TX3 Series
TOUCH ENTRY

TX3-T10-S Silver

POE+	**QR Code Reader**	**PSTN**	**Proximity Card Reader**	**VoIP Protocol**	**Mircom Cloud Services**	**Built-in Controller**

Description

Mircom's TX3-T10 Touch Access System is a cutting-edge solution designed to provide a modern, visually stunning, and intuitive user experience. With a vandal and weather-resistant enclosure and innovative features, this system is fully customizable for occupant and visitor access control in various settings.

The system introduces several innovative features to deliver a comprehensive solution for occupant and visitor access control in condominiums, apartment buildings, office buildings, gated communities, and industrial buildings.

The 10" full color touch display provides wide viewing angles, which is sure to impress visitors & occupants alike.

TX3-T10's built in controller manages access for two doors via two relays and supports two readers: there is one built in proximity card reader with provision for an external card reader.

Residents: Enter the building using an access card or entry code, receive video calls via the MiEntry app, and remotely unlock doors and gates. Generate QR codes through the MiEntry app for temporary access for visitors and delivery personnel.

Visitors: Call residents or reception, scroll through a list of names and groups, search for a specific name to call, and utilize QR codes for quick dialing or temporary access.

Property Managers: Review event logs, issue or restrict access and have a peace of mind with vandal and weather-resistant design.

Installers: Quick easy installation, configuration, and updates.

Features

Visual Excellence
- Full-color 10" touch display for an impressive visual experience.
- Dark and light themes automatically adjust to ambient light levels, ensuring optimal readability day and night.
- Super bright LCD (1000 nits); easy to view in outdoor daylight.
- 4mm Front glass for durability.

Intuitive Interface
- Call button, scrolling name directory and name grouping for an easy and intuitive call interface.
- Two built-in keyboard layouts (Full QWERTY, or QWERTY (English & French) + Numpad)

Advanced Communication
- Enables communication through traditional phone lines (PSTN) or the Mircom MiVoIP cloud service for seamless VoIP connectivity.
- Compatible with the Mircom MiEntry app, providing one-way video and two-way audio directly to mobile devices.
- Speaker and dual microphones with noise reduction and beam-forming technology for clear two-way audio call.
- VGA video camera for video calls.
- Quick dial via QR code.

Security
- Built-in proximity card reader and interface for an external card reader.
- QR code scanner enables temporary visitor access by scanning QR codes generated through the MiEntry app.
- Built in controller supports two doors via two relays
- Tamper switch alarm detects any unauthorized opening of the intercom panel.
- Elevator restriction capability is available for buildings requiring a higher level of security.
- Vandal and weather-resistant enclosure for reliable indoor and outdoor use.

Customization and Media
- Programmable through the TX3 local configurator via an Ethernet connection.
- Conveniently load media content in JPEG, PNG, GIF, and MP4 formats using our intuitive TX3-Configurator. This content can be displayed as an eye-catching screensaver or used for advertising.
- Group residents in residential or mixed-use buildings, or employees in office buildings.

Connectivity and Power
- Programmable 4 supervised inputs and 2 outputs.
- Powered by PoE+ (IEEE802.3at/Type2) or an external power supply (24-48 VDC / 30 W).

Mounting and color options
- Two colors to choose from: silver or space gray.
- Suitable for both surface and flush mounting options.

Comprehensive Warranty
- Up to a 3-year out of the box warranty

CATALOG NUMBER
6595

Specifications

AUX PWR 24-48VDC: 30 W Auxiliary Power Input (20-18 AWG)

INPUT2: General Purpose (22 AWG

Reader: Wiegand Connections for External Card Reader 22-16 AWG

INPUT1: Door Contact (22 AWG)

PHONE LINE NSL or ADC

RJ45 Connector for LAN Connection and PoE+ (802.3at)

USB 2.0 Port for Debugging Only

INPUT4: (22 AWG)

Not Used

INPUT3: General Purpose (22 AWG)

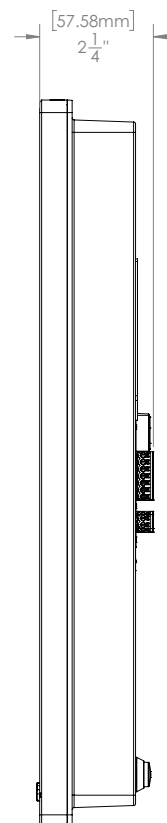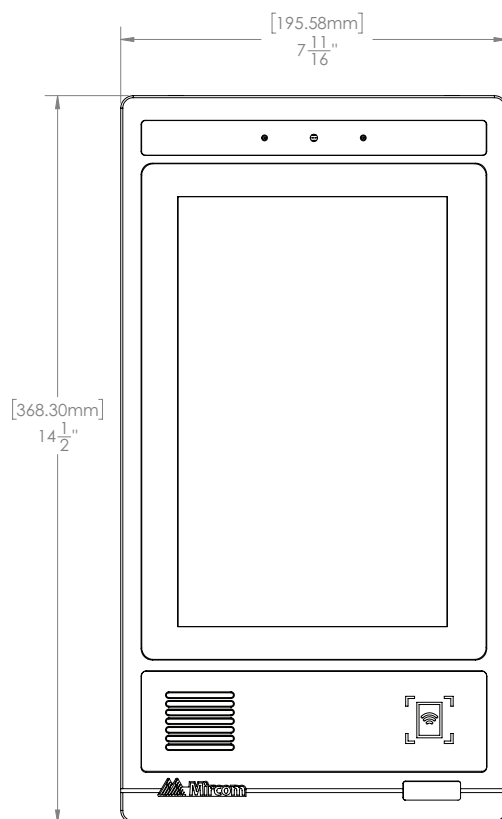OUTPUT2: General Purpose (18 AWG)

OUTPUT1: Door Lock (18 AWG)

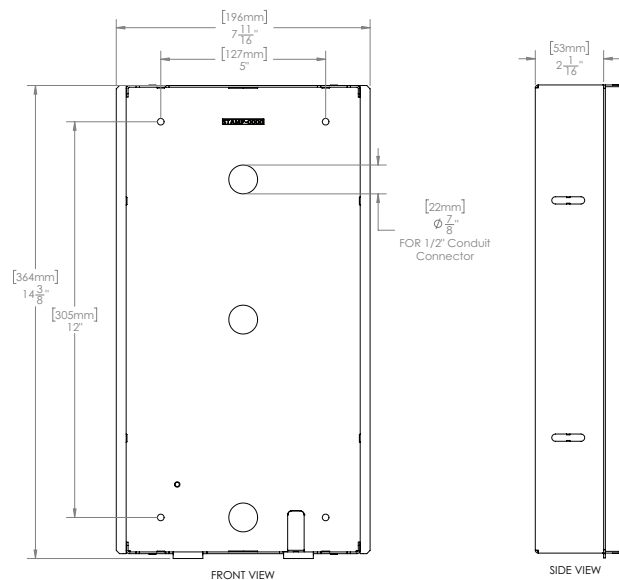MIC1   Camera   MIC2

Touch Display
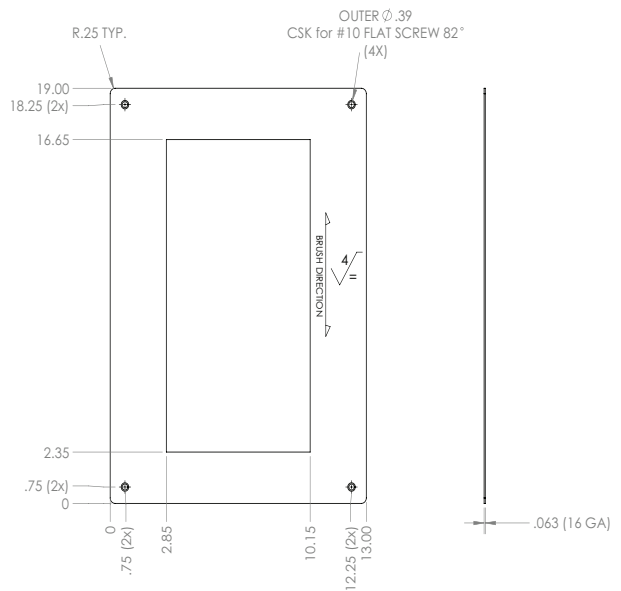
Speaker

Proximity Reader

QR Code Scanner

[195.58mm]
7 11/16"

[57.58mm]
2 1/4"

[368.30mm]
14 1/2"

Mircom®

CAT. 6595

Backbox

FRONT VIEW SIDE VIEW

Trim Ring (optional, ordered separately)

Technical Specifications

Dimensions	Weight
14.5" H x 7.7" W x 2.2" D (36.8 cm x 19.6 cm x 5.6 cm)	5.6 lb (2.5 kg)
System	**Connections**
Quadcore multimedia microprocessor	Programmable 4 supervised inputs and 2 outputs
2 GB RAM	1 phone line connection
10/100/1000 Ethernet	1 auxiliary power input
1.5GB of storage	1 Ethernet 10/100/1000 PoE+ port
H.264 Video Codec	1 USB 2.0 port
G.711 µ-law audio codec	1 Wiegand connection for optional reader
Display	**Power**
10.1" touch screen with Vandal-resistant 4mm glass	Powered by PoE+ (IEEE802.3at/Type2)
Brightness: 1000 nits	Auxiliary Power: 24-48 VDC / 30 W
Proximity Reader	**Backbox**
Built-in 125 kHz proximity reader	18Ga Steel, Painted, black
Widely supported 26-bit Wiegand format	Dimensions: 14.5" H x 7.7" W x 1.93" D (36.8 cm x 19.6 cm x 5 cm)
QR Code Scanner	**Capacity**
For quick and temporary credential	2000 names
Speaker	**Audio**
2 W nominal, 4 W maximum	Audio system with Analog Microphones, 3.1W AB-class Amplifier
Operating Temperature	**Camera**
-30° C to 50° C	5 MP camera with autofocus and MIPI Interface
Controller	**Rating**
Built in controller manages access for two doors via two relays and supports two readers: one built in proximity card reader and has a port for an external card reader, additional doors will require additional TX3 controllers.	Weather & vandal resistant FCC IP-65

NOT TO BE USED FOR INSTALLATION PURPOSES.
THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND
NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

Ordering Information

Model	Description
TX3-T10-S	Silver 10" Touch screen video intercom system
TX3-T10-G	Space Gray 10" Touch screen video intercom system
Essential Accessories	
Power Supply (Required if PoE+ power is not available, Separate Order)	
TX3-PS24-5A	Switching power supply with chassis, 24VDC, 156 Watt, 5A
Trim Ring (optional)	
TX3-T10TR	T10 Trim Ring to cover any existing larger opening, 19" x 13"
Postal Lock (optional)	
TX3-PL-ENCL	Postal Lock Enclosure, Surface Mount
Essential Cloud Services	
Subscription Services (optional)	
MiEntry	Mobile App to verify guest identities with live video and audio call, grant access to the building securely and generate a QR code to enable temporary visitor or Courier access
MiVISION	Cloud based configuration and monitoring solution to monitor and control site's TX3 System Devices
MiVoIP	VoIP solution, designed to replace traditional phone lines, providing a more economical and efficient communication solution.
Optional Accessories	
No Phone Bill (NSL) Components	
TX3-NSL-8M	NSL Relay Cabinet. Supports eight 2012 Telephone Line Relay Cards
TX3-8EC	8 Relay Card Expander Cabinet
TX3-16EC	16 Relay Card Expander Cabinet
Elevator Restriction Components	
TX3-ER-8-B	Elevator Restriction Relay Cabinet, supports eight 2012E Elevator Restriction Relay Cards
3012E	Twelve Unit Elevator Restriction Relay Card
Add-on Access Control Components	
TX3-CX-1	Single Door Controller, PoE, single gang mount.
TX3-CX-2-A	Two Door Controller in a grey metal lockable cabinet
TX3-CX-4-A	Four Door Controller Panel with IP module
TX3-PCR-35	Mobile-Ready 2.4-GHz frequency/Contactless Reader 125-kHz frequency (single gang mount and mullion mount)
TX3-PCR-620	Mullion-Mount Mobile-Ready Proximity Reader and Keypad
TX3-PCR-640	Single-Gang Wall Switch Box Mount Mobile-Ready Proximity Reader and Keypad
TX3-CSR-35	Mobile-Ready 2.4-GHz frequency/Contactless Smartcard Reader 13.56-MHz frequency (single gang mount and mullion mount)
TX3-CSR-6.2	Mullion-Mount Mobile-Ready Contactless Smartcard Reader and Keypad
TX3-CSR-6.4	Single-Gang Wall Switch Box Mount Mobile-Ready Contactless Smartcard Reader and Keypad
TX3-CMC-2	Mobile Smartphone Credential, 2.4-GHz frequency
CS-MIR-0-0	Clam Shell Proximity Card 125 kHz, must be ordered in package of 25
KT-MIR-0-0	Key Tag (Fob) 125 kHz proximity, must be ordered in package of 10
TX3-DM1-3	Card MIFARE 13.56 MHz, must be ordered in package of 25
TX3-DK1-3	Key Tag (Fob) MIFARE 13.56 MHz, must be ordered in package of 10
TX3-CSK-2	High-Security Key Fob-Style Tag, 13.56-MHz frequency (packaged in groups of 10 pieces)
TX3-CSM-2P	High-Security ISO-Style Composite Card, 13.56-MHz frequency (packaged in groups of 10 pieces)