



Outdoor 4-port PoE Switch

PT-POS401GR-OT-D

Product Overview

PT-POS401-OT-D 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 PoE input port and 3 PoE output ports with 6KV (10/700us) surge protection, each output port provides 55Vdc, 0.55A power for remote PDs, total up to 95W(max). It supports 10/100/1000Mbps of data speed. It is fully compliant with IEEE802.3at standard and is also compatible to use with any IEEE802.3af standard equipments, such as wireless APs, network camera, VoIP phone, base stations, and other high power Ethernet terminals.

PT-POS401GR-OT-D is designed for outdoor using, which is powered by ultra PoE. It works with input voltage of 44-57Vdc and operates under -40℃ to +65℃. It has detection 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

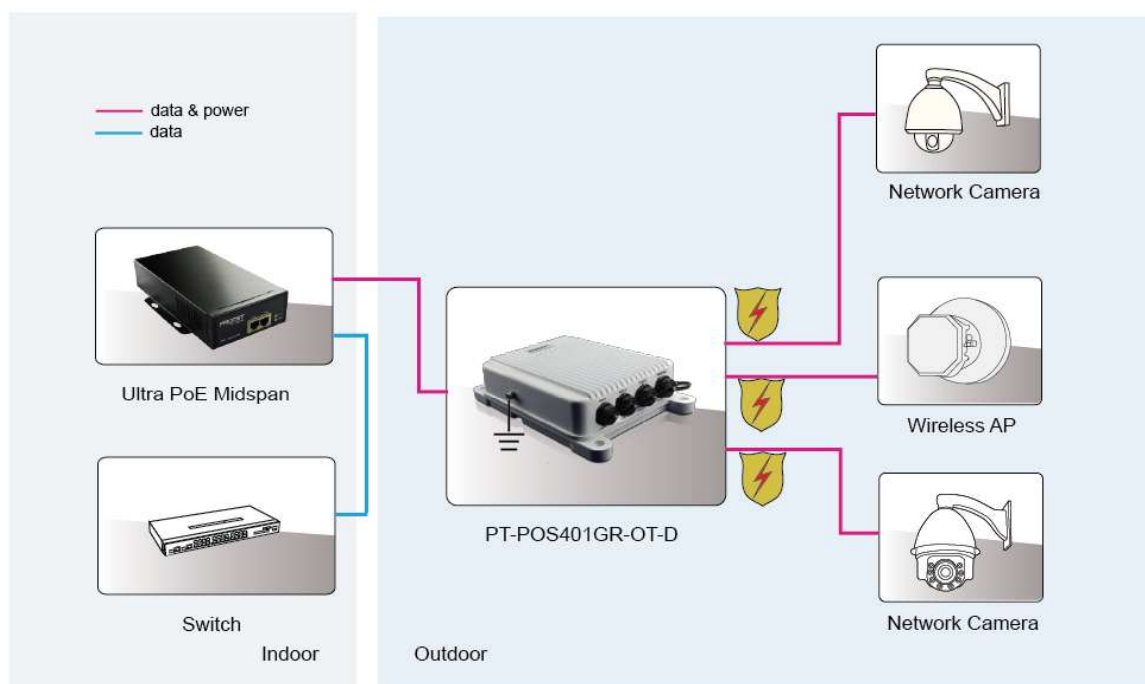


- 1. Data&Power Output Port
- 2. Data&Power Output Port
- 3. Data&Power Output Port
- 4. Data&Power Output Port



- 5. Data&Power Input Port
- 9. Earth
- 1,6,7,8. Mounting Hole

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 :44-57Vdc
- Power Input Pins: 4/5(+), 7/8(-) & 3/6(+), 1/2(-)
- Output: 55Vdc 550mA (Per Port)
- Power Output Pins: 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

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: IP67
- Size: 176mm X 269mm X 65mm
- Weight: 1.8kg

Safety Approvals

- IP67

EMI

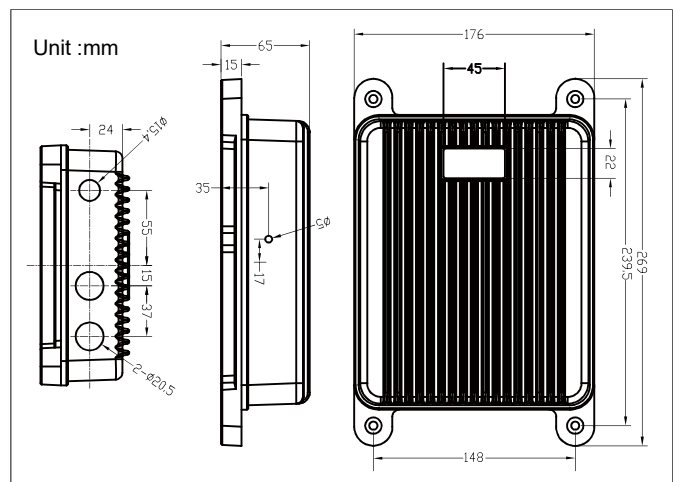
- FCC CFR47 Part 15, EN55024, EN55032

EMS

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

Immunity

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



Order Info. PT-POS401GR-OT-D 55Vdc/95W total/30W Per Port/1000M/3,6(+), 1,2(-)/Surge Protection/IP67/Active

Packing PT-POS401GR-OT-D
Manual x 1

Option PT-POT-MBK Outdoor installation Kit



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