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

➢ Features

- Support 2-port 10/100M Base-T(X) PoE + 1-port 100Base-FX;
- Support IEEE 802.3af(15.4W),IEEE802.3at PoE (30W) ;
- Automatic MAC address learning and aging;
- Automatically support IGMP (Multicasting)
- 10/100Mbps Auto-negotiation, auto-MDI-MDI-X;
- LED indicators for monitoring power/link/activity;
- Supports 10/100Mbps-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 lightening 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

PIMC102 Industrial PoE Media Converter support 2-port 10/100M Base-T(X) + 1-port 100Base-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

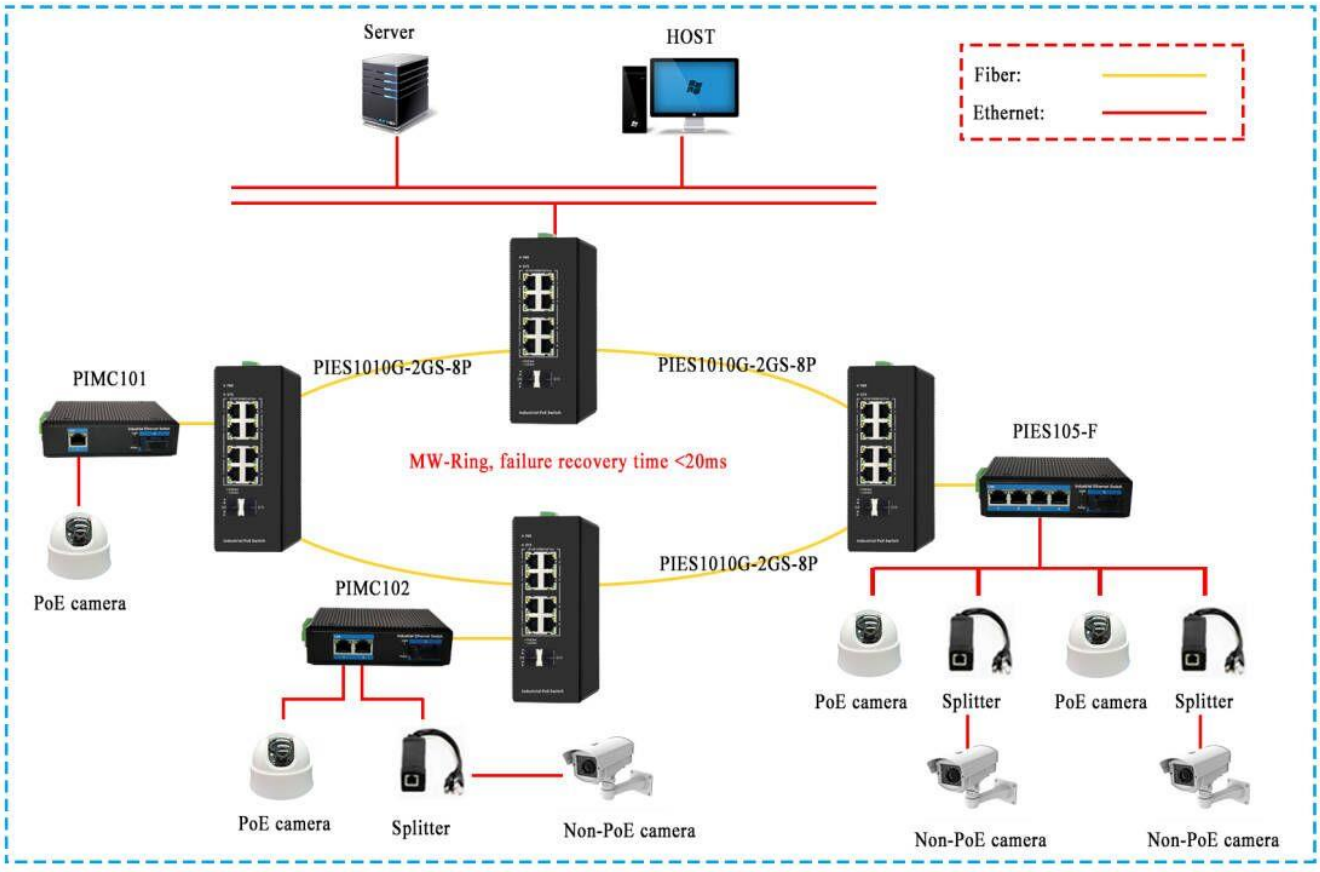
- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Oil&Gas
- Smart City

➢ Specification

Specification	
Product Name	3- Port 10/100M Industrial PoE Media Converter
Product Model	PIMC102
Interface	2-port 10/100M RJ45 PoE + 1-port 100Base-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: 1Gbps
	Packet Buffer Memory:512K
	Packet Forwarding Rate:148800pps/port
	MAC Address Table: 1K
Forwarding Mode	Store-and-Forward
Protection	6KV Lightening 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)

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 or Wall mounts
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): 128mm*95mm*33mm
	Packing size(L×W×H): 240mm*145mm*55mm
Warranty	5-years

➢ Connection



➢ Ordering Information

Model NO.	Description
PIMC101	1-port 10/100M Base-T(X) PoE +1-port 100M FX, DC48V
PIMC102	2-port 10/100M Base-T(X) PoE +1-port 100M FX, DC48V
PIES105-F	4-port 10/100M Base-T(X) PoE +1-port 100M FX, DC48V

➢ Packing List

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