



Description

The TX3 IP Wiegand Module is an optional interface module that enables seamless integration between Mircom’s TX3 T Series Touch Video Intercom Systems (such as TX3 T10) and any Wiegand compatible third party access control system.

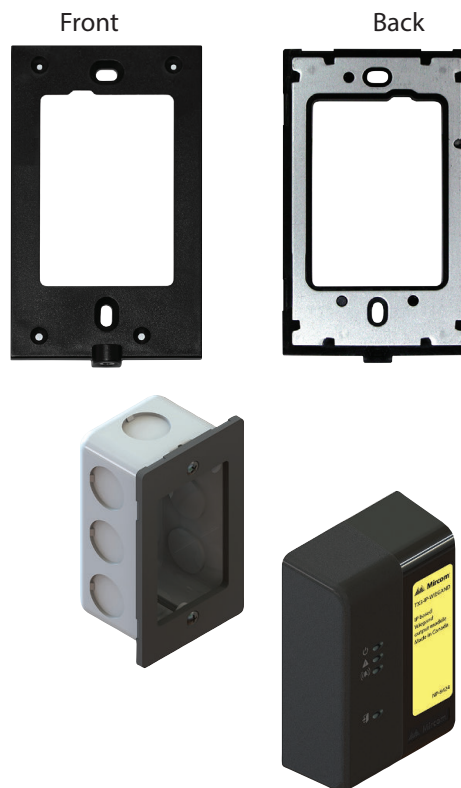
Connected via an IP network, the TX3 IP WIEGAND allows the TX3 T Series video intercom to function as a keypad and card reader, transmitting facility and card codes to an external access control system through standard Wiegand output.

A TX3-T Series panel, for instance, TX3-T10, connected to TX3-IP-WIEGAND can send a facility code and a card code to a third-party access control system. The Wiegand output is sent in a 26-bit standard format, as described in the table below. The facility codes shown in the table are default values.

Feature/Benefits

- Supports integration with third party Wiegand compatible access control systems
- Compatible with TX3 T Series Touch Video Intercom panels (e.g., TX3 T10)
- Flexible Programming: local via USB or remotely via TCP/IP
- Operating Temperature Range: 0° C - 49° C (32° F - 120° F)
- Indoor use only
- Dimensions: 122 mm x 79 mm x 41 mm (4 25/32” x 3 3/32” x 1 39/64”)
- Metal reinforced mounting bracket for secure installation and precise alignment
- Flexible Power options: 12 VDC, 24–48 VDC or PoE
- Network connectivity via TCP/IP
- Scalable architecture with no limit on the number of networked TX3 devices
- Simple mount onto a single-gang electrical box and connect CAT-5/6 cable for both power and network communication.

Mounting Bracket



Event	Facility Code	Card Code
Access is granted by the resident for a visitor call	167	Dial code associated with the resident
Access is denied by the resident for a visitor call	168	Dial code associated with the resident
Access is granted by a keyless code	169	Dial code associated with the resident whose Keyless code is used

Notes:

1. TX3-IP-WIEGAND is only compatible with TX3-T Series panels, for instance TX3-T10.
2. TX3-IP-WIEGAND requires TX3 Configurator version 3.2.1 or greater. With the Configurator, you can add the TX3-IP-WIEGAND as a device and program the facility codes.
3. The TX3-IP-WIEGAND panel receives IP messages from the configured TX3-T10 panel and generates the corresponding Wiegand bitstream on DATA0 and DATA1 Wiegand output interface for the access events. The process is confirmed by the TX3-IP-WIEGAND Alert Amber LED blinking on the TX3-IP-WIEGAND.
4. The maximum distance for the Wiegand wiring from TX3-IP-WIEGAND to the access control system is 500 feet using 18 AWG, and 250 feet using 22 AWG. Mircom recommends a foil-shielded, multiple-conductor stranded cable, at least 22 AWG. For example, use Belden 9535 or a similar cable.

Ordering Information

Model	Description
Module	
TX3-IP-WIEGAND	IP Wiegand module allows TX3 T Series Touch Video Intercom Systems to integrate with Wiegand compatible third party access control systems.
Compatible Entry Systems	
TX3-T10-S	TX3 Touch Video Intercom System (Silver)
TX3-T10-G	TX3 Touch Video Intercom System (Space Gray)



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