

## 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


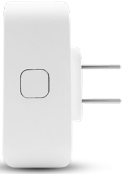



#### FEATURES

- 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

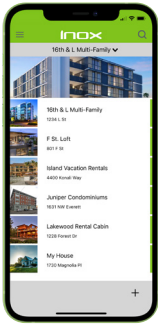
#### B300 SPECIFICATIONS

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

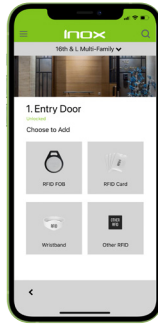
## SMART MULTI-CREDENTIAL READER CONTROLLER KIT

IMAGE	DESCRIPTION	SPECIFICATIONS
	Reader / Controller with Digital Keypad	<ul style="list-style-type: none"> <li>• Voltage 12/24V AC/DC</li> <li>• Current draw 80mA at 12V and 40mA at 24V</li> <li>• Reading Range of 3/4" to 2-1/4"</li> <li>• Pin length; 4 ~ 8 digits</li> <li>• RFID Mifare 13.56MHz</li> </ul>
	Plug-in Gateway	<ul style="list-style-type: none"> <li>• Plug-in 110V Outlet</li> <li>• Supports up to 128 devices simultaneously</li> <li>• Range: 30 feet with a clear line of sight</li> </ul>
	Door Position Sensor (DPS) (Left: Wood doors) (Right: Metal doors)	<ul style="list-style-type: none"> <li>• Voltage 100V AC/DC</li> <li>• Current draw 0.5mA</li> <li>• Wood doors: Reading Range of 1/2" to 1"</li> <li>• Metal doors: Reading Range of 1" to 1-3/8"</li> </ul>
	Plug-in power with 3 Molex connectors	<ul style="list-style-type: none"> <li>• Plug into any standard 110V outlet</li> <li>• Comes standard with 3 Molex connectors</li> <li>• DC Power Cord is 6.5 feet</li> <li>• Power up to 1 AMP</li> </ul>
	RFID FOBs and Stickers	<ul style="list-style-type: none"> <li>• For use with 13.56MhZ RFID Reader</li> <li>• Needs no additional encoder equipment</li> <li>• Add, edit or remove credentials through App</li> <li>• Assign permissions with customized schedules</li> </ul>

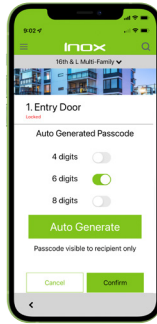
## MOBILE FUNCTIONS



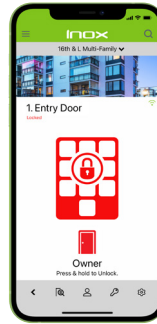
Property Management



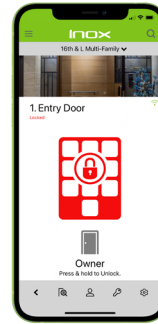
Add RFID Key



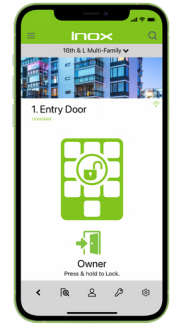
Generate Passcode



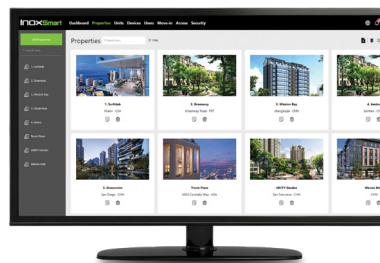
Privacy Mode Enabled



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!

