



## PT-PIS2PW2S-DC

### Dual-Port DC Input DIN PoE Switch

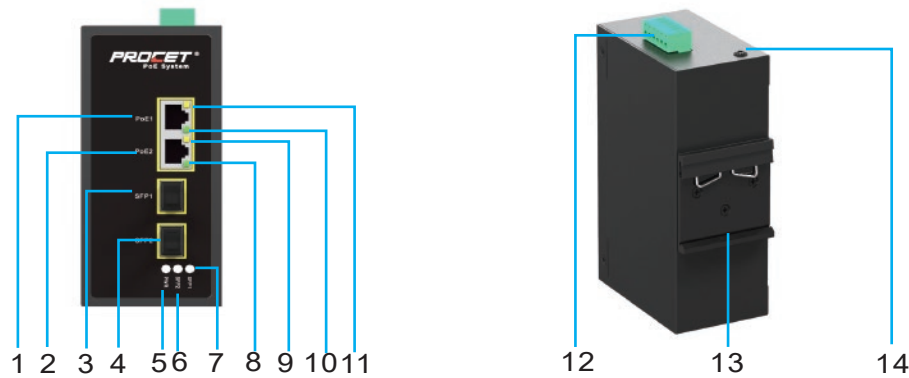
#### Product Overview

PT-PIS2PW2S-DC 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 44-57Vdc.

Enclosed in an IP40 high-impact metal case. It can be operated under wide temperature of -40°C to 75°C.

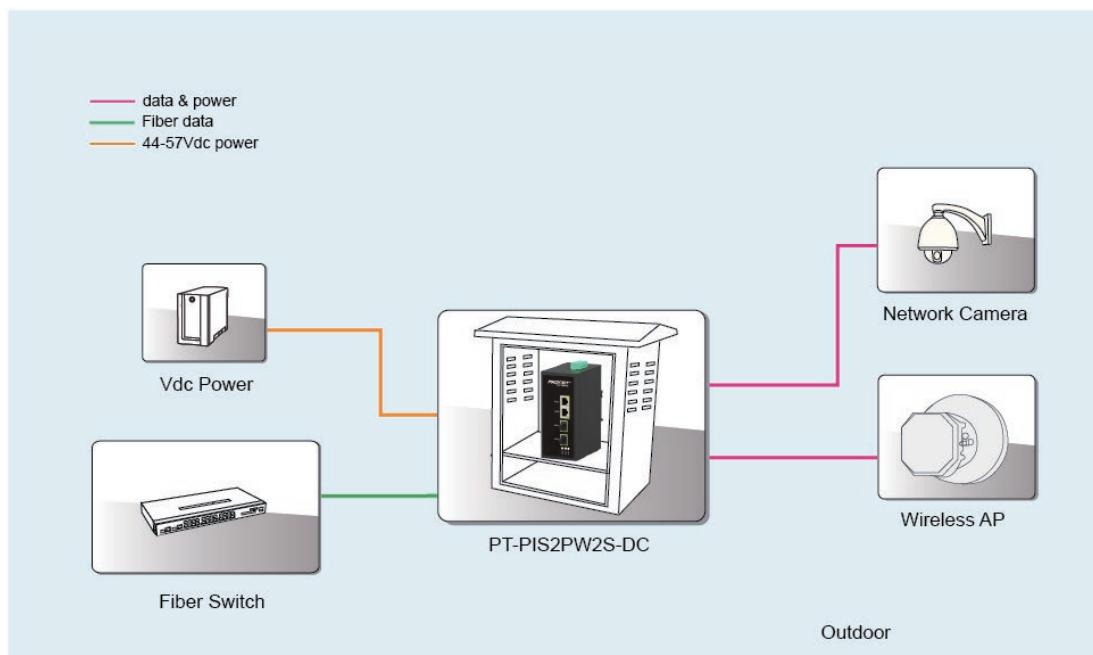
After negotiating 802.3af/at/PoE++ standard PoE, the 2 PoE output ports deliver 44-57Vdc, 1.1A power up to 60W for remote PDs over 4 pair at 10/100/1000Mbps data rates. Low power devices receive only the power they need. It fully complies with PoE++ and remains compatible with any IEEE802.3af/at compliant 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 | 5. DC Power input indicator      | 10. PoE1 Load indicator           |
| 2. PoE2: Data&Power output port2 | 6. SFP2 Data input indicator     | 11. PoE1 Data Switching indicator |
| 3. SFP1: Data input port1        | 7. SFP1 Data input indicator     | 12. DC Power input port           |
| 4. SFP2: Data input port2        | 8. PoE2 Load indicator           | 13. DIN rail mounting bracket     |
|                                  | 9. PoE2 Data Switching indicator | 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/PoE++
- RoHS Compliance
- WEEE Compliance

### Input & Output

- Input :44-57Vdc
- Output: 44-57Vdc 550mA per port\*2
- 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 C to 75 C
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40 C to 85 C
- 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: Green
- SFP Data Input Indicator: Green

### EMI

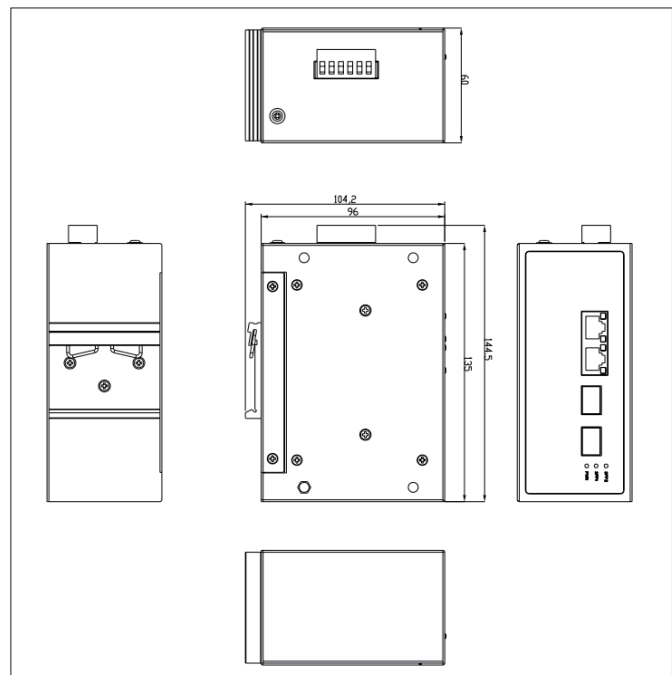
- FCC CFR47 Part 15, EN55032, EN55035

### EMS

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

### Immunity

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



**Order Info.** PT-PIS2PW2S-DC

44-57Vdc/1.1A per port/1000Mbps/(4,5+,7,8-)(3,6+,1/2-)/Active

**Packing** PT-PIS2PW2S-DC  
Manual x 1