



Description

The Mircom TX3-P640-H-A proximity keypad is designed for higher security applications where both a PIN number and a credential is required for authentication.

The keypad readily mounts to any single gang electrical box.

A Wiegand protocol ensures compatibility to all standard access control systems.

Features/Benefits

- Full keypad illumination
 - When the keypad is touched or a card is presented, all the keys are backlit illuminated for easy locating the specific key to press in complete darkness.
 - When a proximity card or tag is presented the keypad will confirm the ID credential exchange by both an audible beep and flashing green LED.
 - Both the piezo and LED can be individually controlled by the access control panel.
- Dual Format
 - The proximity reader can be configured for 8 bit burst or Wiegand format.
- Indoor or Outdoor housing
 - The keypad is designed to be used in outdoor hostile environments or interior applications where esthetics are important.
- Low Power
 - Save power by using the keypad's low power requirements. Under 70 mA typical.

Specifications

Technology:	Proximity	Operating Frequency:	125 kHz
Mounting:	Metal or plastic US single-gang wall box, as well as flat surfaces	Dimensions (HxWxD):	4.6 x 3 x 0.4 inches (116 x 77 x 10 mm)
Certifications:	FCC, ICC, CE, C-Tick	Weight:	4 oz. (113g)
Power Supply¹:	+5 - 16 VDC	IP Code:	IP67 ³
Read Range²:	Up to 8 inches (203 mm)	Current Draw:	70 mA typical, 110 mA peak @ 12VDC
Interface:	Wiegand	Cabling⁴:	24 AWG minimum, multi-conductor stranded with an overall foil shield
Color Options:	A black and a white snap-on cover included standard	Operating Temperature:	-40° F to 149° F (-40° C to +65° C)
Indoor & Outdoor Installation:	Electronics sealed in weather- and tamper-resistant epoxy potting	Audio Tone:	Beeper included standard
LED:	Four-state standard (red, green, amber & off)	Warranty:	Limited lifetime warranty
		Keypad Output:	Wiegand or 8-bit burst. Must use the programming card to configure

Ordering Information

Model	Description
TX3-P640-H-A	Proximity Keypad Reader

Technologies Supported:

HID 125-kHz proximity credentials⁵

AWID 125-kHz proximity credentials⁶

¹ Linear power supplies are recommended for best operation.

² Using Standard Light Proximity Card with 12VDC at the reader.

³ Self certified

⁴ For example Belden 9535 or similar.

⁵ Examples include, but are not limited to, ProxCard® II, ISOProx® II and ProxKey® II.

⁶ Examples include, but are not limited to, CS Prox Card, GR (ISO) Graphics Quality Prox Card and KT Key Tag.

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Canada

25 Interchange Way
Vaughan, Ontario L4K 5W3
Telephone: (905) 660-4655
Fax: (905) 660-4113

U.S.A.

4575 Witmer Industrial Estates
Niagara Falls, NY 14305
Toll Free: (888) 660-4655
Fax Toll Free: (888) 660-4113

Web page: <http://www.mircom.com> Email: mail@mircom.com

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