



Gigabit BT PoE to TYPE-C Converter

PT-PTC-BT

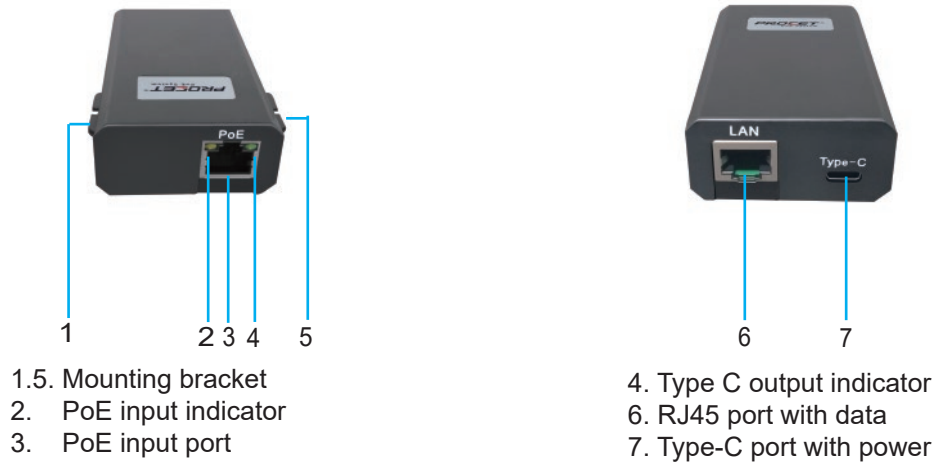
Product Overview

PT-PTC-BT is an indoor PoE rated networking converter, special convert power&data from PoE to Type-C devices. It is with 1 PoE port for 802.3bt standard input and 1 Type-C port for power output and 1 RJ45 port for data output. The data speed is 10/100/1000Mbps (Gigabit). This converter output total 60W for Type-C PDs, and the voltage output from 5V-20V base on the required of your Type-C PDs. It is designed with OVP,OCP, SCP, then worked safely for the Type-C PDs, such as computers, IPad, Macbook, Google Wifi etc.

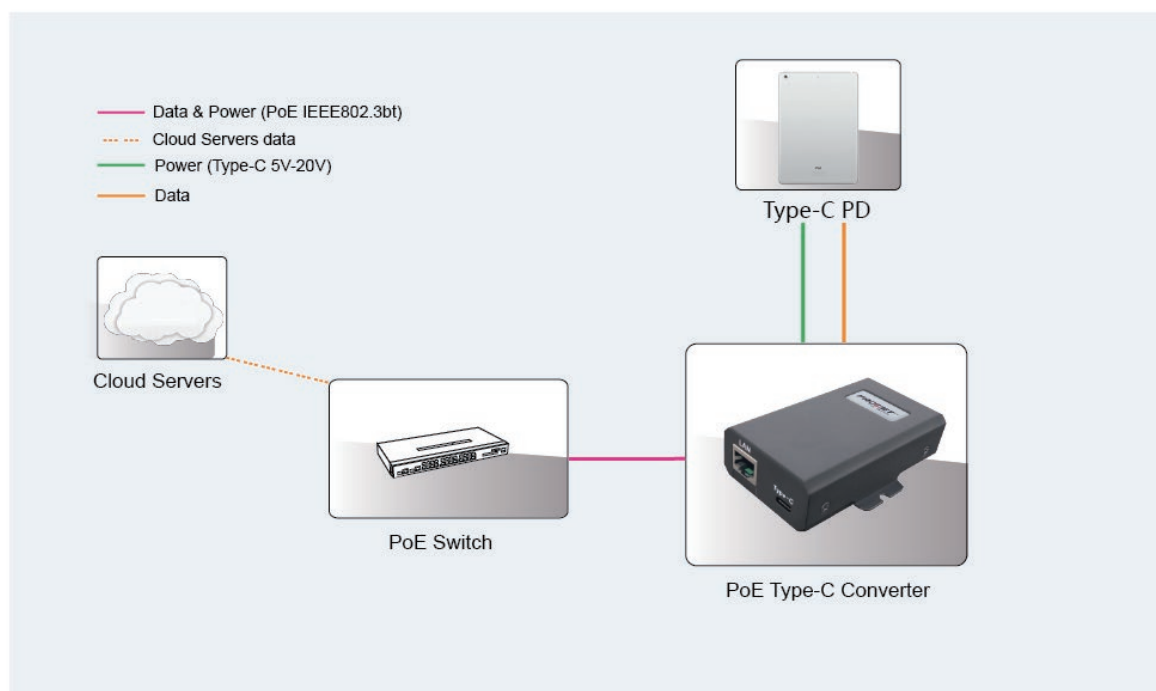
PT-PTC-BT only works for indoor environment, which designed to be powered from the IEEE802.3bt PoE switch or PoE injector. The standard effective distance is 100M from PoE switch or injector to Type-C converter over Cat5 /5e/6 cables.

Enclosed in an IP40 high-impact metal case with small size and easy to mount with two mounting bracket.

Product Profile



Product Working Diagram



Specification

Standard

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

Input & Output

- Input :44-57Vdc IEEE802.3bt
- Input Power Pins: 4/5(+), 7/8(-), 3/6(+), 1/2(-)
or 4/5(+), 7/8(-), 3/6(-), 1/2(+)
- Output: 5V3.0A/9V3.0A/12V3.0A/15V3.0A/20V3.0A
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -20℃ 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: Metal
- Connector Types: USB Type C & RJ45
- Color: Black
- IP Rated: IP40
- Size: 90mm X 64.22mm X 24mm
- Weight: 242g

Safety Approvals

- CE

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

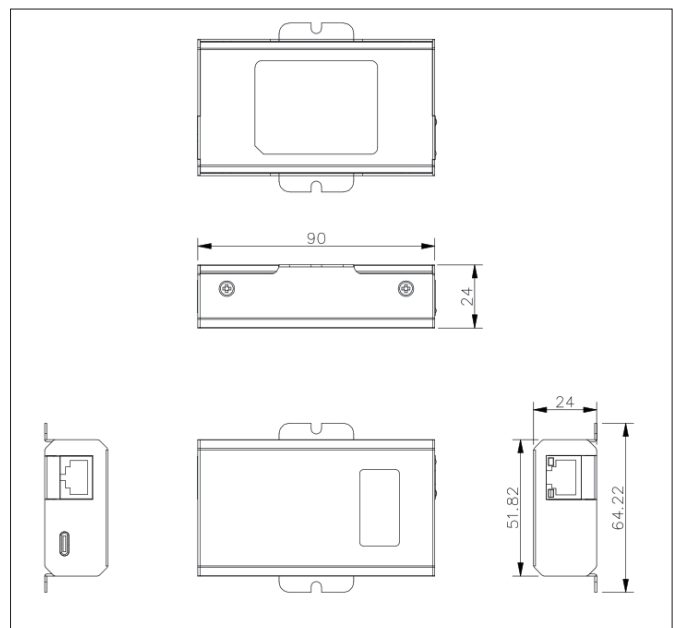
- IEC61000-4-2(ESD) Air discharge: 8kV,
Contact discharge: 4kV, Performance B
- IEC61000-4-3(RS) 80~1000MHz, 3V/m, 80%AM(1kHz),
Performance A
- IEC61000-4-4(EFT) AC Power line: 1kV, Performance B
DC Power line: 0.5kV, Performance B
Signal line: 0.5kV, Performance B

Immunity

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

LED Indicator

- PoE input indicator: Yellow
- Type C output indicator: Green



Order Info. PT-PTC-BT

5V-20V, 3.0A/60W/1000Mbps/Type-C&RJ45 Port

Packing. PT-PTC-BT
Manual x 1