



PT-PIS2PB2S-E

Dual-Port DIN PoE Switch

Product Overview

PT-PIS2PB2S-E is a two-port, industrial-scale, Fiber PoE switch which include 2 SFP fiber slots where the data input comes over fiber, such as special scenarios, like highway side, exurb applications. The two SFP ports support Multi mode or Single mode SFP transceiver. One DC input port needs to be feeded by the DC battery of 12-55Vdc.

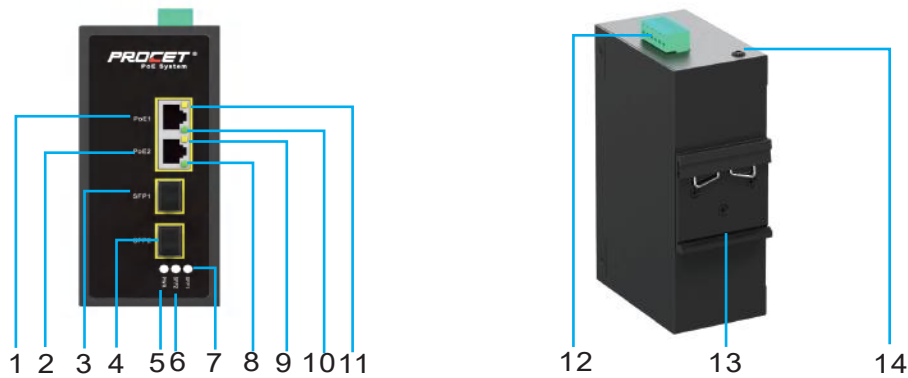
Enclosed in an IP40 high-impact metal case. It can be operated under wide temperature of -40℃ to 65℃.

After negotiating 802.3af/at/bt PoE++standard PoE, the 2 PoE output ports deliver 55Vdc, 1.1A power up to 90W for remote PDs over 4 pairs at 10/100/1000Mbps data rates. Low power devices receive only the power they need.

It fully complies with 802.3bt PoE++ and remains compatible with any IEEE802.3af/at compliant devices, such as IP Cameras, wireless APs, Microwave radio, IoT application, door locks, displays, POS, and information kiosks.

This model equipped standard DIN rail mounting bracket, which can easily jam into the guide rail.

Product Profile

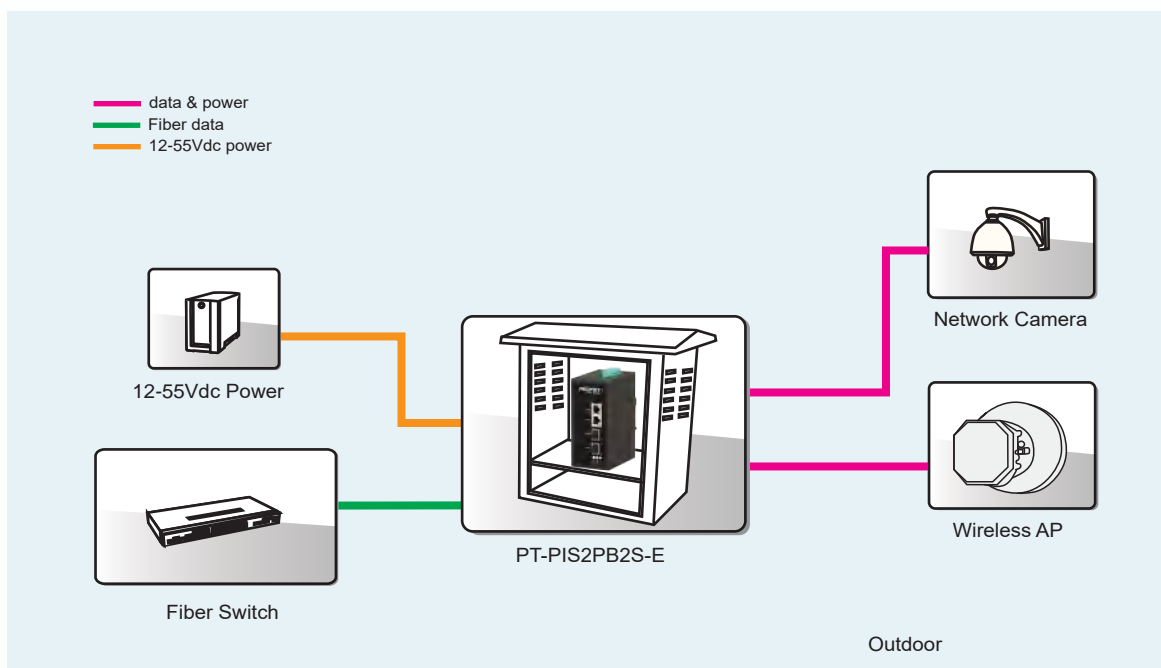


1. PoE1: Data&Power output port1
2. PoE2: Data&Power output port2
3. SFP1: Data input port1
4. SFP2: Data input port2

5. DC Power input indicator
6. SFP2 Data input indicator
7. SFP1 Data input indicator
8. PoE2 Load indicator
9. PoE2 Data Switching indicator

10. PoE1 Load indicator
11. PoE1 Data Switching indicator
12. DC Power input port
13. DIN rail mounting bracket
14. 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/bt PoE++
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :12-55Vdc 10A(Max)
- Output: 55Vdc 1.1A max per port, Total 90W
- Power Pins: 4/5(+), 7/8(-), 3/6(+),1/2(-)
- 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: 819g

LED Indicator

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

EMI

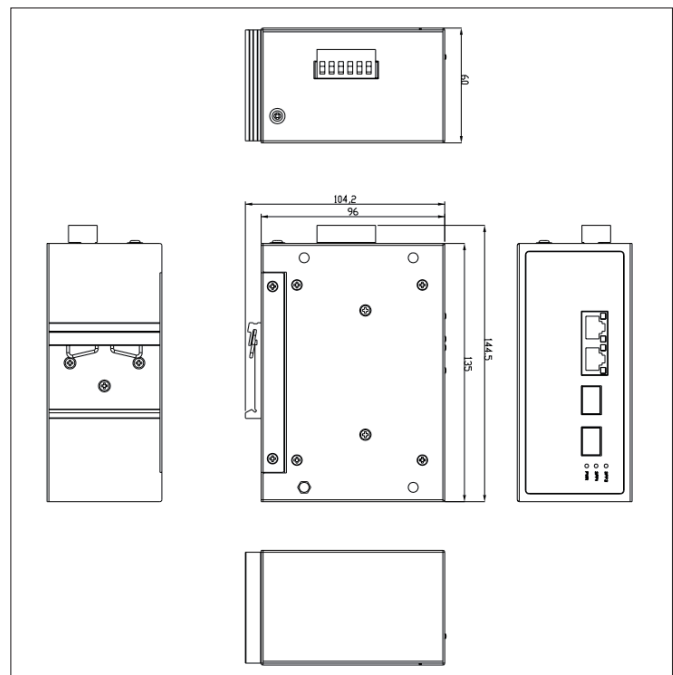
- FCC CFR47 Part 15, EN55032, EN55035

EMS

- IEC61000-4-2(ESD) $\pm 6\text{kV}$ (contact), $\pm 8\text{kV}$ (air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port: $\pm 2\text{kV}$; Data Port: $\pm 1\text{kV}$
- IEC61000-4-5(Surge) Power Port: $\pm 1\text{kV/DM}$, $\pm 2\text{kV/CM}$
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

Immunity

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



Order Info— PT-PIS2PB2S-E

12-55Vdc/1.1A per port/1000Mbps/(4,5+,7,8-)/(3,6+,1/2-)/Active

Packing PT-PIS2PB2S-E
Manual x 1