



Outdoor Fiber PoE Switch

PT-POS401GRF-OT

Product Overview

PT-POS401GRF-OT is an outdoor rated switch special designed for exterior, complex backhaul and networking applications, special scenarios, like highway side, exurb, etc.

Enclosed in an IP66 Reflective Aluminum alloy case with a sealing that gasket passes tension, bearing, corrosion, and aging test. Pass salt spray resistance test. The three PoE output port compliant with IEEE802.3af/at with 6KV (10/700us) surge protection deliver power at 55Vdc 0.55A power for remote PDs at 1000Mbps.

It works with wide input voltage of 100-240Vac and operates under -40 °C to +65 °C. Equipped 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 ideal for wireless APs, network camera, VoIP phone, base stations, and other Ethernet power terminals. Easily to install with installation kit (PT-POT-MBK Sold separately). The IP66 housing does not need to be opened and provides a quick, seamless installation.



Product Profile

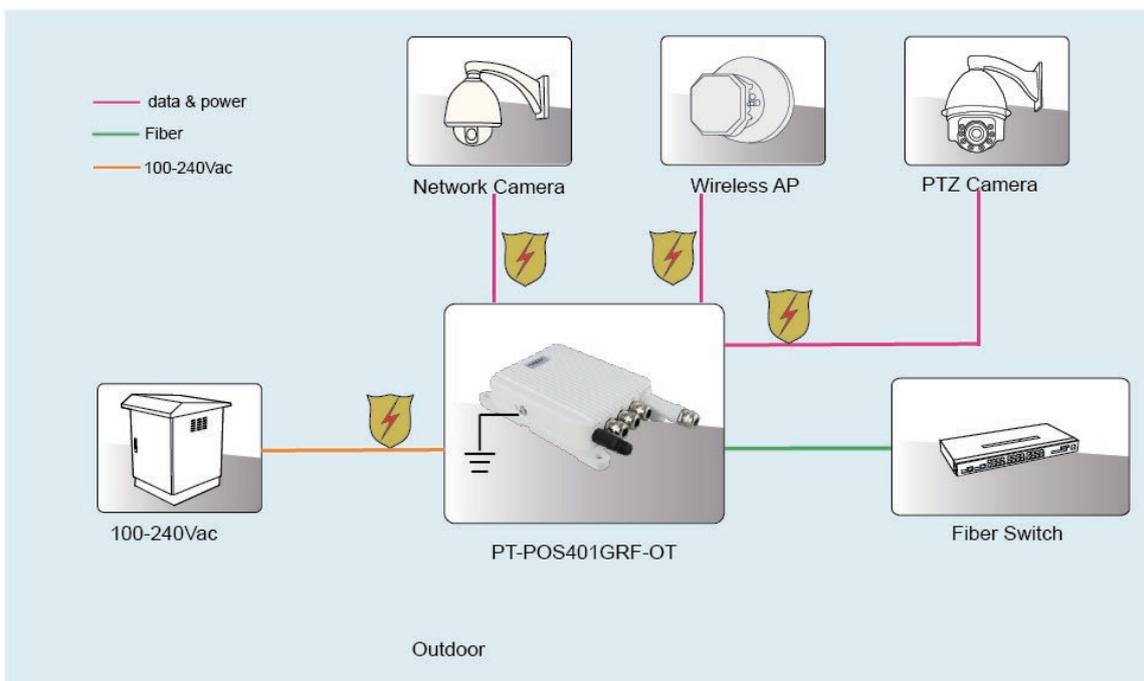


- 1. LINE AC: AC Power Input Port
- 2. PoE 1: Data&Power Output Port
- 3. PoE 2: Data&Power Output Port
- 4. PoE 3: Data&Power Output Port
- 5. PoE 3: Data&Power Output Port



- 6. SFP: Data Input Port
- 7,8,9. Mounting Hole
- 10. Earth

Product Working Diagram



Specification

Standard

- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Compliant with IEEE802.3af/at
- RoHS Compliance
- WEEE Compliance

Input & Output

- Input :100-240Vac 2.0A 50/60Hz
- Output: 55Vdc 550mA*3 Ports 802.3at standard
- Power Pins: 3/6(+), 1/2(-)
- Data Speed: 1000Mbps

Working Environment

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

AC Surge Protection

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

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: White
- Mounting: Wall-mounted/Pole-mounted
- IP Rated: IP66
- Size: 176mm X 269mm X 65mm
- Weight: 1.8kg

Safety Approvals

- CE

EMI

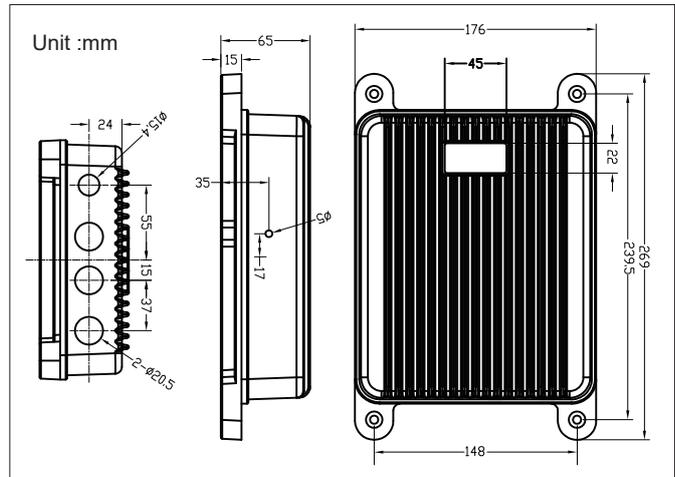
- FCC CFR47 Part 15, EN55024, EN55032

EMS

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

Immunity

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



Order Info. PT-POS401GRF-OT

55Vdc/0.55A /1000Mbps/3,6(+), 1,2(-)/Surge Protection/IP66

Packing PT-POS401GRF-OT
Manual x 1

Option PT-POT-MBK Outdoor installation Kit