

AX7001

SMART READER CONTROLLER KIT

This thoughtfully designed package empowers users to upgrade their existing door systems, enabling convenient electronic unlocking and locking, both remotely and on-site.



TECHNOLOGY



Wi-fi



Bluetooth



RFID Card



Mobile Access



Cloud-Based



Wiegand

ITEM CODES

AX7001-B300 Smart Reader Controller

FEATURES

- Comes with one ISK-B300 (Smart Reader / Controller), one Wi-fi Gateway, pair of Door Position Sensors, RFID Fobs & Stickers, and one Plug-in Power Supply
- Convenient electronic locking/unlocking both remotely and on-site, reducing risk of lost keys
- Offers a seamless access control experience with its integrated components
- Easily monitor door position and set scheduled privacy and passage modes
- Cloud-based Access Control with unlimited scalability with real-time updates and seamless integration

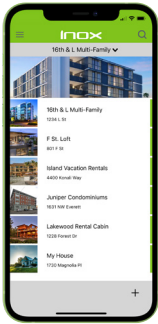
B300 SPECIFICATIONS

Keypad	Backlit Digital Touchscreen
Style	Mullion
Frequency	125KHz / 13.56MHz
Input Voltage	12/24 V DC
RF Output	13.56MHz or 125kHz (reader) 26-Bit Wiegand
Read Interface	EM / Mifare
Read Range	~3/4" to 2-1/2"
Working Current	<80mA (12V) ~ <40mA (24V)
Idle Current	<30mA (12V) ~ <20mA (24V)
Pin Length	4-8 digits
User Capacity	2000 Total (1000 RFID/Passcode + 1000 Mobile)
Working Humidity	0% to 98%
Working Temp.	-20°F to 140°F
Dimensions	5-7/8" x 1-3/4" x 7/8" (150mm x 44mm x 22mm)
Material	Die Cast Metal

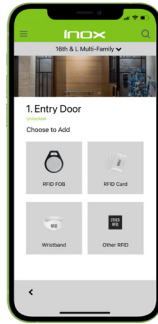
SMART MULTI-CREDENTIAL READER CONTROLLER KIT

IMAGE	DESCRIPTION	SPECIFICATIONS
	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~220V Outlet (110V US outlet) • For best performance/reliability, connect up to 2 devices. • Range: Keep gateway within 10 ft of router and lock. • (If obstacles are present, reduce distance to 6 ft.)
	Door Position Sensor (DPS) (Left: Wood doors) (Right: Metal doors)	• Voltage 100V AC/DC • Current draw 0.5mA • Wood doors: Reading Range of 1/2" to 1" • Metal doors: Reading Range of 1" to 1-3/8"
	Plug-in power with 3 Molex connectors	• Plug into any standard 110V outlet • Comes standard with 3 Molex connectors • DC Power Cord is 6.5 feet • Power up to 1 AMP
	RFID FOBs and Stickers	• For use with 13.56MhZ RFID Reader • Needs no additional encoder equipment • Add, edit or remove credentials through App • Assign permissions with customized schedules

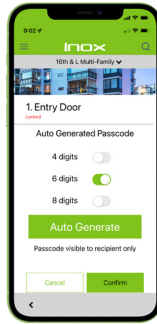
MOBILE FUNCTIONS



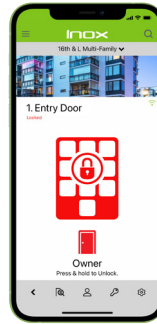
Property Management



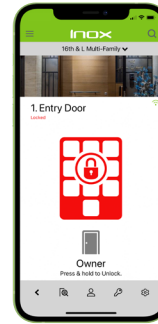
Add RFID Key



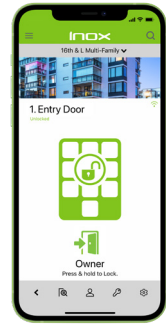
Generate Passcode



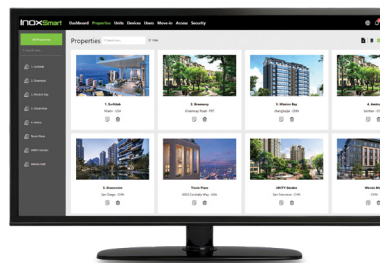
Privacy Mode Enabled



Locked Status



Passage Mode Enabled



Web Portal

APP CAPABILITIES

User Capacity for Reader: 2000 users (1000 RFID/1000 Mobile)

Supports multi-credential access with High Frequency RFID 13.56 MHz cards, FOBs, wristbands, and smartphones

Remote Locking and Unlocking via BLE/Wi-Fi gateway

Audit trails with 100,000 records shows all Lock and Unlock activities

Add, remove, edit, and schedule RFID credentials/user access down to the exact hour/min
Passcode option on Keypad (4, 6, 8 digit passcode length)

Door positioning sensor (DPS) w/ optional cloud monitoring features available on the App

Supports three types of Keypad passcodes: auto-generated, user-defined, and 24-hour one-time validation codes

Property and Door Information Management & Cloud-Based Encrypted Authentication

2-Step Verification Available for Added Security

Over The Air (OTA) Firmware Updates

Notification on locking abnormalities and battery level

Global search function with App and web-based solutions

Filter property user lists by active or inactive status to view permission

Control multiple locks in the same space, expanding beyond previous single-lock limitation



Download the INOX Smart App today!

