



OVERVIEW

POE ODM/TDM CONTROLLER

The ODM (Over Door Module) is our PoE (Power over Ethernet) single or two door controller. Designed to be mounted above the doors, the ODM/TDM features our optional PIR (Passive Infrared Sensor) to allow cardholders free egress.

COMPATIBLE WITH:

- ODM Backbox
- Wiegand Readers
- Wireless Locksets
- Bluetooth Readers

FEATURES & BENEFITS

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.

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.

Solid State Design

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

Inputs

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

Outputs

Includes one lock power output up to 12VDC @ 500mA and two dry contact solid-state relays capable of switching up to 24VDC @ 1A.

PART NUMBERS

POE-ODM-XB

1 Door Non Motion Black

POE-ODM-XW

1 Door Non Motion White

POE-ODM-MB

1 Door Motion Black

POE-ODM-MW

1 Door Motion White

POE-TDM-XB

2 Door Non Motion Black

POE-TDM-XW

2 Door Non Motion White

POE-TDM-MB

2 Door Motion Black

POE-TDM-MW

2 Door Motion White

SPECIFICATIONS

Enclosure

White or black ABS enclosure, 10" (254mm) x 2.2" (55.88mm) x 3.5" (88.9mm). Includes mounting screws and wall anchors. Optional backbox available (ODM-BACKBOX) with 6 x 22 mm knockouts (suitable for PG16 / M20 fittings, approx. 1/2" US trade size conduit).

Temperature

Indoor use only. Operating temperature: 0°C to 50°C (32°F to 122°F). Operating humidity: 10% to 90% RH, non-condensing.

Communication

1 x RJ-45 10/100Mbps Ethernet port, PoE standard (15.4W).

Inputs

4 x fully configurable digital inputs. Supports supervised state with included 8 x 1K Ω resistors.

2 x Wiegand ports.

Outputs

1 x Lock Power up to 12V @ 500mA

2 x Solid State Relays up to 24V @ 1A
1 x 12V Out, 12V @ 300mA

Storage

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

Certifications

CE, UL 294/ULC S319-05 listed, FCC.

Miscellaneous

Super capacitor maintains data and time up to 1 month without power, photo-resistive tamper sensor and Piezo buzzer.

Software

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

Warranty

3-year warranty.