



DC Input 4 Port Fiber PoE Switch

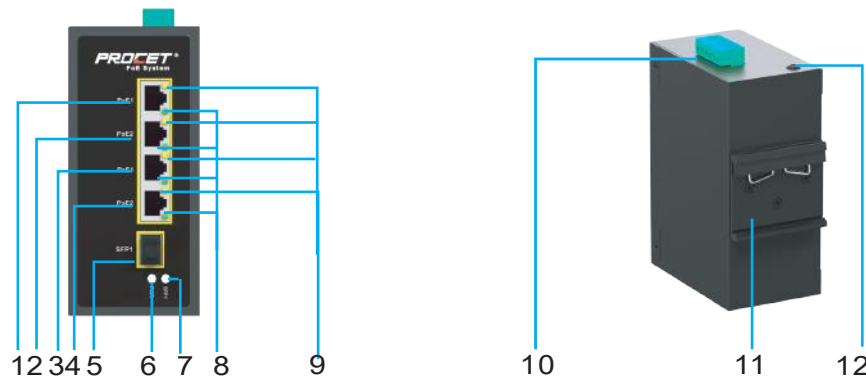
PT-PIS4P1S-E

Product Overview

PT-PIS4P1S-E is a 4-port, industrial-scale with fiber port PoE switch, which including 1 SFP fiber slot at 1000BASE-X SFP Interfaces, 1 DC input port and 4 PoE ports, provide power and transfer signal for remote PDs over 2 pairs output at 10/100/1000Mbps of data speed. Each PoE port is compliant with IEEE802.3af/at standard. Such as power for wireless access points, network cameras, VoIP Phones, Base station and other power Ethernet terminals.

PT-PIS4P1S-E is designed for indoor use but can work outdoor by covered with waterproof case. It works with input voltage of 12-55Vdc and operates under -40℃ to 65℃. It has detection chip inside, which will detect and classify PD before powering it. It will not apply power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables. This model equipped standard DIN rail mounting bracket, which can easily jam into the guide rail.

Product Profile

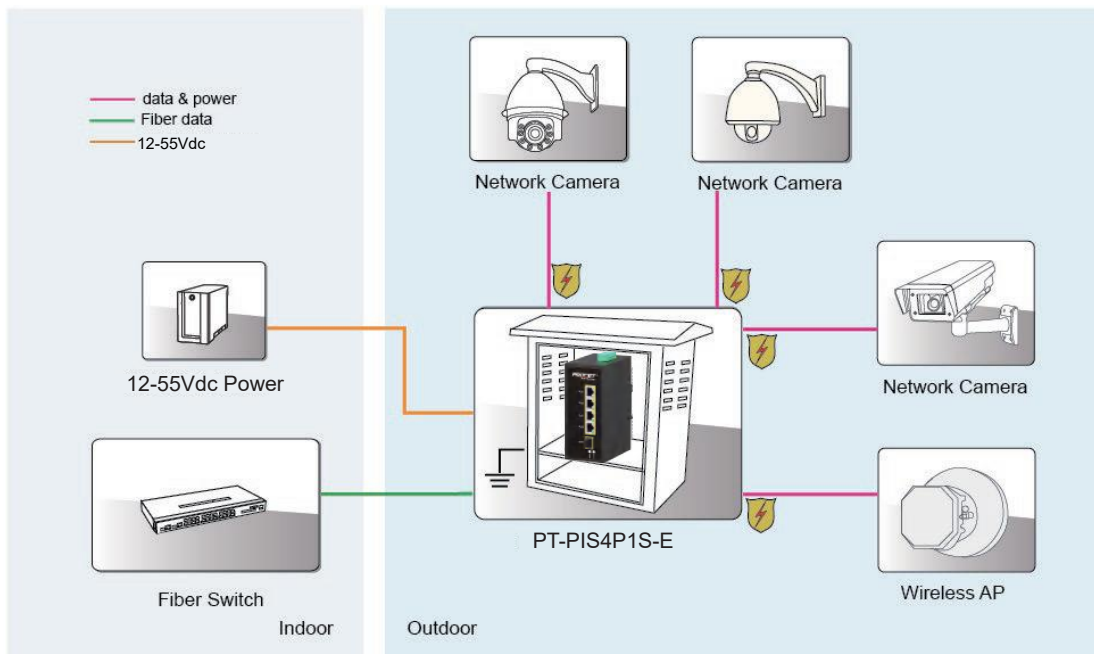


1. PoE1: Data&Power output port1
2. PoE2: Data&Power output port2
3. PoE3: Data&Power output port3
4. PoE4: Data&Power output port4

5. SFP1: Fiber Data input port
6. DC Power input indicator
7. SFP Data input indicator
8. PoE Load indicator

9. PoE Data Switching indicator
10. DC Power input port
11. DIN rail mounting bracket
12. Earth

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Full compliant with IEEE802.3af/at
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input : 12-55Vdc 10A Max
- Output: 55Vdc, 550mA(max) per port, Total 90W
- Power Pins: 4/5(+), 7/8(-)
- Data Speed: 10/100/1000BASE-T RJ45 Interfaces
1000BASE-X SFP Interfaces

Working Environment

- Operating Temperature: -40℃ to 65℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40℃ to 85℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

Mechanical Characteristics

- Case: Metal
- Color: Black
- Mounting: DIN-rail
- IP Rated: IP40
- Size: 144.5mm X 104.2mm X 60mm
- Weight: 1230g

LED Indicator

- Power Indicator : Green
- PoE Load Indicator : Green
- PoE Data Switching Indicator: Yellow
- SFP Data Input Indicator: Green

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

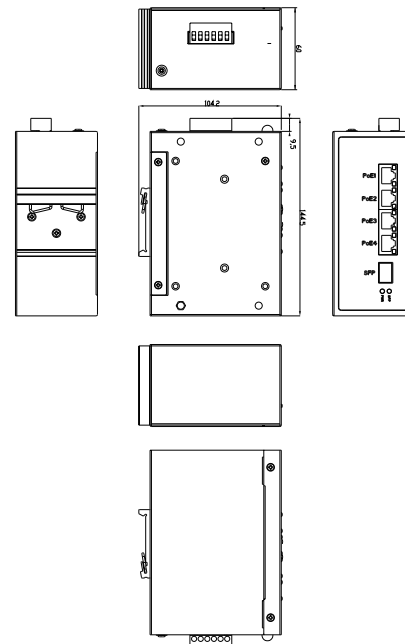
- IEC61000-4-2(ESD) $\pm 4\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: $\pm 1\text{kV}$; Data Port: $\pm 0.5\text{kV}$
- IEC61000-4-5(Surge) Line to Line: $\pm 1\text{kV}$, Line to Earth: $\pm 2\text{kV}$
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

Immunity

- IEC60068-2-6(Vibration)
- IEC60068-2-27(Impact)
- IEC60068-2-32(Free Fall)

PoE Surge Protection

- Protected line: 1,2,3,4,5,6,7,8
- Common mode surge protection(10/700us): 4KV
- Differential mode surge protection (10/700us): 1.5KV



Order Info. PT-PIS4P1S-E

802.3af/at/4 port/1000Mbps/Wide Temperature/Surge Protection

Packing PT-PIS4P1S-E
Manual x 1