

CanProx Proximity/Keypad Reader

P-640-HA & P-640-HA37 (WALL MOUNT)



The P-640 integrates both a proximity reader and keypad into a single unit making it ideal for applications requiring an access credential and/or personal identification number (PIN). It can also be used as a keypad only. Keypad data is transmitted in either 37-Bit or 26-Bit Wiegand data format.

Application Compact design makes it ideal for applications requiring both a card reader and a keypad, such as door access (metal or plastic wall-box mount), gate entry and parking barriers.

Compatible Wiegand protocol for easy integration with standard access systems.

Versatile Supports leading proximity card and tag technologies.

Performance Delivers non-contact read ranges up to 7 inches (176 mm).

Durable Secured with tamper- and weather-resistant epoxy potting, and backed by a lifetime warranty.

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FEATURES & SPECIFICATIONS

Technology	Proximity
Operating Frequency	125 kHz
Mounting	Metal or plastic US single-gang wall box, as well as flat surfaces
Dimensions	3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
OEM Label Area Dimensions	0.9 x 0.35 inch (22.86 x 8.89 mm), with corner radius of 0.063 inch (1.6 mm)
Weight	4 oz. (113g)
Certification	FCC, ICC, CE, C-Tick, UL Standard 294
IP Code¹	IP67
Voltage²	+5 - 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12VDC
Read Range³	Up to 7 inches (176 mm)
Cabling⁴	24 AWG minimum, multi-conductor stranded with an overall foil shield
Interface	Wiegand
Operating Temperature	-40° F to 149° F (-40° C to +65° C)
Color Options	A black and a white snap-on cover included standard
Audio Tone	Beeper included standard
Indoor & Outdoor Installation	Electronics sealed in weather- and tamper-resistant epoxy potting
Warranty	Limited lifetime warranty
LED	Four-state standard (red, green, amber & off)
Keypad Output⁵	26-Bit Wiegand (P-640-HA) or 37-Bit Wiegand (P-640-HA37)
Technologies Supported	CanProx Proximity Cards and Tags CanProx + HID 125-kHz proximity credentials + AWID 125-kHz proximity credentials

1. Self evaluated.
2. Linear power supplies are recommended for best operation.
3. Using Standard Light Proximity Card with 12VDC at the reader.
4. For example Belden 9535 or similar.
5. Available only on P-640 models; 37-Bit or 26-Bit Wiegand standard.

PART NUMBERS

P-640-HA (26-Bit Wiegand Output)

P-640-HA37 (37-Bit Wiegand Output)