POE-TDM-MW

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 costs. Mount above 1 door and run standard access control cable to a nearby door within 500'. External power for a second strike may be required. This controller features our built-in PIR (Passive Infrared Sensor) to allow cardholders free egress.

PIR MOTION SENSOR

Optional PIR sensor built into the controller allows detection of users near the secure side of the door. Automatically unlock the door, or allow the door to be opened without triggering forced open alarm.

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

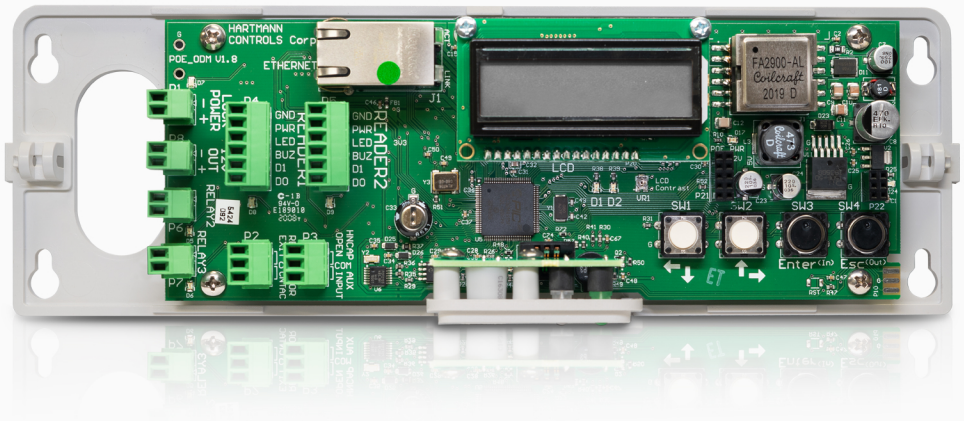
Using the LCD display and buttons on the controller, reader, output and input issues can be troubleshot. Mounting the controller above the door allows a single technician to easily diagnose issues. Diagnostics and IP programming are also accessible via password/bruteforce protected web interface.

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.



POE-TDM-MW

PoE Powered 2 Door Access Controller

SPECIFICATIONS

ENCLOSURE

White ABS enclosure, 10" x 2.2" x 3.5" . Includes mounting screws and wall anchors. Optional backbox available (ODM-BACKBOX) with 6 x 3/4" 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 tiwsted, 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.

POE-TDM-MW

PoE Powered 2 Door Access Controller

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