



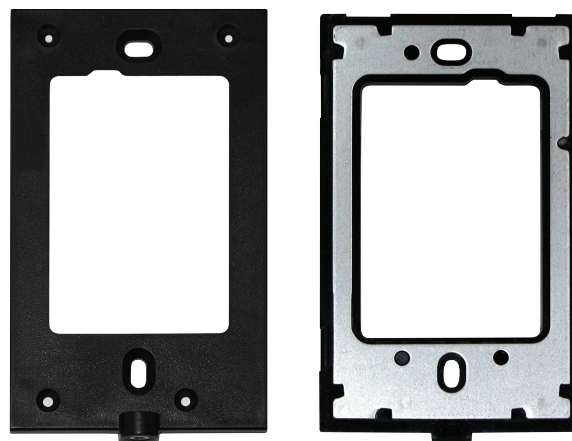
Description

The latest addition to the TX3 family of access control units, the TX3-CX-1 has all the features for an entry level access control application with the flexibility for scalability. An innovative PoE controller with a built-in proximity reader that can be used stand alone or networked using either RS-485 or TCP/IP.

- **Simplicity** – Simply mount onto a single gang electrical box and connect CAT-5/6 cable for both power and network communication.
- **Flexibility** – Power the TX3-CX-1 by either 12 VDC, 24 to 48VDC or PoE. Network the controller by RS-485 or TCP/IP.
- **Versatile** – The controller has a built-in 125 KHz proximity reader for interior applications. Any second Wiegand card reader can be added for outside the door.
- **Scalable** – The TX3-CX-1 may be used stand alone or networked to other Tx3 platform devices for up to 63 nodes, if using the RS-485 network. Essentially no limit if TCP/IP is used.

Feature/Benefits

- 5,000 Users
- Programming – local via USB or remotely via TCP/IP
- Supports two card readers; one built-in and one external optional Wiegand reader.
- Tamper detection for controller and communication cable cut.
- Two Form C programmable relays; 24V AC/DC, 2 amp.
- Four supervised inputs EOL; Battery Back-up trouble, Request to exit, Door position switch, general purpose.
- Temperature Range: 0° to 40° Celcius (32° to 104° Fahrenheit)
- Visual LED diagnostics: Trouble, Alarm, Access granted, Access denied
- Supported Card Formats: 26-bit Wiegand and any generic Wiegand
- 12 V/500mA max. solid state output for DC door strikes
- Metal reinforced mounting bracket to ensure proper alignment when fastening the secure screw



Mounting Bracket

Front

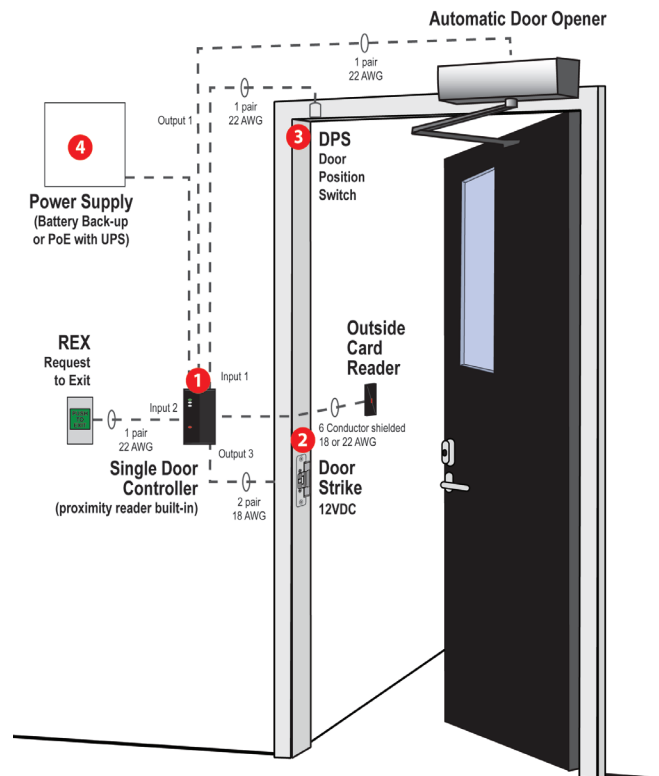
Back

Specifications

Maximum number of doors	Unlimited, 63 per RS-485 loop
Power	12VDC, 24 to 48 VDC or PoE, 15 watts
# of relays	2
# of inputs	4
# of power outputs	1
# of card readers	1 built in, one optional
Size	4 3/4"(h) x 3" (w) x 1.5" (d)
Mounting requirements	Single gang electrical box

- 1 TX3-CX-1 Single Door Controller** fits onto single gang electrical box
- 2 Electric Door Strike** preferably with a built-in door position switch
- 3 Door position switch**
- 4 Power Supply** with or without battery backup

Typical Network Diagram



Ordering Information

Model	Description
TX3-CX-1	Single Door Controller
Proximity Readers	
TX3-P300-HA	Mini Mullion Mount Reader, 3.2" x 1.7" x 0.7"
TX3-P500-HA	Single Gang Proximity Reader, 4.6" x 3" x 0.4"
TX3-P640-H-A	Illuminated Proximity Keypad Reader supports HID and AWID, mounts onto a single gang box
Proximity Cards & Key Tags	
CS-MIR-0-0	Clam Shell Proximity Card Must be ordered in blocks of 25
KT-MIR-0-0	Key Tag Must be ordered in blocks of 10
KT-MIR-0-37	Keytag, Mircom Format (MUST ORDER IN GROUPS OF 10)
GR-MIR-H-26	Graphic Card, 26 bit, HID supported (packed in groups of 50)
GR-MIR-H-37	Mircom format GRAPHIC CARDS (packed in groups of 50)
TX3-PDT-H-37	Prox Disc Tag, HID 125kHz prox protocol supported, Mircom format
PW-MIR-0-0	Proximity Wafer with adhesive backing. One inch diameter (2.54 cm) diameter. Packaged in groups of 10

NOT TO BE USED FOR INSTALLATION PURPOSES.



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