![PROCET PoE System logo]

Wide-temp. Dual Port 95W PoE Injector
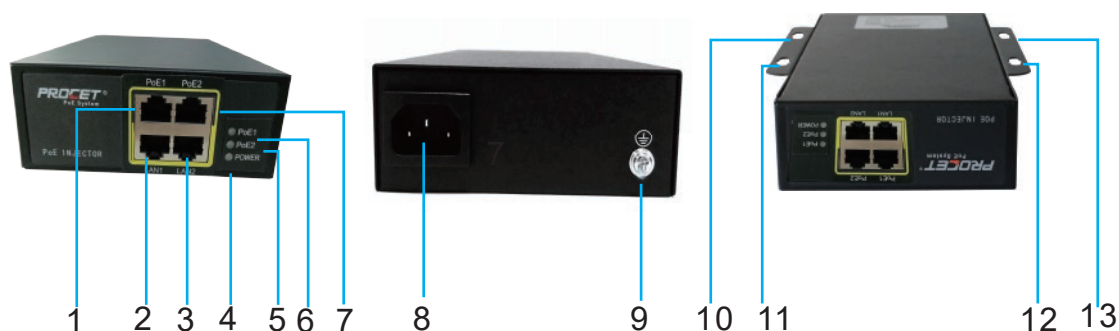
PT-PSE209GRO-A

Product Overview

PT-PSE209GRO-A is an indoor industrial-rated dual port PoE midspan/Injector specially designed for complex backhaul and networking applications. Enclosed in an IP20 high-impact metal case.

After negotiating IEEE802.3af/at/PoE++ standard PoE, the two PoE output port simultaneously delivers 55Vdc, up to 0.928A at 51W power for remote PDs over 4 Pairs at 10/100/1000Mbps data rates. It doesn't have switch board inside, but data can convert between the two PoE ports. It can be also used as single port PoE which delivers 55Vdc, 1.75A up to 95W for remote PD.

It works with a wide input voltage of 100-240VAC, 50 or 60 Hz and operates under -40℃ to +65℃. It fully complies with IEEE802.3 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.

For planning purposes, the effective distance is 100 meters over Cat5e/Cat6 cables.

Product Profile

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1   2   3   4   5 6 7      8           9    10  11              12  13
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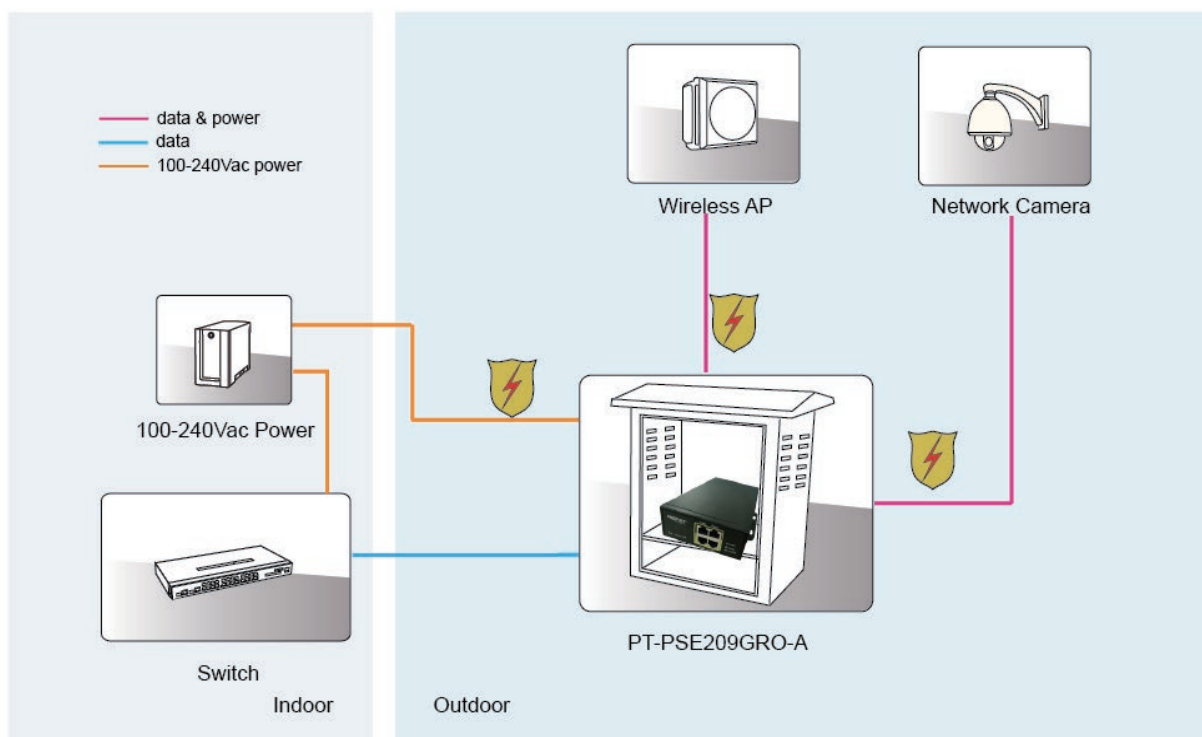
1.7. PoE: Data & Power Output Port
2.3. LAN: Data Port
4. Power Indicator

5.6. PoE Load Indicator
8. AC Power Input
9. Earth

10,11,12,13. Mounting Hole

Product Working Diagram

- data & power
- data
- 100-240Vac power

Wireless AP   Network Camera

100-240Vac Power

Switch

PT-PSE209GRO-A

Indoor   Outdoor

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 :100-240Vac 2.0A 50/60Hz
- Output: 55Vdc 928mA *2 Ports, Total 95W
- Power Pins: 4/5(+), 7/8(-) and 3/6(+),1/2(-)
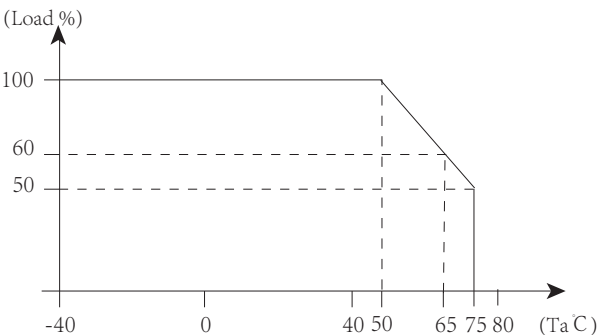- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40℃ to 65℃
- Operating Humidity: 20% to 80%, non-condensation
- Storage Temperature: -40℃ to 85℃
- Storage Humidity: 10% to 90%, non-condensation
- Operating Altitude: up to 5000meters

LED Indicator

- Power Indicator: Green
- PoE Load Indicator: Green

Performance Data

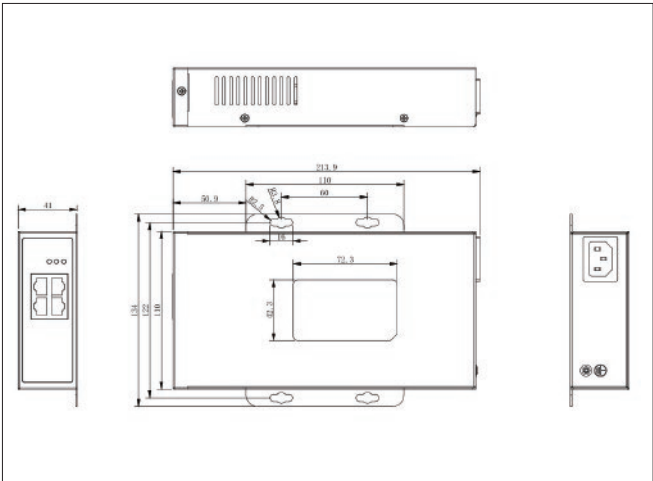Load Loss (%)@Temperature（℃）

AC Surge Protection

- Line-Earth   1.2/50us (8/20us): 6KV
- Line-Line   1.2/50us (8/20us): 4KV

PoE Surge Protection

- Protected line: 1,2,3,4,5,6,7,8
- Common mode surge protection(10/700us): 6KV
- Differential mode surge protection (10/700us): 1.5KV

Mechanical Characteristics

- Case: Metal
- Color: Black
- Mounting: Wall-mounted
- IP Rated: IP20
- Size: 214mm X 134mm X 41mm
- Weight: 1070g

Order Info.
PT-PSE209GRO-A   55Vdc/0.928A*2 Ports/1000Mbps/6KV Surge protecion/Active

Packing
PT-PSE209GRO-A   x 1
Power Cord x 1 (Optional)
Operation Manual x 1