

# CanProx Proximity/Keypad Reader

Cutting edge simplicity®

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

<b>Technology</b>	Proximity
<b>Operating Frequency</b>	125 kHz
<b>Mounting</b>	Metal or plastic US single-gang wall box, as well as flat surfaces
<b>Dimensions</b>	3" W × 4.6" H × 0.75" D (76 mm × 117 mm × 19 mm)
<b>OEM Label Area Dimensions</b>	0.9 x 0.35 inch (22.86 x 8.89 mm), with corner radius of 0.063 inch (1.6 mm)
<b>Weight</b>	4 oz. (113g)
<b>Certification</b>	FCC, ICC, CE, C-Tick, UL Standard 294
<b>IP Code<sup>1</sup></b>	IP67
<b>Voltage<sup>2</sup></b>	+5 - 16 VDC
<b>Current Draw</b>	70 mA typical, 110 mA peak @ 12VDC
<b>Read Range<sup>3</sup></b>	Up to 7 inches (176 mm)
<b>Cabling<sup>4</sup></b>	24 AWG minimum, multi-conductor stranded with an overall foil shield
<b>Interface</b>	Wiegand
<b>Operating Temperature</b>	-40° F to 149° F (-40° C to +65° C)
<b>Color Options</b>	A black and a white snap-on cover included standard
<b>Audio Tone</b>	Beeper included standard
<b>Indoor &amp; Outdoor Installation</b>	Electronics sealed in weather- and tamper-resistant epoxy potting
<b>Warranty</b>	Limited lifetime warranty
<b>LED</b>	Four-state standard (red, green, amber & off)
<b>Keypad Output<sup>5</sup></b>	26-Bit Wiegand (P-640-HA) or 37-Bit Wiegand (P-640-HA37)
<b>Technologies Supported</b>	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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