TruPortal™ Access Control

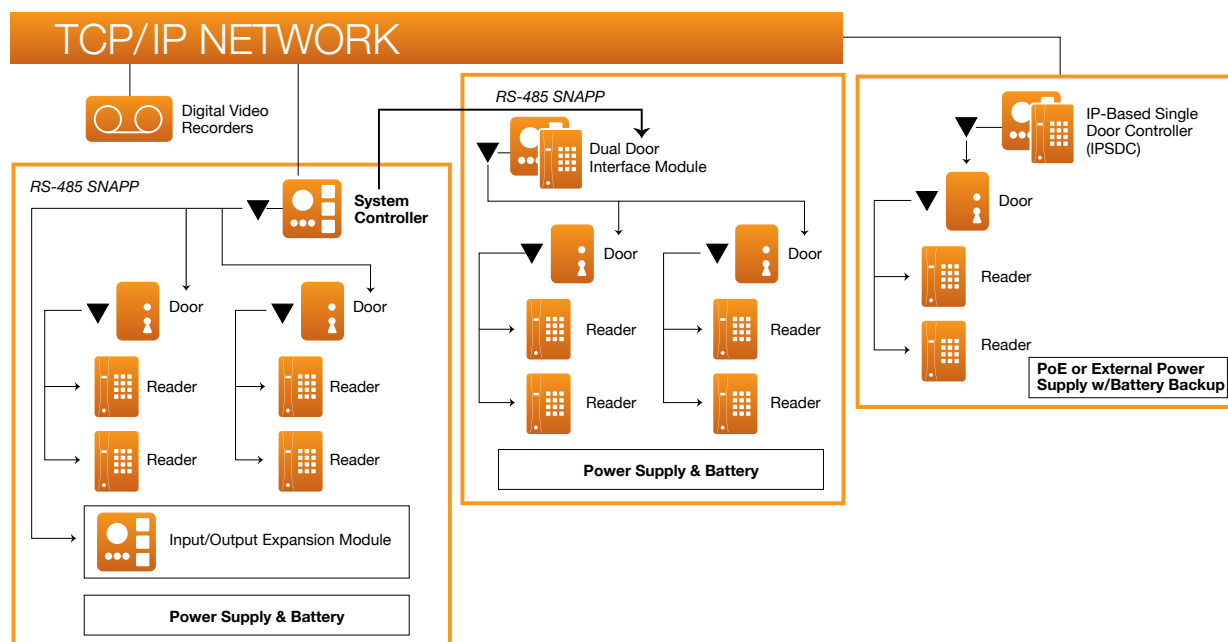## IP-Based 1-Door Add-on Module

OVERVIEW

TruPortal offers an IP-based 1-door, 2-reader add-on controller with PoE support that expands the capabilities of the system while maintaining its simplicity. TruPortal's IP PoE 1-door add-on enables customers to leverage existing IT infrastructure while eliminating the need for local power. In addition, using existing IT infrastructure can help lower labor costs for cable installation, while reducing install time and increasing the ROI of existing IT networks. And because it's IP-based, this new controller isn't restricted by the length constraints of an RS-485 bus to provide the ideal solution for effective, efficient performance.

STANDARD FEATURES

- Compatible with TruPortal Base System Controller
- Secures a single door with up to 2 readers
- Leverages existing IP network infrastructure
- PoE compatible
- Auto detection by TruPortal HW discovery
- Easy configuration via Web interface

SYSTEM DIAGRAM

Note: Use of PoE configuration has not been evaluated by UL.

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IP-Based 1-Door Add-on Module

Specifications

Description	
Reader Interface	2 Wiegand D0/D1 interfaces (12 VDC Reader Voltage)
Communication	IP Communication with a TruPortal System Controller
Power Input	IEEE802.3af 16 watt Class 0 Mode A and B Power over Ethernet Power Sourcing Equipment (PoE/PSE) on Standard Category 5 Ethernet Cable Alternate method: Auxiliary 24 VDC 1A power supply (24 watts) – Not included
Outputs	1 Door strike relay (2A @ 28VDC or 30 VAC maximum)
Inputs	2 dedicated inputs (Door Contact and Request to Exit)
Fallback Mode	User-selectable options for operation in case of network connectivity loss (Includes 50 cardholder local cache)
Event History	Up to 65,000 historical events (stored on the TruPortal System Controller)
Door Strike Power	Optionally able to power the door strike (390 mA maximum current) Jumper-selectable strike voltage (12VDC / 24VDC)
Enclosure Size (WxHxD)	10.15 x 9.15 x 3.04 in. (258 x 232 x 77mm)

Ordering Information

TP-ADD-1DIP	TruPortal IP-Based Single-Door Add-on Kit. Consists of TruPortal 1-door interface module installed in a UL listed enclosure.
TP-ADD-1DIP-BRD	TruPortal IP-Based Single-Door Module. Board only.

Accessories

TP-RDR-LRN	Dual-Frequency Enrollment Reader

Readers

430209004/5/6 - T-500W	Casi Proximity, MIFARE® (ISO14443A) and Vicinity (ISO15693), HID proximity & Corp 1000, Wiegand or F/2F output*, Mullion Mount, Gray/Charcoal/Black, 18" pigtail wire
430210004/5/6 - T-520W	Casi Proximity, MIFARE® (ISO14443A) and Vicinity (ISO15693), HID proximity & Corp 1000, Wiegand or F/2F output*, Single-width USA electrical box mount, Gray/Charcoal/Black, 18" pigtail wire
430211004/5/6 - T-525W	Casi Proximity, MIFARE® (ISO14443A) and Vicinity (ISO15693), HID proximity & Corp 1000, Wiegand or F/2F output*, 12-key keypad, single-width USA electrical box mount, Gray/Charcoal/Black, 18" pigtail wire

Note: Backup battery must be purchased separately.
*TruPortal supports Wiegand only input.

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