

PTD-AF-5V

PoE to DC Output 5V Splitter

Product Overview

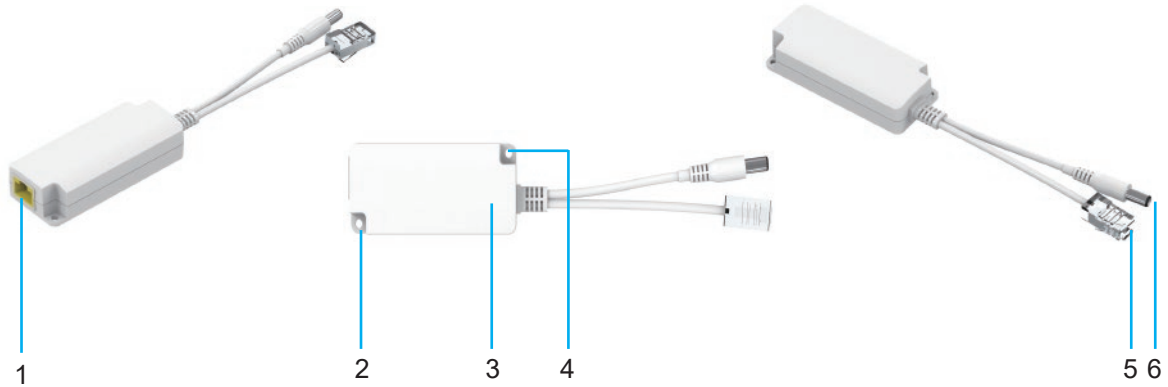
PTD-AF-5V is an indoor rated PoE splitter specially designed for complex backhaul and networking application. Enclosed in an IP40 fire retardant plastic case with compact design.

It works as a converter to get power and data from PoE injector or PoE Switch of 802.3af/at over RJ45 connector then separate power and data to PDs.

The output power is 5Vdc, 2.5A(max) via DC Male jack connector to PDs. Such as power communication station, wireless APs, network cameras, Tablet PC, and other need 5Vdc powered devices.

PoE signal into a separate data signal at 10/100Mbps. For planning purposes, the effective distance is 100 meters via Cat5e/Cat6 cables from Ethernet data source to PD.

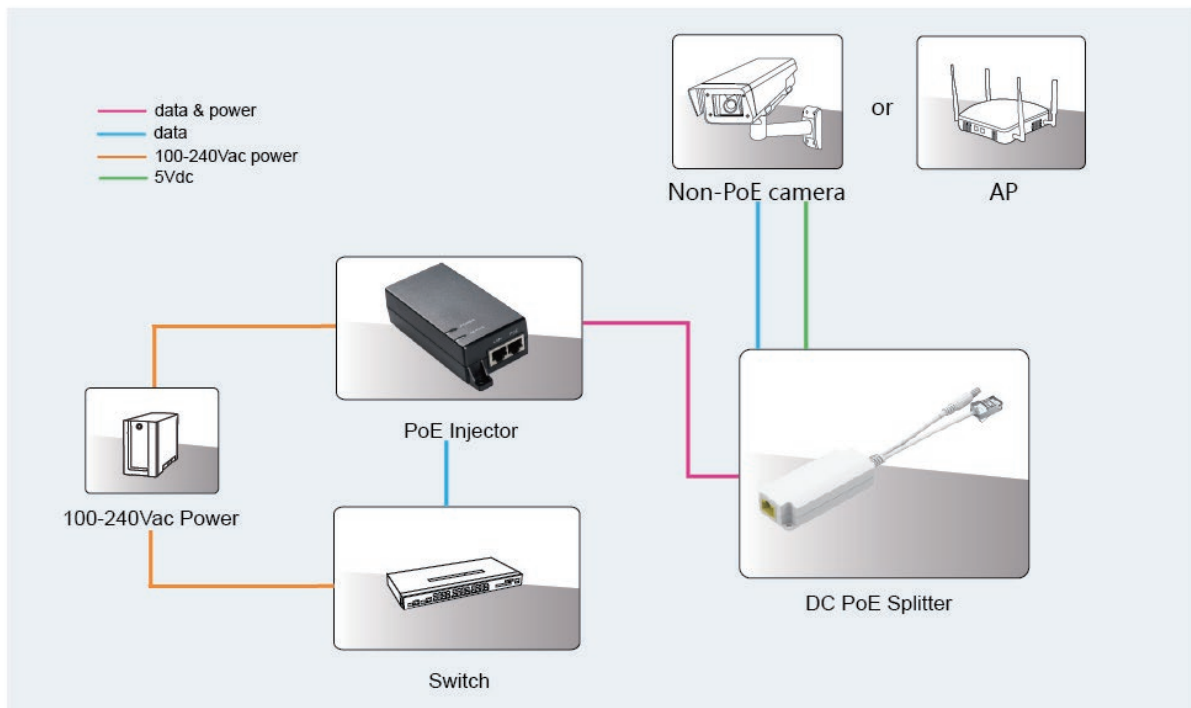
Product Profile



- 1. PoE: Data&Power input port
- 2. 4. Mounting holes
- 3. DC output indicator

- 5. LAN output port
- 6. DC Male Jack

Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- Support PoE injector with IEEE802.3af/at
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :40-57Vdc PoE injector/PoE Switch 802.3af/at
- Input Power Pins: 4/5(+), 7/8(-) or 3/6(+),1/2(-)
- Output: 5Vdc 2.0A @0℃ to 55℃,
5Vdc 2.5A(max) @0℃ to 40℃,
- Data Speed: 10/100Mbps

Working Environment

- Operating Temperature: 0℃ to 40℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -20℃ to 70℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 2000meters

Mechanical Characteristics

- Case: Plastic
- Color: white
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: (82.3+124.81)mm X 34.7mm X 19mm
- Weight: 200g
- Connectors: RJ45 Female*1, RJ45 Male*1
DC Male Jack 5.5*2.5mm

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

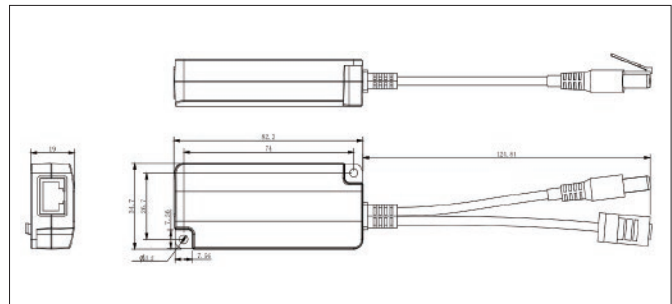
- IEC61000-4-2(ESD) Air discharge: 8kV,
Contact discharge: 4kV, Performance B
- IEC61000-4-3(RS) 80~1000MHz,3V/m,80%AM(1kHz),
Performance A
- IEC61000-4-4(EFT) AC Power line: 1kV, Performance B
DC Power line:0.5kV,Performance B
Signal line:0.5kV, Performance B

Immunity

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

LED Indicator

- Power output Indicator : Green



Order Info. PTD-AF-5V

5Vdc/2.5A/10/100Mbps/4,5(+),7,8(-) or 3,6(+),1,2(-)/PoE to DC

Packing. PTD-AF-5V
Manual x 1

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