

ReaDX

Prox Keypad Reader (30000 Series)



Readx Prox Keypad readers are user friendly, multi-modulation card plus PIN units.

ReaDX



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The ReaDX Prox Keypad reader is a multi-modulation proximity access control reader supporting ASK, FSK and PSK proximity technology formats.

The ReaDX Prox Keypad reader is a card plus PIN reader, used where more security than just card only is required. The keypad allows a cardholder to enter a personal identification number in conjunction with a card giving the same type of security used with automatic teller machines. The keypad reader has a read range of 75mm (3"). The Keypad reader provides a Wiegand output allowing the reader to be used in conjunction with a wide range of access control systems. The transmission technique used between the transponder and the reader is Amplitude Shift Keying (ASK), Frequency Shift Keying (FSK), or Phase

Shift Keying (PSK) at 125kHz. To ensure the readers can be used with a range of cards they support a range of card reader formats being EM-ASK, Casi-Rusco, HID* and Motorola/Indala ASP compatible. Custom and proprietary formats can be engineered on request.

The ReaDX Prox Keypad reader is available in optional data transmission formats. Further data transmission formats may be specified.

The ReaDX Prox Keypad reader has a red LED which invites the user to present their card to the reader. The LED changes to green to indicate the card is read. A sounder within the reader enhances

feedback by generating a sound, denoting the card is successfully read.

To suit a wide range of installation environments the reader housing is available in ReaDX Cool Grey (standard) and ReaDX Charcoal (optional). The reader housing is injection moulded in a high strength, high impact resistant engineering plastic. In addition, the reader electronics are potted with an epoxy resin to enhance their durability.

* HID formats are currently not available in all countries. Please check with your supplier.

ReaDX Prox Keypad Readers



Cool Grey



Charcoal

Product codes

R30000 ReaDX Motorola Keypad Reader, Cool Grey, ASK, FSK, PSK, EM, Casi Rusco, HID, Motorola
R30001 ReaDX HID Keypad Reader, Cool Grey, ASK, FSK, PSK, EM, Casi Rusco, HID, Motorola/Indala ASP

Accessories

R90025 ReaDX Keypad Reader cover, Charcoal

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Technical Specifications ReaDX Keypad Reader 30000 Series

Dimensions	Width	80 mm (3.2")
	Length	130 mm (5.1")
	Depth	46 mm (1.8")

Key pad	Weight	250 g (9 oz)
	Keypad Elastomeric	UV Sealed
	ESD/EMI	10 volts

MTBF	3 million activations
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Power Supply	Voltage	6 – 12 V DC
	Current	95 mA

Temperature Range	-30° to 65°C (-22°F to 149°F)
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Read Range	75 mm (3")
Read Ranges will vary depending on mounting surface, card quality and other RF sources.	

Cable Specifications	Unshielded 18 or 24 AWG
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Max. Cable Length	to controller (using 24 AWG)	60 m (200 feet)
	to controller (using 18 AWG)	150 m (500 feet)

Data Output	Wiegand
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Housing Colour Options	Cool Grey, Charcoal
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Compatible Card Reader Formats

HID Keypad Multi-format	Casi Rusco	ASK
	EM	ASK
	HID	FSK
	Motorola/Indala ASP	PSK
Motorola Keypad Multi-format	Casi Rusco	ASK
	EM	ASK
	HID	FSK
	Motorola/Indala ASP	PSK

Disclaimer:

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In accordance with the Readx policy of continuing development, design and specifications are subject to change without notice.

Contact Readx for a list of approvals and compliance standings.

ReaDX



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