

# 27 Series

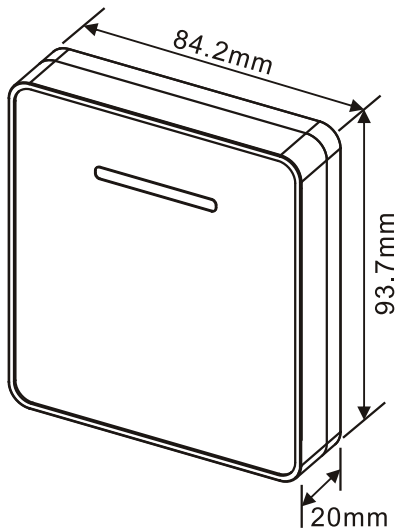
## InRange Access Control Readers

InRANGE™ is IPIXA SECURITY's exclusive line of physical access control readers that is defining a new industry benchmark for the most versatile, interoperable, and secure approach to physical access control. The improved security, performance, and availability of multiple options allow the end user and his installer to make informed selection and only pay for what they really require.

### Essential Range of Readers

- Multiclass — Support for the widest range of smart credential technologies
- Enhanced Security — Secure cryptographic keys defined by the user
- Choice — The Power to choose OSDP & Mobile credentials

Thanks to its multitude of functionality, InRange Readers enable the user and his installer to define and administer secure credentials of their choice, thereby, putting the end user in control of where he chooses to buy the credentials from.



InRange readers transcend the traditional approach to security by enabling the end users to completely replace the standard proximity cards with the latest smart and secure credentials. This functionality empowers access control systems to push out and remove threats while also embracing the change.



INR40



INR4K

Supports MIFARE DESFire EV1 / EV2 and gives the user the freedom to choose the card vendor

Built in Anti-Collision Algorithm and Elite Secure Credentials

Designed to seamlessly integrate with third party Access Control Systems

OSDP & BLE ( Bluetooth Low Energy ) upon selection

Designed To fit standard electrical gang box without the need of special backbox.



# 27 Series

## InRange Access Control Readers

### Specification

Base Reader Model	INR40	INR4K
2.4 GHz (Bluetooth) Credential Compatibility	Mobile Credential Option Available for INR40M, INR40M-485	Mobile Credential Option Available for , INR4KM, INR4KM-485
13.56 MHz (NFC) Credential Compatibility	MIFARE Classic, MIFARE DESFire EV1/EV2, ISO14443A	
User Defined Elite Keys	Supported for all versions	
Typical Read Range <sup>1</sup>	MIFARE Classic, MIFARE DESFire EV1/EV2 & ISO14443A Single Technology Cards – upto 10 cm	
Mounting	Suited to mount and covers standard electrical single gang switch boxes with mounting options for screws	
Color	Black	
Keypad	No	Yes (3 x 4 layout)
Dimensions (width x length x depth)	3.31 in X 3.68 in X 0.78 in (84.2mm X 93.7mm X 20mm)	
Product Weight	3.35 oz (95 g)	4.94 oz (140 g)
Operating Voltage	12V DC	
Current Draw <sup>3</sup>	Normal Standby Current: 65 mA Peak: 200mA Max. Avg: 125 mA	
Status LED	LED Output: Tri-color LED - Blue, Red, Green	
Operating Temperature & Humidity	-4° F to +158° F (-20° C to +76° C ) 0% to 95% non-condensing	
Storage Temperature	-4° F to +176° F (-40° C to +80° C )	
Environmental Rating	Tested to UL294 standards <sup>2</sup> , Weather proof to IP65 standards	
Transmit Frequency	13.56 MHz, and 2.4 GHz <sup>1</sup>	
Communications & Panel Connection	Wiegand, Clock-and-Data standards	
Certifications	CE	
OSDP V1 / V2 Version Support	OSDP Option Available for INR40-485 , INR40M-485	OSDP Option Available for INR4K-485 , INR4KM-485
Security Layer	Built in Watchdog	
Reader Manager	Self Diagnostic Algorithm	
Housing Materials	Polycarbonate	
ESD Protection	Built in protection upto 2.5 KV electrostatic discharges	
Warranty	Limited Lifetime	

<sup>1</sup> 2.4 GHz is only on the readers that support Mobile Credentials  
<sup>2</sup> Tested in accordance with UL294 standards.



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