

SmartProx READERS



INID SmartProx readers

INID SmartProx readers serve customers that have a need to support multiple Low Frequency (LF) proximity credentials, and customers, with only one single reader. The SmartProx reader supports most of the popular 125 kHz proximity card types available on the market, while still being easy to configure. Using simple dip switch settings, card type and output protocols are selected.

The SmartProx feature of supporting all existing LF coding methods including: ASK (Amplitude Shift Keying), PSK (Phase Shift Keying), and FSK (Frequency Shift Keying), provides a unique and valuable benefit. This unique flexibility makes the SmartProx reader the only LF reader you need to cover your entire proximity access control market, minimizing inventory and maximizing profits.

Technologies

INID SmartProx readers support most popular credentials including:

- EM4002/EM4102
- Hitag 1 & Hitag 2
- Credentials programmed for HID® and AWID® LF Proximity readers.

SmartProx PIN readers

INID SmartProx readers with PIN keypad provide a 3 x 4 matrix keypad in a mullion style housing with back lighted symbols. The lighting is started by either pressing any key or presenting a card. PIN code entry is configurable from one to twelve characters in a PIN code string. Key encoding is provided by predefined key tables. The back lighted feature allows for installation and use in low-light environments.

Output protocols

INID SmartProx readers provide added flexibility by supporting multiple interfaces including: Wiegand, Clock & Data ABA track II, TTL, RS485, RS422: see (Protocol interfaces and models).

In the United States contact IQ Devices

www.iqdevices.com

www.inid-readers.com



TECHNICAL SPECIFICATIONS



Power supply			
Voltage range	7.5– 20 Volt DC		
Power consumption	INID SmartProx	900 mW (average)	1440 mW (peak)
	INID SmartProx PIN	900 mW (average)	1740 mW (peak)
Current consumption @ 12 V DC	INID SmartProx	75 mA (average)	120 mA (peak)
	INID SmartProx PIN	75 mA (average)	145 mA (peak)

Environment	
Usage	Indoor and outdoor
Humidity	0 – 95% non condensing
Temperature	-25 to +65 °C / -15 to 150 °F
Protection class	IP54

Mechanical	
Dimensions	143x46x25 mm / 5.63"x1.8"x1"
Materials	UL94 V0 LEXAN

Technologies	
LF-Prox	HID® Prox, AWID®, EM4102 and Hitag

Protocol interfaces and models			
		PIN	
Wiegand	Active driven 0 - 5 VDC	500-5200	500-5240
Clock and Data			
TTL serial	0 – 5 Volt levels		
RS485/RS422	Separate model	500-5210	500-5250

User feedback	
Bi-color LED bar	Single bar red or green
Sounder	Multi-tone

Security features	
Key store	Per reader uniquely encrypted key storage

Installation	
Connections	Non detachable 6 terminal screw connector
Mounting	Two piece housing, front with electronics and wall mounting plate

PIN model specific	
Actuators	Mechanical switch
Actions	1.000.000 times minimum
Indicators	Back lighted symbols, sound and LED bar action

Compliance	
Listings	CE, FCC pending

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INID cares for the environment, we design our products to be durable and suitable for complete recycling. Our aim is to provide a cradle to cradle life cycle.

INID SmartProx datasheet December 2013

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