CanProx Proximity/Keypad Reader

P-620-HA & P-620-HA37 (MULLION MOUNT)

The P-620 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 metal doors, window frames & flat surfaces, 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 5 inches (126 mm).
Durable	Secured with tamper- and weather-resistant epoxy potting, and backed by a lifetime warranty.

Cansec Systems Ltd.

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FEATURES & SPECIFICATIONS

Technology	Proximity
Operating Frequency	125 kHz
Mounting	Mullions, including metal door and window frames, as well as flat surfaces
Dimensions	1.78" W × 6.1" H × 0.91" D (45 mm × 155 mm × 23 mm)
OEM Label Area Dimensions	0.9" W × 0.35" H (22.86 mm × 8.89 mm), with corner radius of 0.063" (1.6 mm)
Weight	4 oz. (113g)
Certification[1]	FCC, ICC, CE, C-Tick, UL Standard 294
IP Code[2]	IP67
Voltage[3]	+5 – 16 VDC
Current Draw	70 mA typical, 110 mA peak @ 12 VDC
Read Range[4]	Up to 5 inches (126 mm)
Cabling[5]	24 AWG minimum, multiconductor 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[6]	26-Bit Wiegand (P-620-HA) or 37-Bit Wiegand (P-620-HA37)
Technologies Supported	CanProx Proximity Cards and Tags
	CanProx + HID® 125-kHz proximity credentials + AWID® 125-kHz proximity credentials

1. *Certifications are pending.*
2. *Self evaluated.*
3. *Linear power supplies are recommended for best operation.*
4. *Using Standard Light Proximity Card with 12VDC at the reader.*
5. *For example Belden 9535 or similar.*
6. *Available only on P-620 models; 37-Bit or 26-Bit Wiegand standard.*

PART NUMBERS

P-620-HA (26-Bit Wiegand Output)
P-620-HA37 (37-Bit Wiegand Output)

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