

201MP/202MP Industrial Fiber-to-Ethernet 802.3bt PoE Media Converter

Introduction

Proscend's 201MP/202MP Industrial Fiber-to-Ethernet 802.3bt PoE Media Converter is equipped with 1-port or 2-port 10/100/1000 Base-TX IEEE 802.3bt PoE standard to transmit data and power between 1000 Base-FX Fiber and 10/100/1000BASE-T(X) Ethernet interface. The 201MP offers managed power output up to 90 watts on a single port by utilizing four pairs of Ethernet cabling. The 202MP delivers up to 120 watts of power output to PDs. With ultra-compact hardened design and dual DC power inputs, the 201MP/202MP offer power protection for redundancy and operate in extremely harsh conditions.



Featuring an extended operating temperature range of -40 to 75°C, the 201MP/202MP comes with efficient web-based management interface to help quickly evaluate the PoE status and the power usage in hazardous environments as well as to flexibly configure the PoE output budget at remote site.

Supporting Link Fault Pass-Through (LFPT) function via DIP switch setting, the 201MP/202MP enables the uplink device to get the failed link information if the downlink device fails. Built-in relay output warning, the 201MP/202MP prevents damage and loss from power failure and port link down. Proscend's 201MP/202MP Industrial Fiber-to-Ethernet 802.3bt PoE Media Converter enable reliable high data transmission speed and stable long distance network communication in a variety of industrial environments.

Features

- 1-Port 10/100/1000 Base-TX RJ45 IEEE 802.3bt PoE (201MP Model)
- 2-Port 10/100/1000 Base-TX RJ45 IEEE 802.3bt PoE (202MP Model)
- Deliver up to 90W/120W of Power Output (Managed Power)
- Terminal block for redundant DC power inputs
- -40 to 75°C operating temperature range
- Support Link Fault Pass-Through (LFPT)
- Built-in relay output warning for power failure and port link down
- Provide easy-to-use web management functions

Specifications

<p>Hardware Interfaces</p> <ul style="list-style-type: none"> ■ 1 100/1000 Base-FX ■ 1 10/100/1000 Base-TX IEEE 802.3bt PoE Port (201MP Model) ■ 2 10/100/1000 Base-TX IEEE 802.3bt PoE Ports (202MP Model) <p>4 Position DIP Switch</p> <ul style="list-style-type: none"> ■ Relay (Alarm) Output Enable/Disable ■ LFPT Enable/Disable ■ PoE function Enable/Disable ■ SFP (1000M/100M Support)/Force Output <p>LED Display</p> <ul style="list-style-type: none"> ■ 1 x PWR1/PWR2 status LED (Green) ■ 1 x System status LED (Green) ■ 1 x Relay (Alarm) status LED (Red) ■ 1 x PoE1/PoE2 status LED (Green) ■ 1 x SFP 1000 status LED (Green) ■ 1 x SFP 100 status LED (Green) ■ 1 x LAN 1000 status LED (Green) 1 x LAN 10/100 status LED (Yellow) <p>Physical Characteristics</p> <ul style="list-style-type: none"> ■ Hardened aluminum case, IP30 ■ Dimensions (W x H x D): 102 x 83 x 38 mm ■ Installation: DIN-rail mounting 	<p>Operating Environment</p> <ul style="list-style-type: none"> ■ Operating Temperature: -40°C to 75°C ■ Storage Temperature: -40°C to 85°C ■ Humidity: 10% - 95% (non-condensing) <p>Power Supply</p> <ul style="list-style-type: none"> ■ Terminal block for redundant DC power inputs ■ Voltage Range: <ul style="list-style-type: none"> • 201MP Model: 48V(2.5A) to 56V(2.1A) • 202MP Model: 48V(3A) to 56V(2.5A) ■ Max Power Consumption: 135W ■ Automatic short protection <p>Web Management</p> <ul style="list-style-type: none"> ■ PoE Scheduling ■ Device alive check ■ Username / password authentication ■ System Information ■ System Status ■ LAN Configuration ■ PoE Configuration <p>Regulatory Compliance</p> <ul style="list-style-type: none"> ■ CE ■ FCC Part 15 Class A ■ EN61000-6-2/-6-4 ■ EN62368-1
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Ordering Information

Model Name	Description
201MP	Industrial Fiber-to-Ethernet 802.3bt PoE Media Converter - 1 LAN
202MP	Industrial Fiber-to-Ethernet 802.3bt PoE Media Converter - 2 LAN

* Features and specifications are subject to change without prior notice.