

2-port 10/100/1000M Base-T(X) PoE + 1-port 1000Base-FX

➤ Features

- Support 2-port 10/100/1000M Base-T(X) PoE + 1-port 1000Base-FX;
- Support IEEE 802.3af(15.4W),IEEE802.3at PoE (30W) ;
- Automatic MAC address learning and aging;
- Automatically support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation, auto-MDI-MDI-X;
- LED indicators for monitoring power/link/activity;
- Supports 10/100/1000Mbps-Full/Half-duplex;
- Supports Wall-mount and DIN-Rail installation for lightning protection;
- Supports Daisy-Chain connection;
- Supports Broadcast Storm Control;
- Supports Relay output for power failure;
- Super lightning protection, IP40 protection;
- Excellent heat elimination without cooling fan;
- Redundant DC48-55V dual DC power inputs;
- Harsh industrial environment or higher requirement;
- 6KV port Lightning protection;
- Support -40-75°C wide operating temperature range;
- Warranty:5years



➤ Introduction

PIMC202 Industrial PoE Media Converter support 2-port 10/100/1000M Base-T(X) + 1-port 1000Base-FX, for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other PoE supported devices. Specially designed for harsh outdoor applications. Its 3KV network port surge protection and 6KV port Lightning protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power.

➤ Application

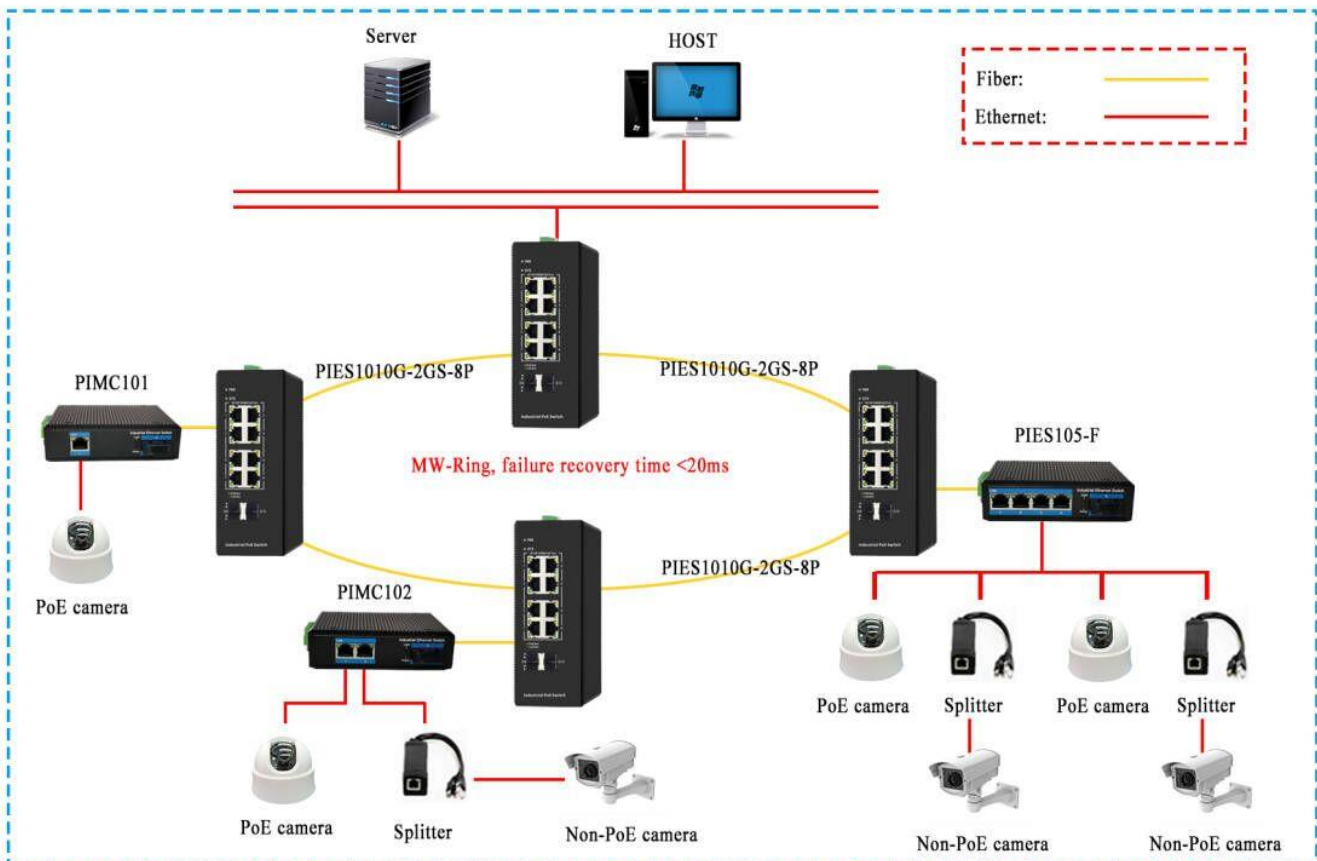
- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Oil&Gas
- Smart City

➤ Specification

| Specification | |
|---------------------------|---|
| Product Name | 3- Port 10/100/1000M Industrial PoE Media Converter |
| Product Model | PIMC202 |
| Interface | 2-port 10/100/1000M RJ45 PoE + 1-port 1000Base-FX |
| Network Protocols | IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; |
| | IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x; |
| | IEEE802.3af , IEEE802.3at; |
| PoE Specification | PoE Standard: IEEE802.3af/ IEEE802.3at |
| | PoE ports: 2 port support PoE |
| | Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) |
| | PoE port Auto detect AF/AT devices |
| | Output Voltage: DC48-57V |
| | Power Pin Assignment:1/2+;3/6- |
| | Power Type: End-span(Mid-span optional) |
| Network Media | 10BASE-T: Cat3,4,5 UTP(≤100 meter) |
| | 100BASE-TX: Cat5 or later UTP(≤100 meter) |
| | 1000BASE-TX: Cat6 or later UTP(≤100 meter) |
| Fiber Media | Multi-mode: 2KM |
| | Single-mode: 20/40/60/80KM |
| Performance Specification | Bandwidth: 10Gbps |
| | Packet Buffer Memory:1M |
| | Packet Forwarding Rate:148800pps/port |
| | MAC Address Table: 8K |
| Forwarding Mode | Store-and-Forward |
| Protection | 6KV Lightning protection, IP40 protection |
| LED Indicators | Power: PWR; Link; PoE; Link/Act |
| Power Supply | Input Voltage: (DC48 ~ 57V) /Terminal block |
| Other Specifications | |
| Working Environment | Working temperature: -40°C~75°C |
| | Storage temperature: -45°C~85°C |
| | Relative Humidity: 5%~95 %(no condensation) |

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|-------------------|---|
| Industry Standard | FCC CFR47 Part 15,EN55022/CISPR22, Class A EMS: |
| | IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) |
| | IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) |
| | IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV |
| | IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV |
| | IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) |
| | IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) |
| Shell | IP40 protect grade, metal shell |
| Installation | DIN-Rail |
| Certification | CE mark, commercial; FCC Part 15 Class B; VCCI Class B |
| | EN 55022 (CISPR 22), Class B |
| MTBF | 300,000 hours |
| Weight & Size | Product Weight: 0.36 KG |
| | Packing weight: 0.46 KG |
| | Product size (L×W×H): 118mm*86mm*39mm |
| | Packing size(L×W×H): 220mm*220mm*70mm |
| Warranty | 5-years |

➤ Connection



➤ Ordering Information

| Model NO. | Description |
|----------------|--|
| PIMC201 | 1-port 10/100/1000M Base-T(X) PoE +1-port 1000M FX, DC48V |
| PIMC202 | 2-port 10/100/1000M Base-T(X) PoE +1-port 1000M FX, DC48V |
| PIMC201-SFP | 1-port 10/100/1000M Base-T(X) PoE +1-port Gigabit SFP, DC48V |
| PIES205G-GF-4P | 4-port 10/100/1000M Base-T(X) PoE +1-port 1000M FX, DC48V |

➤ Packing List

- Industrial PoE Media Converter *1
- User manual * 1
- Certificate of quality * 1
- Warranty card * 1