



Gigabit 120W PoE Injector

PT-PSE109GRMN

Product Overview

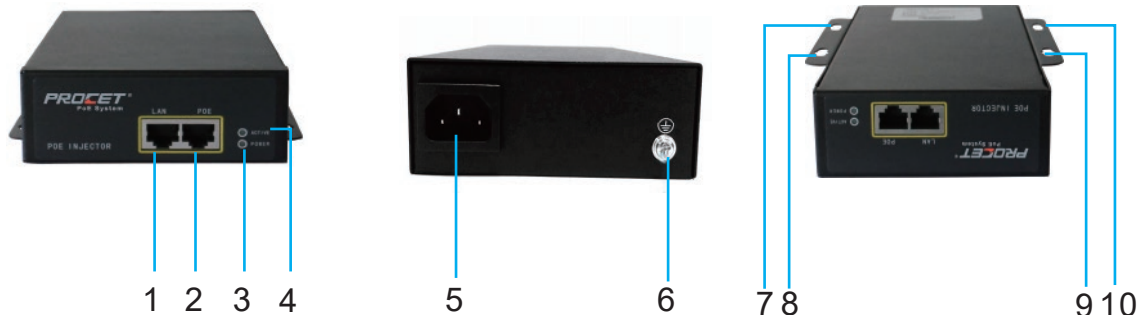
PT-PSE109GRMN is a single-port PoE Injector. It provides 55Vdc, 2.2A power for remote PDs over full 4 pairs with 6KV (10/700us) surge protection. It supports both 10/100 Base-T and Gigabit device. It works for 120W PoE PDs, such as wireless APs, base stations, high power cameras, door locks, displays, POS, information kiosks and other high power Ethernet terminals. It is also compatible and safe to use with any IEEE802.3af/at/bt compliant terminals.

PT-PSE109GRMN is designed for indoor use. It works with 100-240Vac input. It will directly power PDs without detecting. The effective distance is 100 meters over Cat5e/Cat6 cables. It is specially suitable for working in complex power situations.

It is easy to install with four mounting holes.



Product Profile

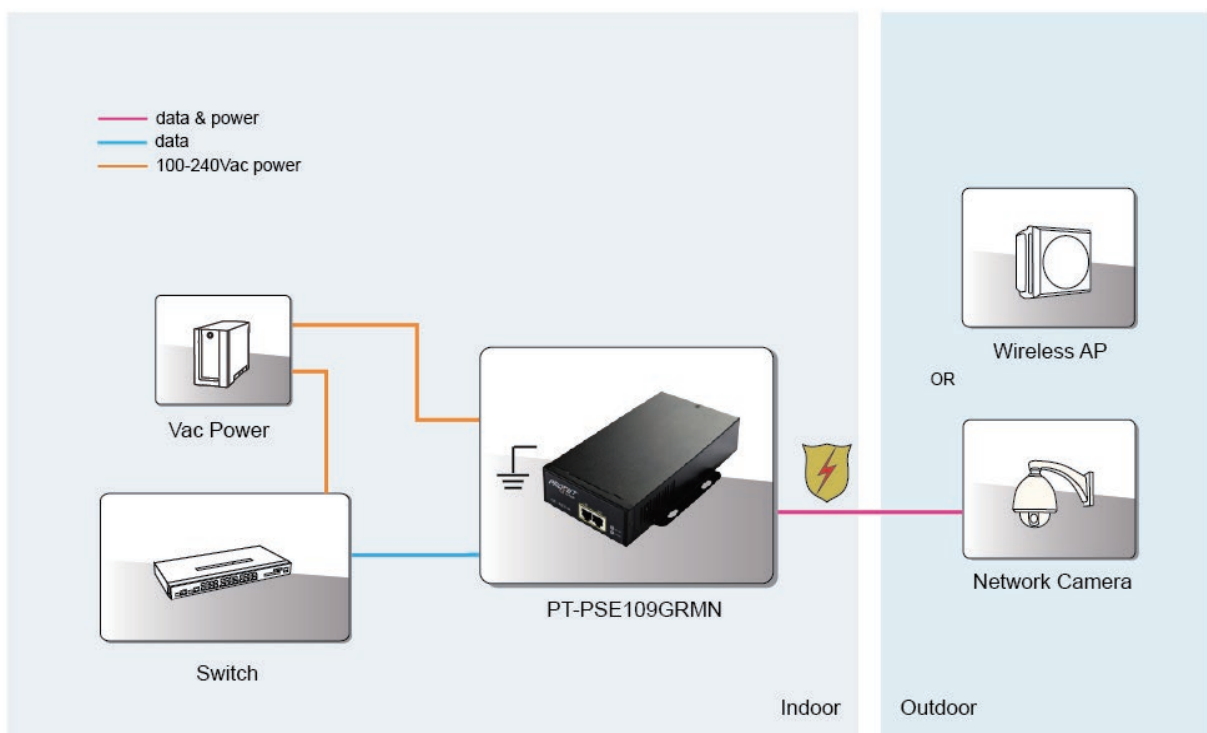


- 1. LAN: Data Input Port
- 2. PoE: Data & Power Output Port
- 3. Power Indicator

- 4. PoE Load Indicator
- 5. AC Power Input
- 6. Earth

- 7,8,9,10. Mounting Hole

Product Working Diagram



Specification

Standard

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

Input & Output

- Input :100-240Vac 3.0A 50/60Hz
- Output: 55Vdc 2200mA
- 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 5000meters

AC Surge Protection

- Line-Earth 1.2/50us (8/20us): 2KV
- Line-Line 1.2/50us (8/20us): 1KV

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

LED Indicator

- Power Indicator: Green
- PoE Load Indicator: Green

Safety Approvals

- CE
- FCC
- UKCA

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

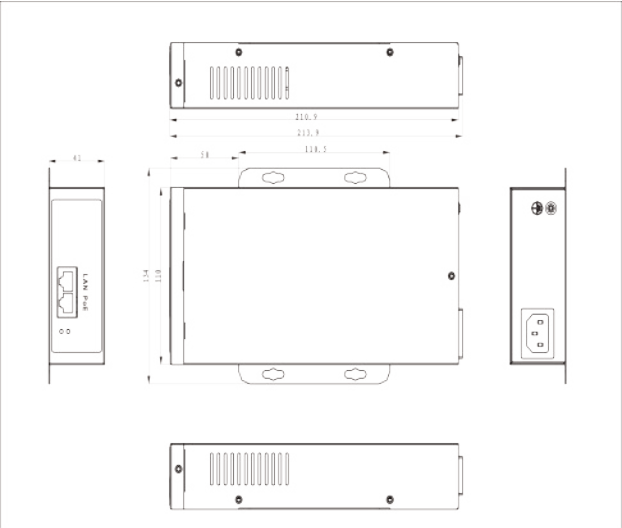
- IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
- IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

Immunity

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

Mechanical Characteristics

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



Order Info.

PT-PSE109GRMN

120W/1000Mbps/(4,5+,7,8-) and (3,6+,1,2-)/surge protection/Passive

Packing

PT-PSE109GRMN x 1
Power Cord x 1 (Optional)
Operation Manual x 1



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