



ISK-B300

An All-inclusive Multi-credential Reader-Controller with Keypad and Remote Monitoring

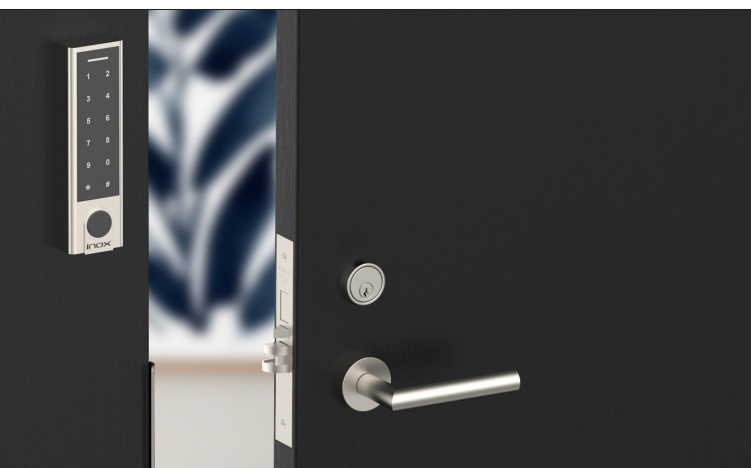
APPLICATION

The INOX ISK-B300 Smart Keypad is designed for high frequency openings and can connect to any hardwired electrified door hardware.

These openings might include: building entry, emergency exit, pool gate, gym, or laundry room. The Smart Keypad is the perfect solution across commercial, residential, mixed-use, hospitality and residential applications.

FEATURES

- A Bluetooth-enabled RFID reader
- An Online or Offline-capable Cloud-connected RFID reader
- A RFID registration / enrollment device
- A Smart Relay Controller
- A Smart Remote Monitor
- An IAM (Integrated Access Control) Unit
- Passage Mode: Enjoy free access during scheduled periods
- Privacy Mode: Keep privacy and security when needed
- Real-time Audit trail and backup email
- Modern, water-resistant indoor/outdoor touchscreen keypad with IP66 rating
- Part of the INOX Smart Ecosystem that supports unlimited properties, doors and devices



ITEM CODE

- **ISK-B300-BK** [Black]
- **ISK-B300-AL** [Aluminum]



FEATURES & FUNCTIONS

Bluetooth Reader with Digital Keypad



- Communicates with smartphone, Wi-Fi gateway or POE gateway through low energy Bluetooth technology
- Supports 1000 mobile credentials per device and 1000 RFID or Passcodes credentials or APP programmable passcodes
- Authorized users can create, edit, or remove three types of passcodes - system-generated, user-defined, or one-time passcodes - from the intuitive INOX Smart APP

Online and Offline RFID reader



- Supports secure 13.56MHz RFID such as FOB, Cards or Wristband
- Authorized users can add, edit or remove RFID credentials through the Inox Smart App
- Operates offline by storing authorized credentials locally, making it a more robust solution for environments with intermittent network connectivity

RFID Registration and Enrollment Device



- The ISK-B300 is an RFID registration/enrollment device
- Registers new RFID cards or FOB without requiring additional encoder equipment
- Associates the RFIDs with permissions and customized schedules in a cloud-based database
- Authorized users can remove or edit RFID information on the cloud and devices using INOX Smart APP

Smart Relay Controller



- The ISK-B300 comes equipped with a built-in SPDT relay that has a programmable hold delay
- It seamlessly integrates with various access control hardware such as electrified mortise locks, cylindrical locks, electrified exit device trim, electric strikes, and maglocks
- The relay hold time is adjustable via the app, ranging from 5 seconds to 5 minutes, which supports ADA accessibility

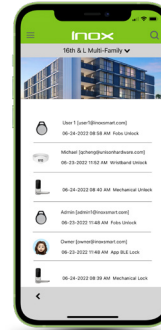
FEATURES & FUNCTIONS

Smart Monitoring



- The ISK-B300 features a built-in door positioning sensor (DPS) that detects the door open/close status, and a deadbolt/latch bolt monitoring sensor (DBM) that ensures proper and secure closure
- Real-time monitoring of door status and notifications/alerts for any irregularities or security breaches

Real-time Audit Trail



- The ISK-B300 tracks and records all access attempts, including mechanical unlocking action
- Records include information about who accessed the area or resource, when, and with which credentials
- Stores up to 1000 records and allows for easy emailing to authorized users

Customizable Passage and Privacy Mode

- Passage mode allows free opening and closing of door
- Privacy mode disables external access for enhanced security
- One-time or recurring scheduled access mode enhanced convenience and strengthen security

Integrated IAM Tool

- The ISK-B300 has built-in identity and access management (IAM) tools, which enable the implementation of policies for controlling access to physical spaces
- These tools allow for the customization and management of user accounts by assigning permissions with access levels based on user roles
- Tailored to fit specific access control requirement for different properties and market verticals

Modern Mullion style

- Indoor/Outdoor touchscreen with IP66 water resistance
- Water and dust resistant
- Sleek and stylish design
- Modern touchscreen keypad
- Robust casted metal construction
- Molex connector for easy and reliable installation

INOX Smart: An Integrated and Scalable Access Management System

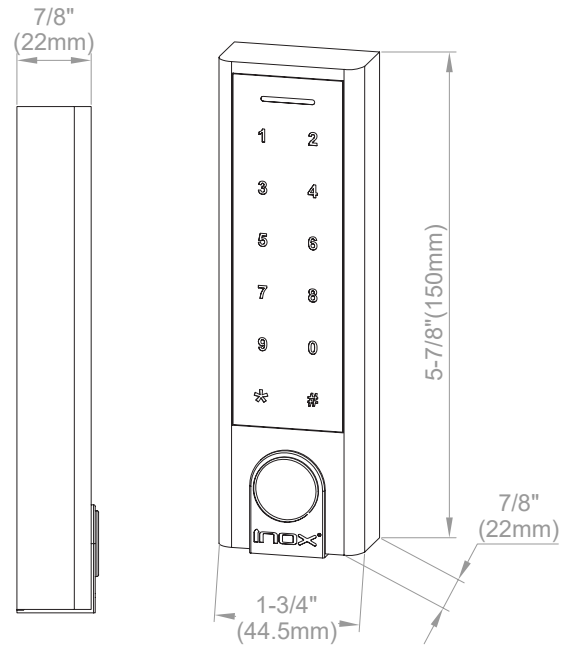
- The ISK-B300 can seamlessly integrate with any electrified locking solutions from mortise locks to exit devices, providing a total access solution for any commercial properties
- The ISK-B300 is part of INOX Smart, a scalable and adaptable system supporting managing access control across multiple properties, devices and users

ISK-B300 NARROW STILE SMART READER CONTROLLER WITH KEYPAD

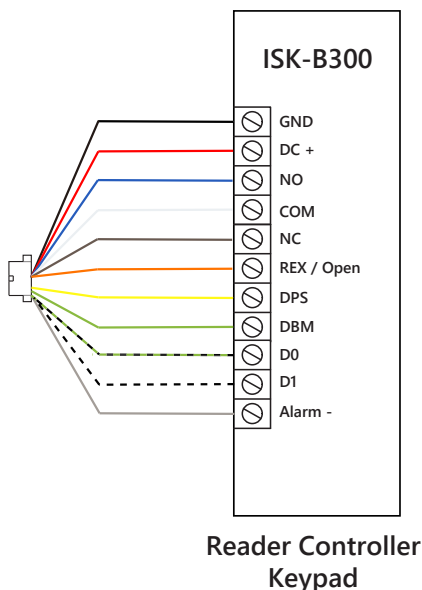
SPECIFICATIONS

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 RF/Passcode + 1000 Mobile)
Working Humidity	0% to 98%
Working Temperature	-20° F to 140° F
Dimension	5-7/8" x 1-3/4" x 7/8" 150mm x 44mm x 22mm
Material	Die Cast Metal

DIMENSIONS



WIRING DIAGRAM



Wire Color	Function	Notes
Basic Standalone Wiring		
Red	DC+	12-24V DC Power Input
Black	GND	Negative Pole of DC Power Input
Blue	Relay NO	Normally Open Relay Output (install diode provided)
White	Relay Common	Common Connection for Relay Output
Brown	Relay NC	Normally Closed Relay Output (install diode provided)
Orange	REX/Open	Request to Exit (REX) Input
Pass-Through Wiring (Wiegand Reader or Controller)		
Green/Black	Data 0	Wiegand Output (Pass-Through) Data 0
White/Black	Data 1	Wiegand Output (Pass-Through) Data 1
Advanced Input and Output Features		
Grey	Alarm Output	Negative contact for Alarm
Yellow	DPS Input	Door/Gate Contact Input (Normally Closed)
Green	DBM Input	Deadbolt Open Detection Input