



**PT-PD208GBH-12**

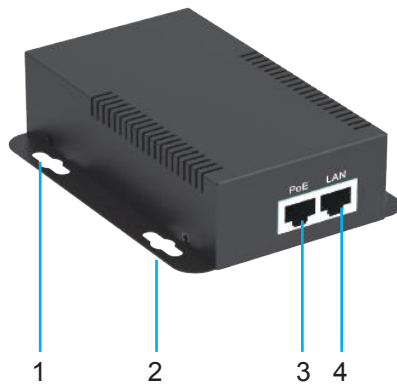
## 12V Output Gigabit PoE Splitter

### Product Overview

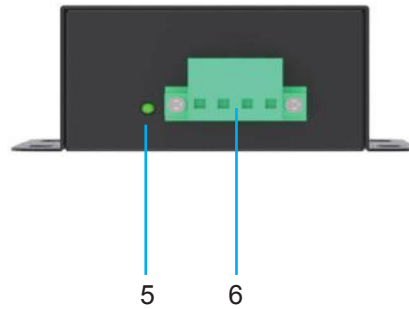
PT-PD208GBH-12 is a single port PoE splitter with high-impact metal shell. It works as a converter separating power and data from PoE injector and delivering power and data to non-PoE devices. The output power is 12Vdc 6.8A. It supports 10/100/1000Mbps of data speed. It works for 95W non-PoE PDs, such as high power communication station, wireless APs, network cameras and other non-PoE terminals.

PT-PD208GBH-12 is designed for indoor use. It works with input voltage of 40-57Vdc from PoE injector. The effective distance is 100 meters over Cat5e/Cat6 cables. It is an isolated design inside to avoid high current input damage. Innovative technology increase energy-efficient up to 94%. The model is easy to install with four mounting holes.

### Product Profile

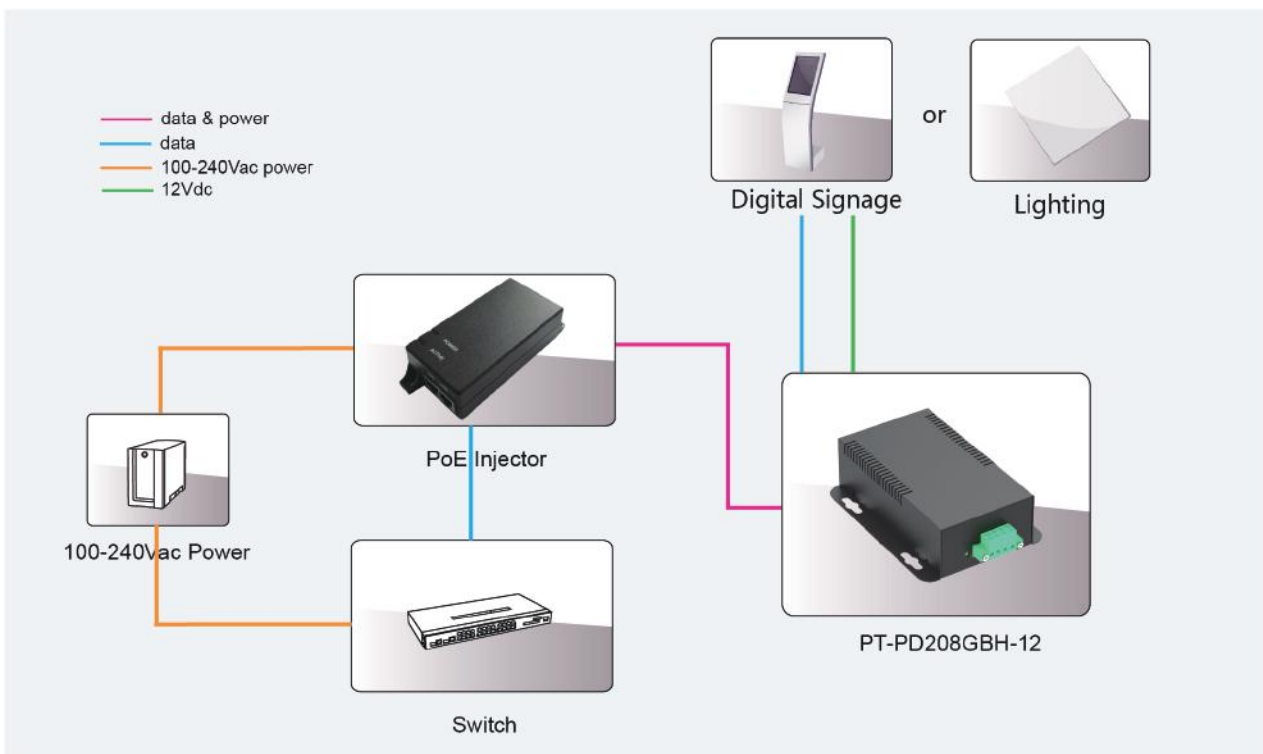


- 1.2. Mounting hole
- 3. PoE: Data&Power input port
- 4. LAN output port



- 5. Power output indicator
- 6. DC power output connector

### Product Working Diagram



## Specification

### Standard

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

### Input & Output

- Input :40-57Vdc (Typical 48V) 1.0A
- Output: 12Vdc 6.8A
- Power Pins: 4/5(+), 7/8(-) and 3/6(+), 1/2(-)
- Data Speed: 10/100/1000Mbps

### 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: Metal
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP20
- Size: 128mm X 89mm X 36mm
- Weight: 350g

### EMI

- FCC CFR47 Part 15, EN55024, EN55032

### EMS

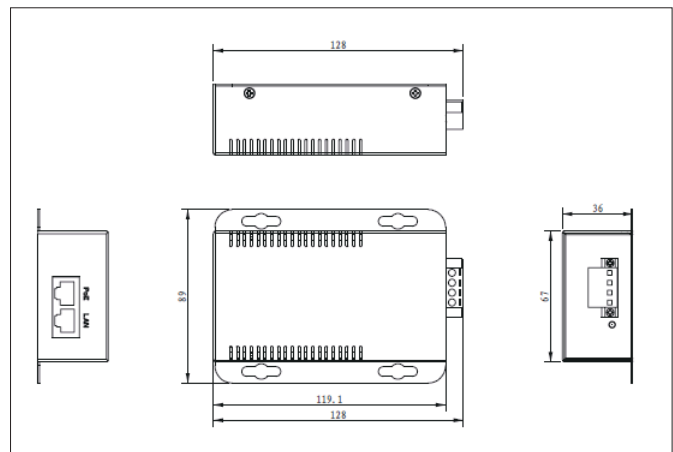
- IEC61000-4-2(ESD)  $\pm 6$ kV(contact),  $\pm 8$ kV(air)
- IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
- IEC61000-4-4(EFT) Power Port:  $\pm 2$ kV; Data Port: $\pm 1$ kV
- IEC61000-4-5(Surge) Power Port: $\pm 1$ kV/DM,  $\pm 2$ kV/CM
- IEC61000-4-6(CS) 10V(150kHz~80MHz)

### Immunity

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

### LED Indicator

- Power output Indicator : Green



**Order Info.** PT-PD208GBH-12

12Vdc/6.8A/1000Mbps/4,5(+),7,8(-),3,6(+),1,2(-)

**Packing.** PT-PD208GBH-12  
Manual x 1

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