ACCESS

[TX3] Series
ACCESS CONTROL

TX3 Single Door Controller

Simplifying Access Control

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.

- **Simple** – Simply mount onto a single gang electrical box and connect CAT-5/6 cable for both power and network communication.

- **Flexible** – Power the TX3-CX-1 by either 12 VDC, 24 to 48 VDC 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 of 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.

PoE   UL LISTED

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Features

- 7500 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; Battery Back-up trouble, Request to exit, Door position switch, general purpose

- Temperature Range: 0° to 40° C (32° to 104° F)

- Visual LED diagnostics: Trouble, Alarm, Access granted, Access denied

- Support most common Wiegand card formats such as 26-bit, 32, 35, 37 and 50 bit and more

- 12 V/500mA max. solid state output for DC door strikes

- Metal reinforced mounting bracket to ensure proper alignment when fastening the secure screw
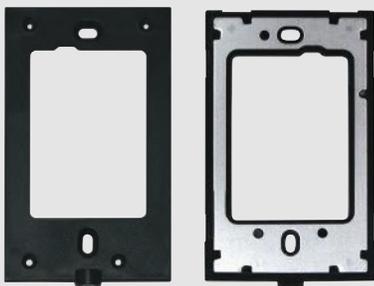
Mounting Bracket

Front   Back

Typical Network Diagram
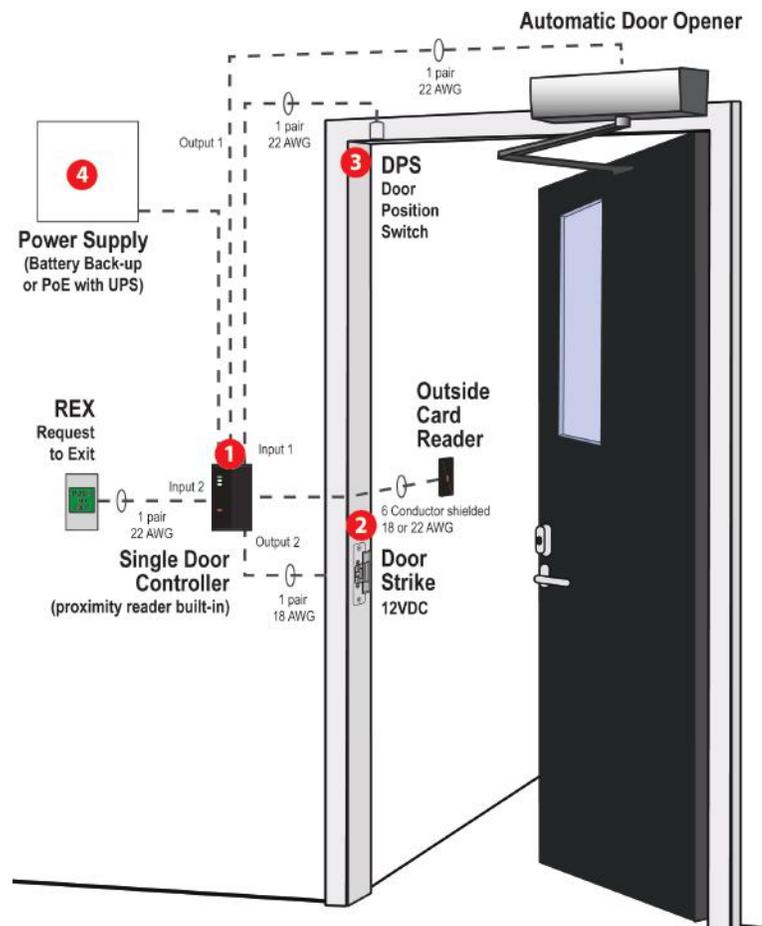
❶ **TX3-CX-1 Single Door Controller** fits onto single gang electrical box

❷ **Electric Door Strike** preferably with a built-in door position switch

❸ **Door position switch**

❹ **Power Supply** with or without battery backup

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1.888.660.4655
or visit **Mircom**.com