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.

Cansec

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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 Code[1]	IP67
Voltage[2]	+5 - 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12VDC
Read Range[3]	Up to 7 inches (176 mm)
Cabling[4]	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 Output[5]	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)

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