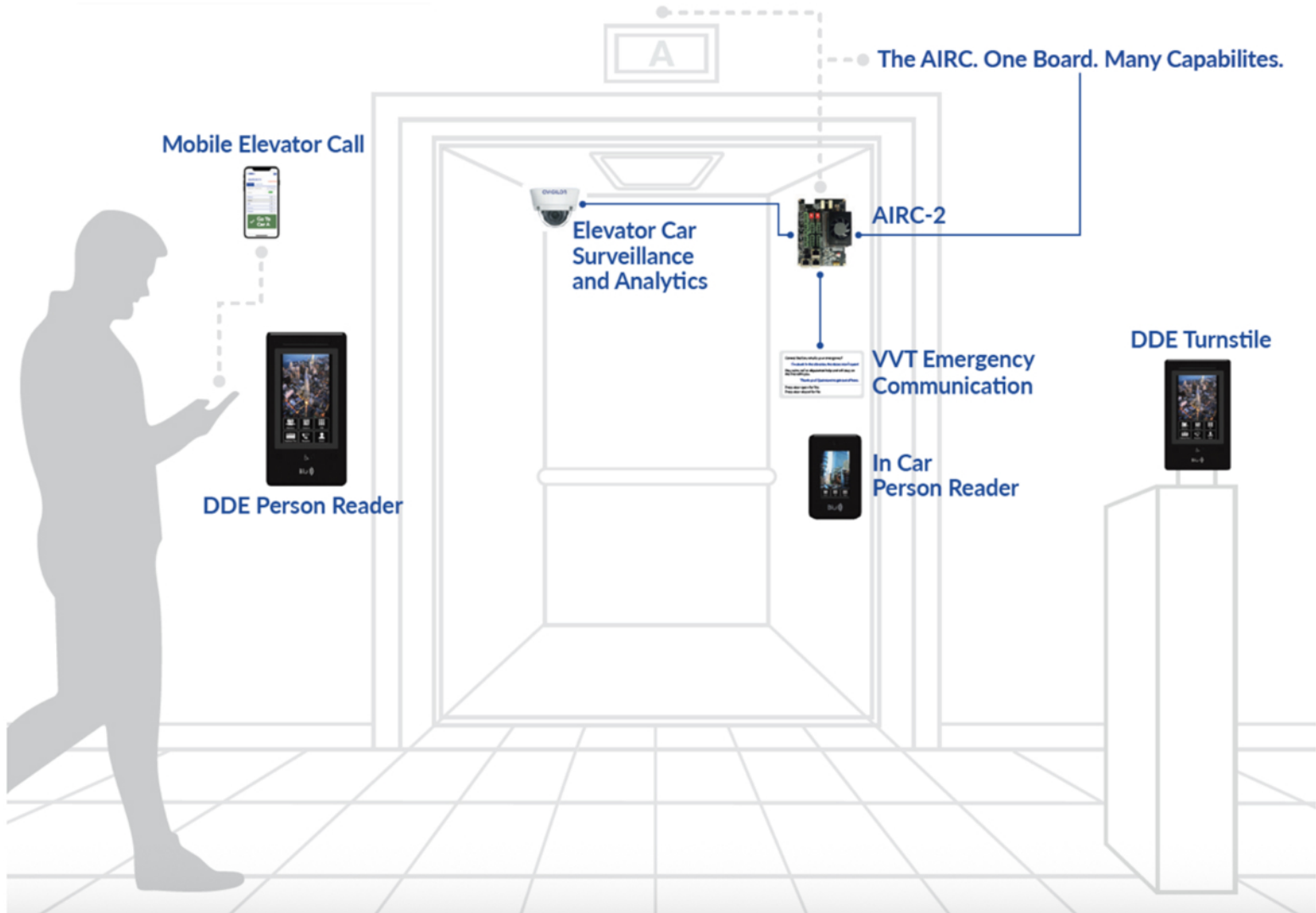
### Over-the-Air Updates

Monthly OTA updates from BluSKY deliver new features, credential types, security patches, and performance improvements — no truck rolls required. The Person Reader only gets better with time, ensuring long-term investment protection.



### Cost Consolidation

Whereas traditional systems require separate card readers, intercoms, cameras, QR scanners, and analytics devices, the Person Reader does it all. This reduces hardware costs, simplifies installation, and cuts ongoing maintenance.



### Summary

The BluBOX In-Car Person Reader is the modern replacement for legacy in-car card readers. It solves the visitor problem, unifies every credential type, integrates intercom and video, delivers ride-quality data, and continuously evolves through BluSKY OTA updates. It’s a future-proof, all-in-one solution that benefits building owners, operations teams, and riders alike — at a fraction of the cost and complexity of piecemeal alternatives.