

# **POE-TDM-XB**

## PoE Powered 2 Door Access Controller

#### **OVERVIEW**

The POE-TDM is our PoE (Power over Ethernet) two door controller. Designed to be mounted above or near a door; the TDM saves time on installation, troubleshooting and cabling cost. Mount above I door and run standard access control cable to a nearby door within 500'. External power for a second strike may be required.



#### **POWER OVER ETHERNET**

Only pull a single CAT5 cable to each door to provide both power and communication.



#### INTEGRATED LOCK POWER

12V @500mA lock power output provides onboard power for door strikes or other devices.



#### **SOLID STATE DESIGN**

Our solid state designed controllers have no moving parts to ensure reliability.



#### **ONBOARD DIAGNOSTICS**

Using the LCD display and buttons on the controller, reader, output and input issues can be troubleshot. Mounting the controller above the door allows a single technician to easily diagnose issues. Diagnostics and IP programming are also accessible via password/bruteforce protected web interface.



#### **OUTPUTS**

Two dry contact solid state relays can switch up to 24VDC 1A.



#### **INPUTS**

Four fully configurable inputs can be set to perform any function. Optionally can be configured as supervised inputs using the included resistors.





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## **SPECIFICATIONS**

#### **ENCLOSURE**

Black ABS enclosure,  $10^{\circ}$  x  $2.2^{\circ}$  x  $3.5^{\circ}$ . Includes mounting screws and wall anchors. Optional backbox available (ODM-BACKBOX) with 6 x  $3/4^{\circ}$  conduit knockouts for concrete or brick walls.

#### COMMUNICATION

1 x RJ-45 10/100Mbps Ethernet Port, PoE Standard (15.4W), 100m (328') Max Distance. **Wire Spec** 100m (328') Max Distance, Cat5 or better.

### **INPUTS**

4 x Fully configurable digital inputs. supports supervised state with included 8 x 1K Ohm resistors. **Wire spec** 152m (500') Max Distance, 2 conductor stranded 22 AWG, shielded.

2 x Wiegand Ports

Wire Spec 152m (500') Max Distance, 6 conductors stranded not twisted, 24 AWG, shielded.

#### **OUTPUTS**

1 x Lock power Up to 12V @ 500mA

Wire Spec 152m (500') Max Distance, 2 conductors stranded 18 AWG.

2 x Solid State Relays Up to 24V @ 1A

1 x 12V Out 12V @ 300mA

Wire Spec 152m (500') Max Distance, 2 conductors stranded 22 AWG.

#### **STORAGE**

Stores up to 100,000 cardholders. Stores up to 50,000 events, first in first out queue.

### **CERTIFICATIONS**

UL 294/ULC S319-05 listed, FCC.

#### **MISC**

Super capacitor maintains data and time up to 1 month without power. Photo-resistive tamper sensor. Piezo buzzer. Automatic DST switch.

#### **SOFTWARE**

Door controller is programmed and monitored from PROTECTOR. Net server software. Software can be hosted by Hartmann Controls, Security integrator or via local/remote Windows PC/ Server.





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## **SPECIFICATIONS**

#### **WARRANTY**

3 year warranty

## **ADVANCED FUNCTIONS**

## **ADA OPENER SEQUENCING**

Supports sequencing a door opener with a strike release without external logic. Flexible activations options allow you to securely control when the opener is triggered.

#### **ALARM**

Supports key-switch level alarm integration via Input/Output. Will deny entry when alarm is armed to standard users. Can arm/disarm from reader.

## MANTRAP / INTERLOCK

Can connect to other controllers via Input/Output to create mantraps without external relays/logic.

#### **ANTI-PASSBACK**

Global and local APB. Configurable to be timer or reader based. Can be customized to ignore certain users and reset at a specific time.

## **CUSTOM SCRIPTS / ACTIONS**

Input, Output and Reader events can trigger server side scripts to easily meet regulatory requirements or other special circumstances/functions.

PART NUMBER	# OF DOORS	MOTION	COLOR	PART NUMBER	# OF DOORS	MOTION	COLOR
POE-ODM-XB	1	No	Black	POE-TDM-XB	2	No	Black
POE-ODM-XW	1	No	White	POE-TDM-XW	2	No	White
POE-ODM-MB	1	Yes	Black	POE-TDM-MB	2	Yes	Black
POE-ODM-MW	1	Yes	White	POE-TDM-MW	2	Yes	White