



PT -

802.3af to USB-A 5V PoE Splitter

Product Overview

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

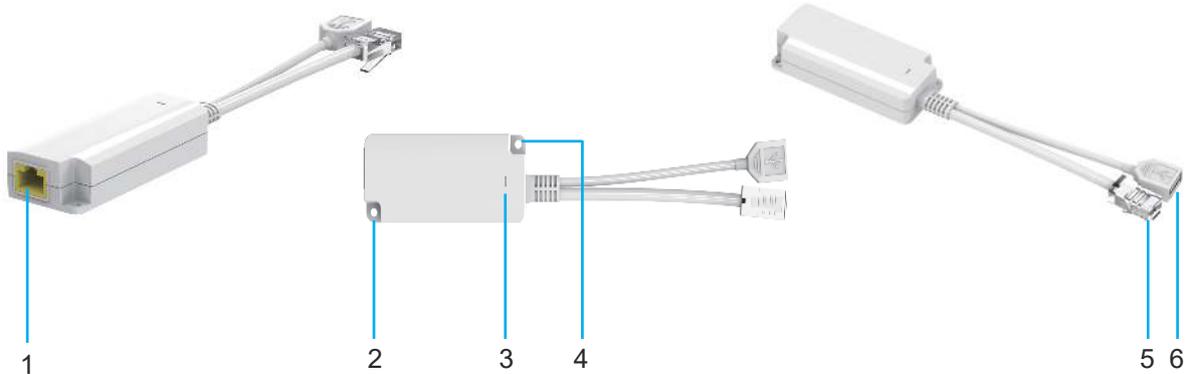
It works as a converter to get power and data from PoE injector or PoE Switch of 802.3af/at over RJ45 connector then separate power and data to PDs.

The output power is 5Vdc, 2.5A(max) via USB-A Female connector to PDs. Such as power communication station, wireless APs, network cameras, Tablet PC, and other USB-A 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.



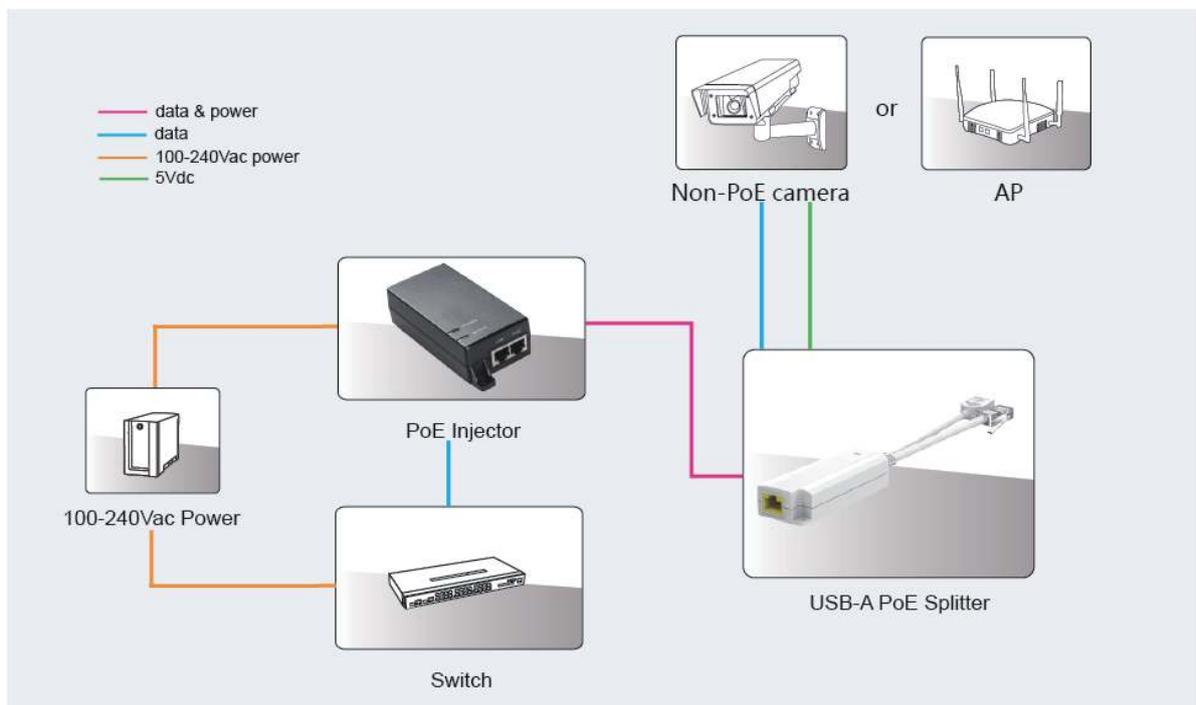
Product Profile



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

- 5. LAN output port
- 6. USB-A Female port

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(-)
or 3/6(-), 1/2(+)
- Output: 5Vdc 2.0A @ 0°C to 55°C,
5Vdc 2.5A(max) @ 0°C to 40°C,
- Data Speed: 10/100Mbps

Working Environment

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

Mechanical Characteristics

- Case: Plastic
- Color: white
- Mounting: Wall-mounted
- IP Rated: IP40
- Size: (81.3+130.9)mm X 34.7mm X 19mm
- Weight: 200g
- Connectors: RJ45 Female*1, RJ45 Male*1
USB-A Female*1

Safety Approvals

- CE
- FCC

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

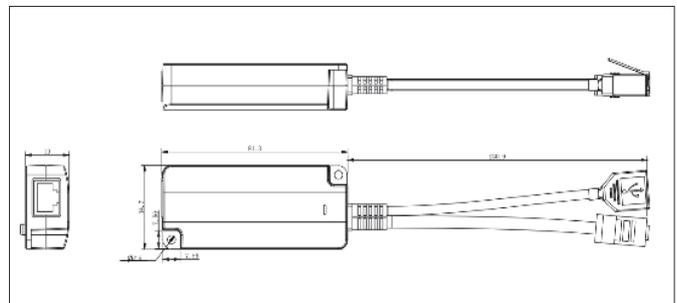
- IEC61000-4-2(ESD) Air discharge: 8kV,
Contact discharge: 4kV, Performance B
- IEC61000-4-3(RS) 80~1000MHz, 3V/m, 80%AM(1kHz),
Performance A
- IEC61000-4-4(EFT) AC Power line: 1kV, Performance B
DC Power line: 0.5kV, Performance B
Signal line: 0.5kV, Performance B

Immunity

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

LED Indicator

- Power output Indicator : Green



Order Info.

5Vdc/2.5A/10/100Mbps/PoE to USB-A

Packing.

Manual x 1