



Outdoor Dual-Port PoE Injector

PT-PSE208GRW-OT

Product Overview

PT-PSE208GRW-OT is a dual-port PoE Injector with waterproof metal casing. It has sealing gasket inside which passed extension, bearing, corrosion, aging test. It provides 55Vdc, 0.55A power per port for remote two PDs simultaneously over 2 pairs output with 6KV (10/700 us) surge protection. It supports 10/100/1000Mbps of data speed. It works for 30W PoE PDs, such as wireless APs, network camera, VoIP phone, base stations, and other power Ethernet terminals. It is compliant with IEEE802.3at standard and is also compatible with any IEEE802.3af standard equipment.

PT-PSE208GRW-OT is designed for outdoor use, which works with 100-240Vac input and operates under -40 °C to +65 °C. It has a detecting chip inside, which will detect and classify PD before powering it. It will not provide power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.

It is easy to install with installation kit PT-POT-MBK (Sold separately). Data exchange between two PoE ports.



Product Profile

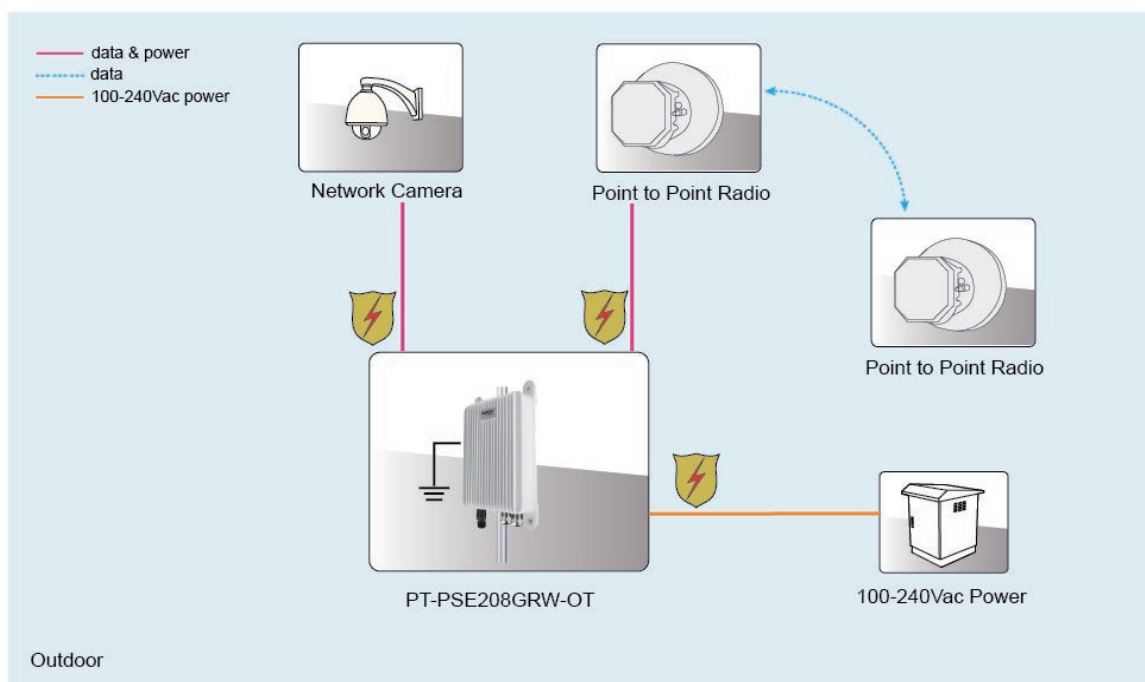


- 2. AC Input Port
- 3. PoE: Data&Power Port
- 4. PoE: Data&Power Port



- 1,5,6,7. Mounting Hole
- 8. Earth

Product Working Diagram



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
- RoHS Compliance
- WEEE Compliance
- Protection Level: IP67, IEC60529, NEMA 250

Input & Output

- Input :100-240Vac 1.5A 50/60Hz
- Output: 55Vdc 550mA Per Port, 60W total
- Power Pins: 4/5(+), 7/8(-)
- 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 95%, non-condensation
- Operating Altitude: up to 5000meters

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

Safety Approvals

- CE
- FCC
- IP67

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

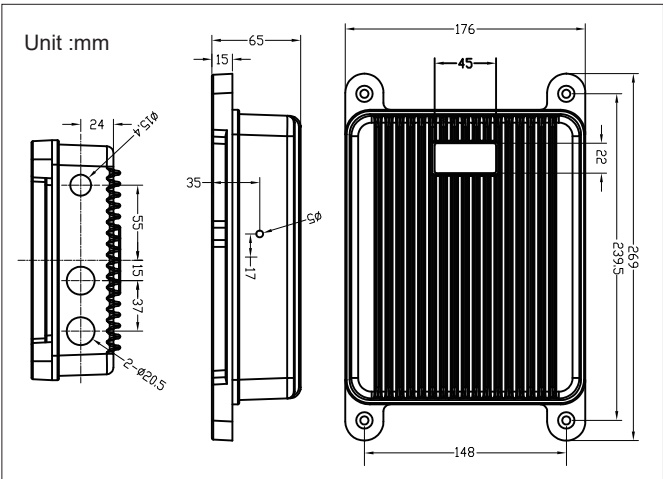
- IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
- IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

Immunity

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

Mechanical Characteristics

- Case: Aluminum Alloy
- Color: White
- Mounting: Pole-mounted
- IP Rated: IP67
- Size: 176mm X 269mm X 65mm
- Weight: 1.8kg



Order Info. PT-PSE208GRW-OT 2 ports/30W per Port/1000M/(4,5+,7,8-)/Outdoor IP67/Surge Protection/Active

Packing PT-PSE208GRW-OT
Manual x 1

Option PT-POT-MBK Outdoor installation Kit