ACBX Series
Access Control in a Box

FEATURES

- Grade 1 Electric Strike with built-in latchbolt monitoring
- Reader, Controller with APP programmable keypad
- Large capacity Plug-in Power Supply
- Electrical components have extended wires and Molex connectors for fast, reliable installation
- Door Position Sensors (DPS) for wood / metal door and frame; real-time door monitoring that prevents false notification
- Plug-in type BLE/Wi-Fi Gateway supports remote Lock/Unlock via Smart Phone
- APP Enabled RFID on-device enrollment and scheduling eliminates centralized encoders
- APP enabled 4, 6, or 8-digit passcode management with customized schedules
- 3 Types of Passcodes: System-generated and encrypted, user-defined, or one-time code
- Unique Passage and Privacy Mode with automated schedule function
- Customizable User Identity and Access Management (IAM)
- Scalable without expensive server, encoder or monitoring panel
- OTA (Over-The-Air) Firmware Updates

APPLICATION

INOX ACBX "Access Control in a Box" is a comprehensive and innovative solution for Access Control and Access Management. It revolutionizes traditional access systems by seamlessly integrating a Grade 1 Electric Strike, a Smart Reader Controller Keypad, a Wi-Fi gateway, door position sensors and a Plug-in Power Supply.

This thoughtfully designed package empowers users to upgrade their existing door systems, enabling convenient electronic unlocking and locking, both remotely and on-site; reducing the risks associated with lost or stolen keys.

This package offers a seamless access control experience with its integrated components. Users can easily monitor door position and deadbolt status in real-time, receive notifications, and customize user roles, permissions, and access levels. From granting or revoking access to scheduling privacy or passage mode, this advanced solution enhances security while providing unparalleled convenience in access management.

ITEM CODE

AX-SC1 Cylindrical Strike Box
AX-SM1 Mortise Strike Box
AX-SR1 RIM Exit Device Box

BOX OPTIONS

AX-SC1
Cylindrical Strike Box

Plug-in Gateway

RFID Fobs & Stickers

Grade 1 Electric Strike
for Cylindrical Locksets

Reader-Controller with
Digital Keypad

Plug-in power with
3 Molex connectors

Door Position Sensor (DPS) for
Wood & Metal Doors & Frames

AX-SM1
Mortise Strike Box

Plug-in Gateway

RFID Fobs & Stickers

Grade 1 Electric Strike
for Mortise Locksets

Reader-Controller with
Digital Keypad

Plug-in power with
3 Molex connectors

Door Position Sensor (DPS) for
Wood & Metal Doors & Frames

AX-SR1
RIM Exit Device Box

Plug-in Gateway

RFID Fobs & Stickers

Grade 1 Electric Strike
for RIM Exit Device

Reader-Controller with
Digital Keypad

Plug-in power with
3 Molex connectors

Door Position Sensor (DPS) for
Wood & Metal Doors & Frames

INOXSmart | www.inoxsmart.com

WHAT'S INCLUDED IN THE BOX

| Image	Description	Specification
	Grade 1 Electric Strike for Cylindrical Locksets **SC1**	• Voltage 12/24V AC/DC • Current draw 260mA at 12V DC / 150mA at 24V DC • 250K UL verified endurance cycle testing • Dynamic strength of 70ft-lbs • Static hold force of 1500 lbs
	Grade 1 Electric Strike for Mortise Locksets **SM1**	• Voltage 12/24V AC/DC • Current draw 260mA at 12V DC / 150mA at 24V DC • 250K UL verified endurance cycle testing • 3HR fire rated: UL10C/CAN4-S104 (fail secure only) • Latch bolt monitor: SPDT 100mA @ 24V DC
	Grade 1 Electric Strike for RIM Exit Device **SR1**	• Voltage 12/24V AC/DC • Current draw 560mA at 12V DC / 280mA at 24V DC • 250K UL verified endurance cycle testing • 3HR fire rated: UL10C/CAN4-S104 (fail secure only) • Latch bolt monitor: SPDT 100mA @ 24V DC
BK AL	Reader / Controller with digital keypad	• Voltage 12/24V AC/DC • Current draw 80mA at 12V and 40mA at 24V • Reading Range of 3/4" to 2-1/4" • Pin length: 4 ~ 8 digits • RFID Mifare 13.56MHz
	Plug-in Gateway	• Plug-in 110V Outlet • Supports up to 128 devices simultaneously • Range: Clear line of sight at 55' / through two walls is 20'
	Door Position Sensor (DPS) for metal doors and frames	• Voltage 100V AC/DC • Current draw 0.5mA • Reading Range of 1" to 1-3/8"
	Door Position Sensor (DPS) for wood doors and frames	• Voltage 100V AC/DC • Current draw 0.5mA • Reading Range of 1/2" to 1"
	Plug-in Power with 3 Molex connectors	• Plugs into any standard 110V outlet • Comes standard with 3 Molex connectors • DC Power Cord is 6.5 feet • Power up to 1 AMP

APP CAPABILITIES

- Multi-level user Access and Permission Management
- Remote Locking and Unlocking via BLE/Wi-Fi gateway
- Device Management and Personalization
- Passage and Privacy Mode: One-Time and Scheduled
- Bluetooth & RFID Locking and Unlocking
- Global Search function

- Account Management and Settings
- Property and Door Information Management
- Cloud-Based Encrypted Authentication
- 2-step Verification Available for Added Security
- Audit Trail Shows All Lock/Unlock Activity
- App and Web-based solutions
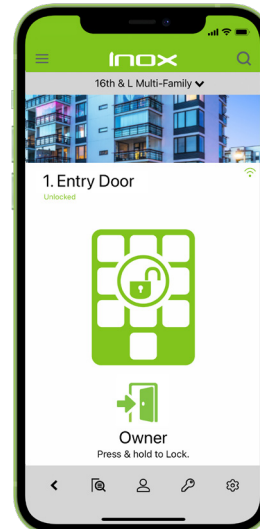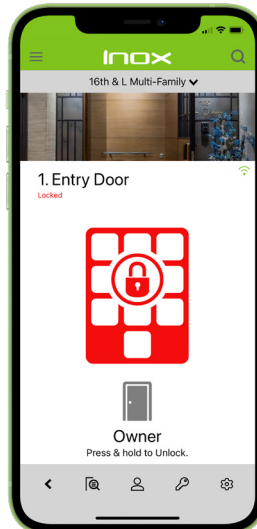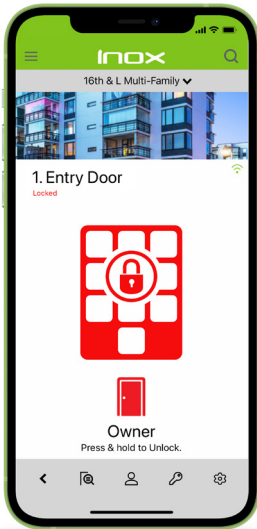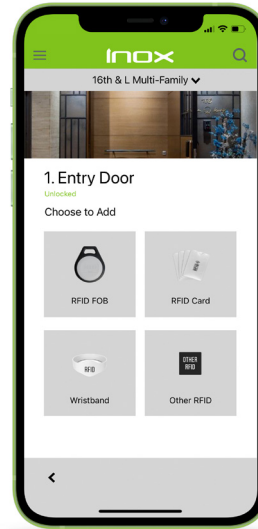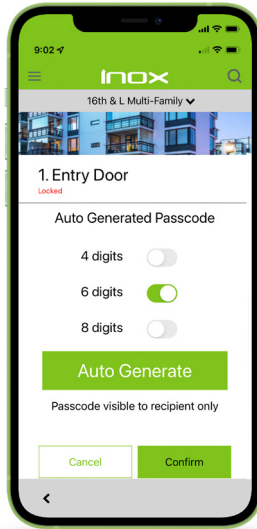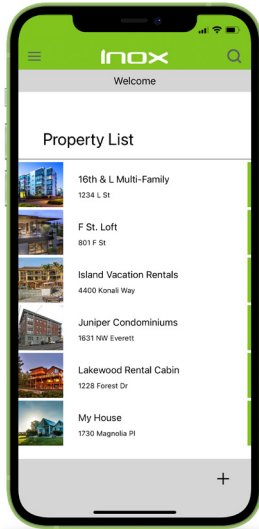
Download the INOX SMART App

www.inoxsmart.com