

# 100M 12 Ports Industrial PoE Fiber Switch

## 8\*FE PoE+2\*GE+2\*GF Industrial PoE Switch



- 8\*10/100M + 2\*1000M RJ-45 ports + 2\*1000M SFP slot Industrial PoE Switch, 1-8 ports support IEEE 802.3af/at;
- PoE port support AF/AT intelligent recognition. Standard power is 15.4W/port, Maximum power: 30W/port;
- PoE default: 1, 2(+)/3, 6(-), alternative: 4, 5(+)/7, 8(-);
- Switching capacity: 5.6Gbps, MAC table: 16K;
- Input voltage: DC48-57V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty.

**RoHS** **FC** **CE**

### Introduction

The PS-I084 is a 10/100M industrial PoE fiber switch. It has 8\*10/100M PoE ports and 2\*10/100/1000M RJ-45 ports + 2\*1000M SFP slot ports, Port 1-8 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 120W (at-240W). 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, webcam, 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.

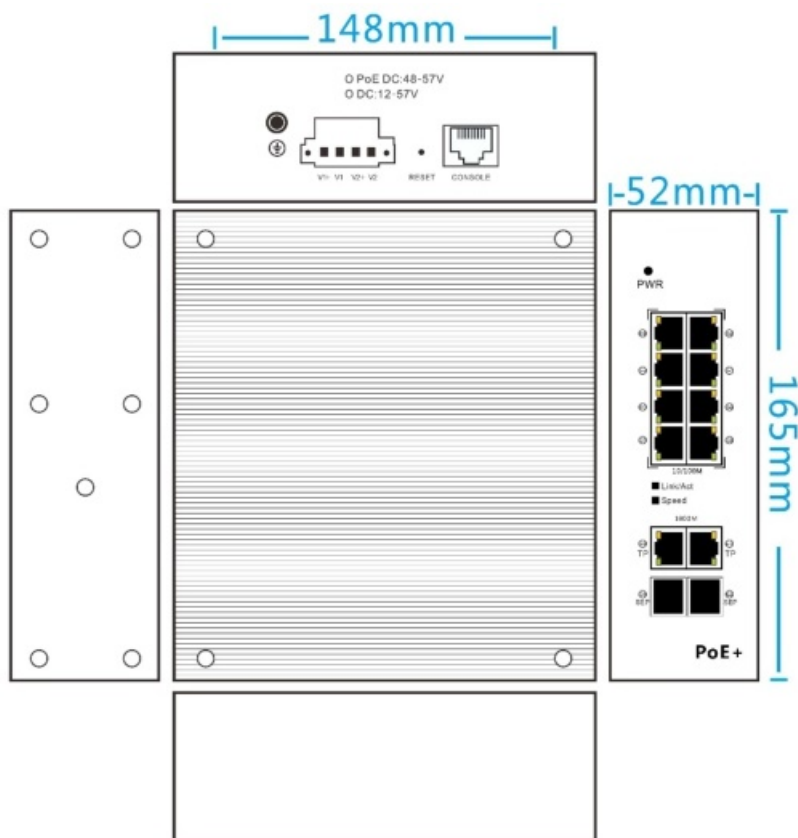
### TECHNICAL SPECIFICATION

Model	PIS-1084
Interface	8*10/100Base-TX PoE ports (Data/Power) 2*10/100/1000M RJ-45 ports (Data) 2*1000M SFP slot ports (Data) 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)
PoE Port	Port 1-8 supports POE @ IEEE802.3af/at

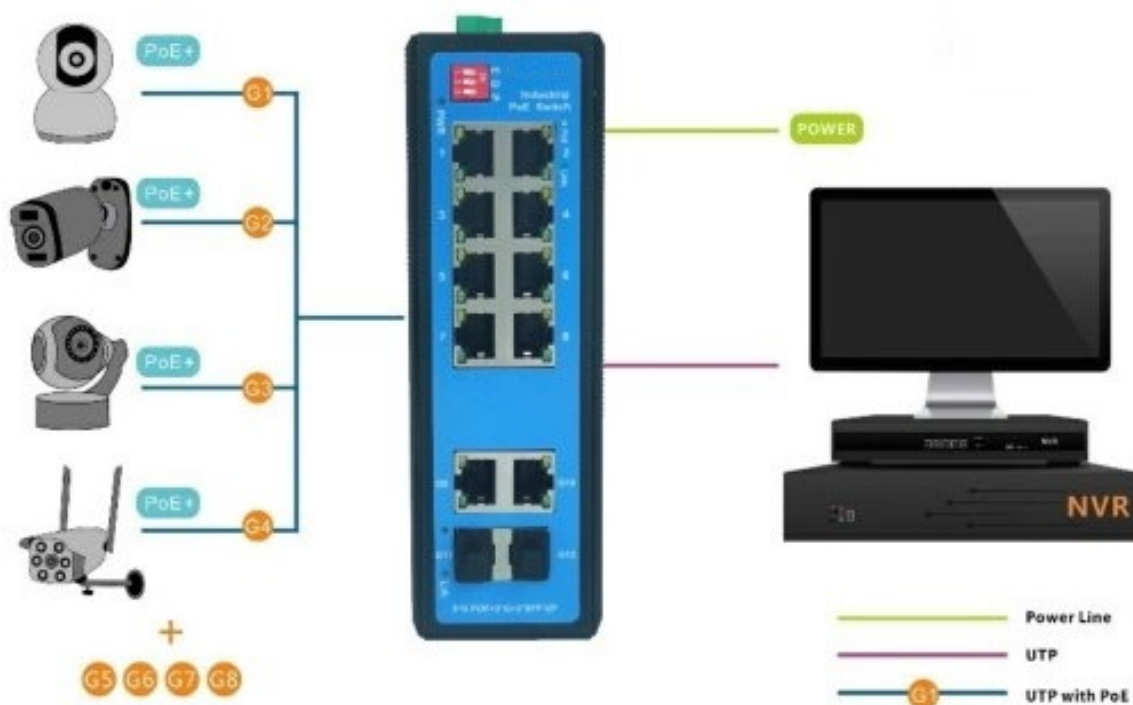
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	Port 1-8 support 10/100Base-TX, Port 9-10 support 10/100/1000Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
SFP Port Characteristic	Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (optional order mode / multi-mode, single fiber / double fiber optical module.
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	5.6Gbps (Non-blocking)
Forwarding Rate@64byte	4.17Mpps
MAC	16K
Buffer Memory	4M
Jumbo Frame	10K
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP ( $\leq 100$ meter) 100BASE-TX: Cat5 or later UTP ( $\leq 100$ meter) 1000BASE-T: Cat5e or later UTP ( $\leq 100$ meter)
Optical Cable	Multimode: 850nm 0 ~ 500M, 1310nm 0~2KM; Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)
Working Voltage	48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
Max Power Per Port	30W; IEEE802.3af/at
Total PWR / Input Voltage	120W (48-57VDC)
Power Consumption	Standby:<6W; Full load:<120W
LED Indicator	Power: PWR (green), Network: Link, link/Act (yellow), Rate: Speed (green), PoE: PoE (green)
Power Supply	No, optional 48V/120W or 48V/240W industrial power supply
Operation TEMP / Humidity	-40~+75°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension	165*148*54mm
Net /Gross Weight	<1.3kg / <1.8 kg
Lightning protection / protection level	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): $\pm 8$ kV contact discharge, $\pm 15$ kV air discharge IEC61000-4-3(RS):10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable: $\pm 4$ kV; data cable: $\pm 2$ kV IEC61000-4-5(Surge): power cable:CM $\pm 4$ kV/DM $\pm 2$ kV; data cable: $\pm 4$ kV IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s IEC61000-4-9(pulsed magnet field):1000A/m

	<p>IEC61000-4-10(damped oscillation):30A/m 1MHz                  IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV                  IEC61000-4-16(common-mode transmission):30V; 300V,1s                  FCC Part 15/CISPR22(EN55022): Class B IEC61000-6-2(Common Industrial Standard)</p>
Mechanical Properties	<p>IEC60068-2-6 (anti vibration)                  IEC60068-2-27 (anti shock)                  IEC60068-2-32 (free fall)</p>
Certification	<p>CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;</p>
Warranty	<p>5 years, lifelong maintenance.</p>

**DIMENSION**



APPLICATION



PACKING LIST

CONTENT	QTY	UNIT
12 Ports Gigabit Uplink Unmanaged Industrial PoE Fiber Switch (PS-I084)	1	SET
User Guide	1	PC
Warranty Card	1	PC