



2-port 10/100/100M PoE +2-port Gigabit SFP, Din-Rail, Unmanaged

➤ Features

- Support 2-port 10/100/100M PoE +2-port Gigabit SFP;
- Support non-blocking wire-speed forwarding;
- Support IEEE 802.3af/at PoE standard, without damaging non-PoE devices
- Support full-duplex based on IEEE802.3x and half-duplex based on backpressure;
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device
- Contact discharge 8KV, air discharge 15KV; port lightning protection common-mode 4KV, differential mode 2KV;
- -40 to 85°C Wide temperature range design, fanless thermal design;
- Satisfy harsh industrial environment;
- Support dual DC INPUT: 48V-57V;
- Warranty: 5 years



➤ Introduction

The PIMC204G-2GF series is a full gigabit industrial PoE fiber switch. It has 2*10/100/1000M PoE ports and 2*1000M SFP fiber slot port. Port 1-2 can support IEEE 802.3af/at standard PoE power supply. the maximum PoE output power is less than 35W(at-60W).

As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, web camera, VoIP phone, industrial sensor through network cable, and meet the network environment that needs high-density PoE power supply.

It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network. Unmanaged model, plug and play, no configuration, easy to use.

➤ Application Industries

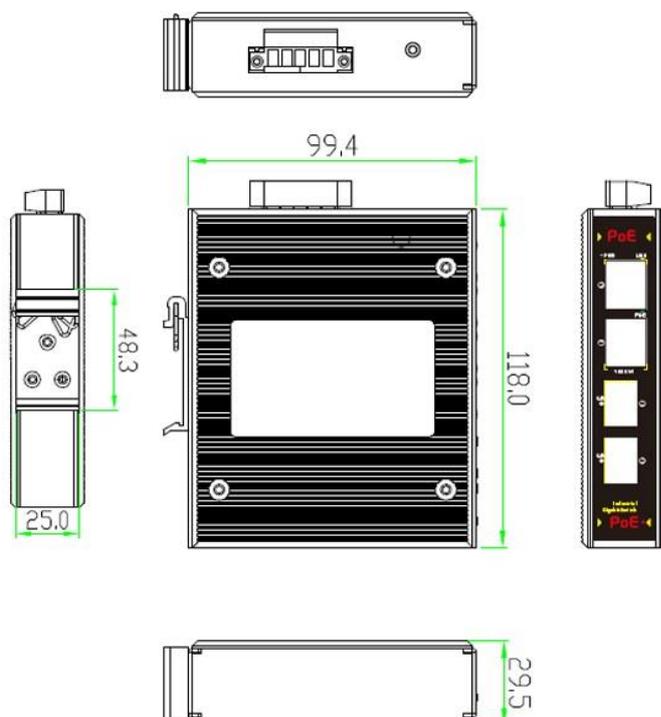
- Intelligent Transportation System
- Industrial Automation
- Security Surveillance
- New Energy and Utilities
- Data Center Network
- Electric Power Industry
- Oil&Gas
- Smart City

➤ Specification

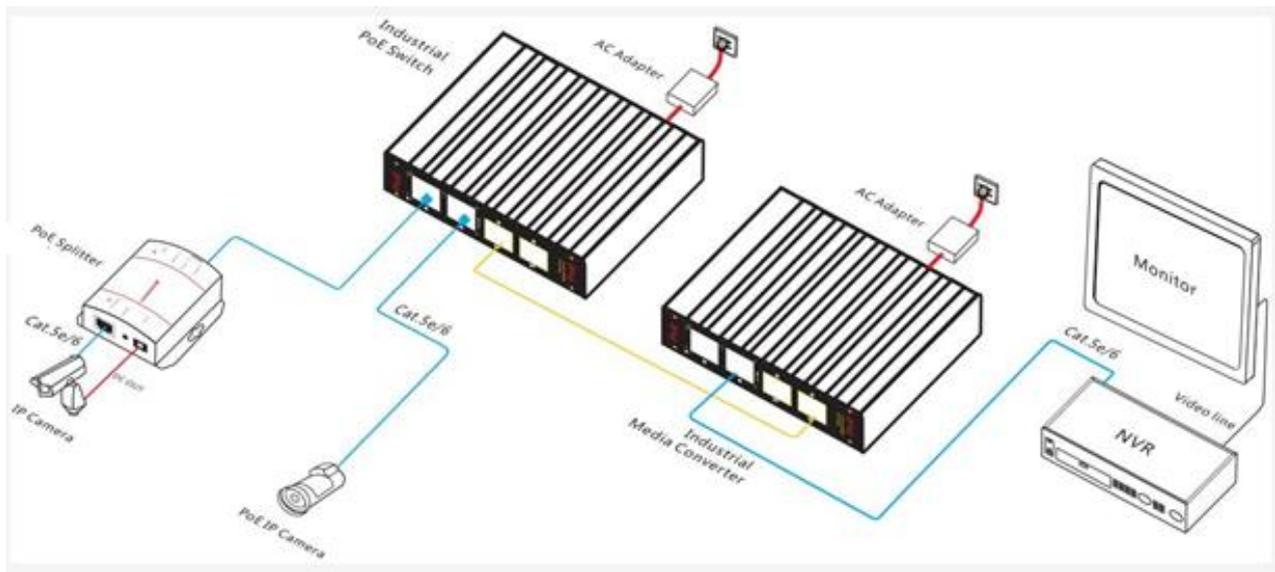
Specification	
Interface	2*10/100/1000Base-T PoE ports (Data/Power) 2*1000Base-X uplink SFP fiber slot ports (Data) 2 set of V+, V- redundant DC power interface (5Pin Phoenix terminal)
PoE Port	Port 1-2
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port	Port 1-2 support 10/100/1000Base-T,auto-sensing,Full/half duplex MDI/MDI-X self-adaption
SFP Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Forwarding Mode	Store and Forward(Full Wire Speed)
Switch capability	
Switching Capacity	8Gbps
Forwarding Rate	5.95Mpps
MAC	8K
Buffer Memory	1M
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)
Optical Cable	Multi mode: 850nm 0 ~ 500M, single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Power	
Power Supply Pin	30W; IEEE802.3af/at
Total PWR / Input Voltage	36W/48VDC (af), 60W/48VDC(at)
Power Consumption	Standby:<4W; Full load:<32W Standby:<5W; Full load:<60W
Working Voltage	48-57VDC; 5P industrial phoenix terminal, anti-reverse protection
LED Indicator	Power: PWR (green), Network: Link ,Link/Act (yellow),PoE: PoE (green)
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%
Dimension	119*100*30mm

Net /Gross Weight	<0.6kg / <0.8kg
Installation	Desktop, 35mm DIN rail
Industry standard	
Lightning protection / protection level	<p>Lightning protection: 6KV 8/20us; Protection level: IP40</p> <p>IEC61000-4-2(ESD):±8kV contact discharge,±15kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable:±4kV; data cable:±2kV</p> <p>IEC61000-4-5(Surge):power cable:CM±4kV/DM±2kV; data cable:±4kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p> <p>IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s</p> <p>IEC61000-4-9(pulsed magnet field):1000A/m</p> <p>IEC61000-4-10(damped oscillation):30A/m 1MHz</p> <p>IEC61000-4-12/18(shockwave):CM 2.5kV,DM 1Kv</p> <p>IEC61000-4-16(common-mode transmission):30V; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022):Class A</p> <p>IEC61000-6-2(Common Industrial Standard)</p>
Mechanical Properties	<p>IEC60068-2-6 (anti vibration)</p> <p>IEC60068-2-27 (anti shock)</p> <p>IEC60068-2-32 (free fall)</p>
Certification	CE, FCC, RoHS
MTBF	100,000 hours
Warranty	5 Years

➤ Dimension



➤ Application



➤ Packing List

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