



## Outdoor 4 Port 60W Fiber PoE Switch

## PT-POS401GWRF-OT

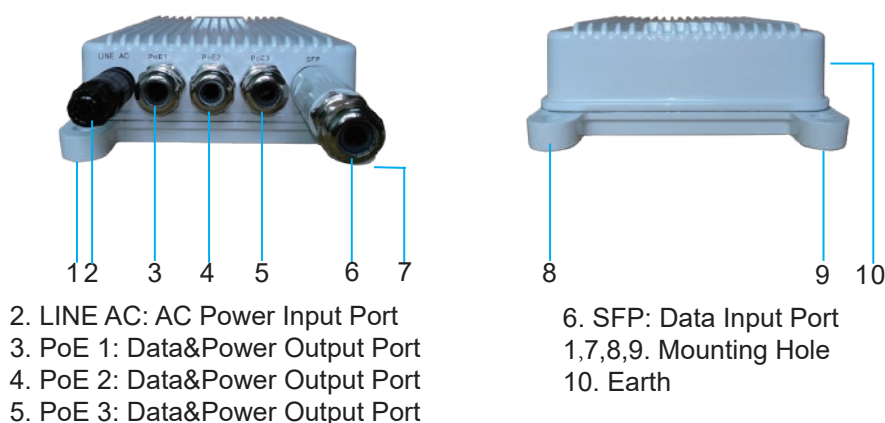
### Product Overview

PT-POS401GWRF-OT is a 4-port PoE switch with waterproof metal casing. It has sealing gasket inside which passed extension, bearing, corrosion, aging test. 4 ports include 1 SFP fiber data uplink and 3 PoE output ports with 6KV (10/700us) surge protection, each PoE output port provides 55Vdc, 1.1A power for remote PDs. It supports 10/100/1000Mbps of data speed. It is compliant with IEEE802.3af/at/PoE++ standard can power wireless APs, network camera, VoIP phone, base stations, and other high power Ethernet terminals.

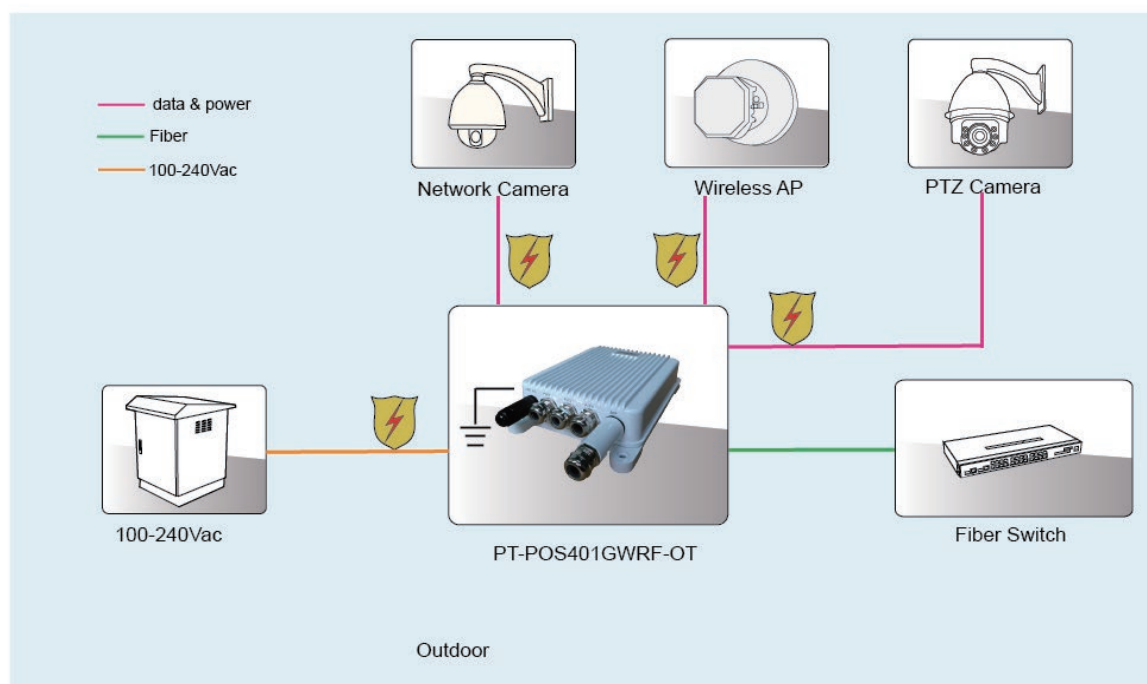
PT-POS401GWRF-OT is designed for outdoor using. It works with input voltage of 100-240Vac and operates under -40 °C to +65 °C. It has detecting chip inside, which will detect and classify PD before powering it. It will not provide power until a standard-compliant PD is detected. The effective distance is 100 meters over Cat5e/Cat6 cables.

It is specially suitable for working in complex power situations. It is easy to install with installation kit PT-POT-MBK, no need to open the equipment.

### Product Profile



### Product Working Diagram



Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Compliant with IEEE802.3af/at/PoE++
- RoHS Compliance
- WEEE Compliance
- Protection Level: IP67, IEC60529

Input & Output

- Input :100-240Vac 2A 50Hz~60Hz
- Output: 55Vdc 1100mA (Per Port)\*3  
Total power budget 160W
- Power Output Pins: 3/6(+), 1/2(-), 4/5(+), 7/8(-)
- Data Speed: 10/100/1000BASE-T RJ45 Interfaces  
1000BASE-X SFP Interfaces

Working Environment

- Operating Temperature: -40℃ to 65℃
- Operating Humidity: 20% to 90%, 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

EMI

- FCC CFR47 Part 15, EN55032, EN55035

EMS

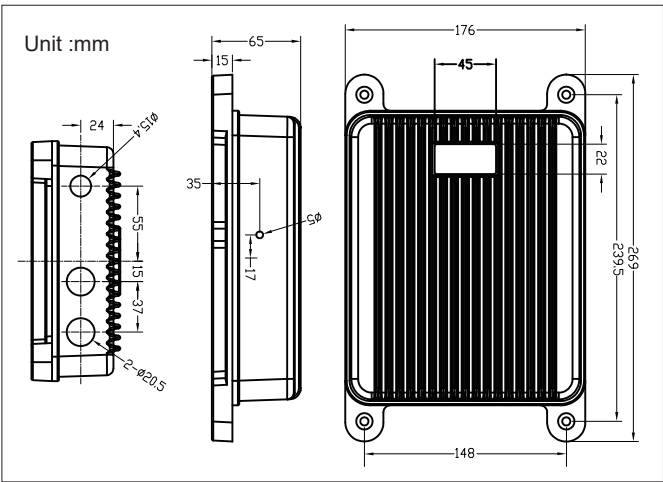
- IEC61000-4-2(ESD) ± 4kV(contact), ±8kV(air)
- IEC61000-4-3(RS) 3V/m(80MHz~1000MHz)
- IEC61000-4-4(EFT) Power Port: ±1kV; Data Port:±0.5kV
- IEC61000-4-5(Surge) Line to Line:±1kV, Line to Earth:±2kV
- IEC61000-4-6(CS) 3V(0.15MHz~10MHz)

Immunity

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

Mechanical Characteristics

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



Order Info. PT-POS401GWRF-OT

55Vdc/60W Per Port/1000Mbps/Surge Protection/IP67 Outdoor/Active

Packing PT-POS401GWRF-OT  
Manual x 1

Option PT-POT-MBK Outdoor installation Kit