



## 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

<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 (HxWxD):</b>	4.6 x 3 x 0.4 inches (116 x 77 x 10 mm)
<b>Certifications:</b>	FCC, ICC, CE, C-Tick	<b>Weight:</b>	4 oz. (113g)
<b>Power Supply<sup>1</sup>:</b>	+5 - 16 VDC	<b>IP Code:</b>	IP67 <sup>3</sup>
<b>Read Range<sup>2</sup>:</b>	Up to 8 inches (203 mm)	<b>Current Draw:</b>	70 mA typical, 110 mA peak @ 12VDC
<b>Interface:</b>	Wiegand	<b>Cabling<sup>4</sup>:</b>	24 AWG minimum, multi-conductor stranded with an overall foil shield
<b>Color Options:</b>	A black and a white snap-on cover included standard	<b>Operating Temperature:</b>	-40° F to 149° F (-40° C to +65° C)
<b>Indoor &amp; Outdoor Installation:</b>	Electronics sealed in weather- and tamper-resistant epoxy potting	<b>Audio Tone:</b>	Beeper included standard
<b>LED:</b>	Four-state standard (red, green, amber & off)	<b>Warranty:</b>	Limited lifetime warranty
		<b>Keypad Output:</b>	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 credentials<sup>5</sup>

AWID 125-kHz proximity credentials<sup>6</sup>

<sup>1</sup> Linear power supplies are recommended for best operation.

<sup>2</sup> Using Standard Light Proximity Card with 12VDC at the reader.

<sup>3</sup> Self certified

<sup>4</sup> For example Belden 9535 or similar.

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

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

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