



Wide Temperature 1000Mbps PoE Midspan

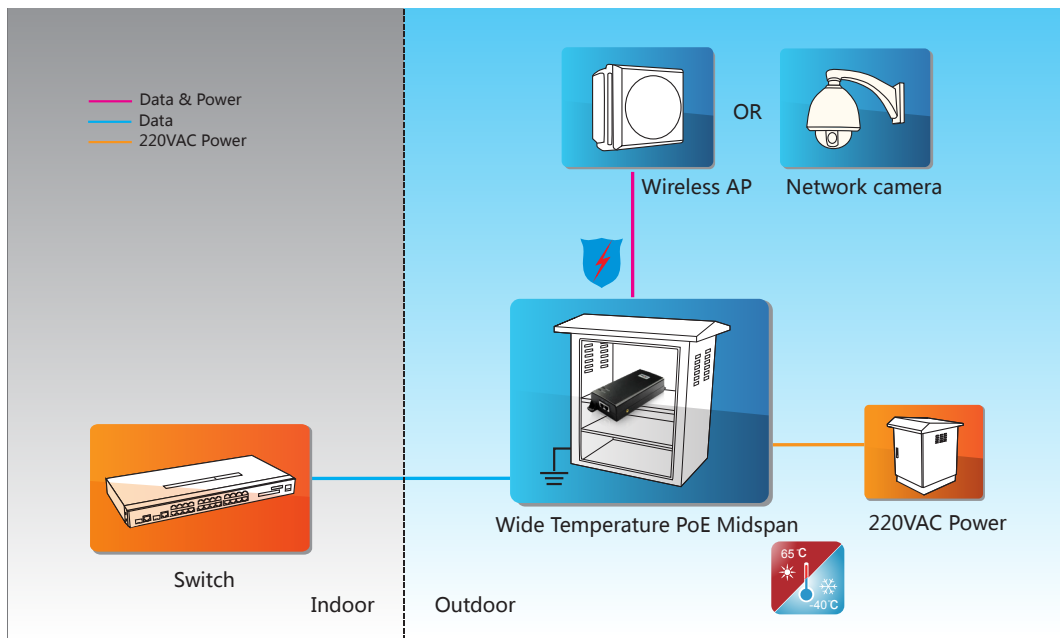
PT-PSE106GRO

Introduction

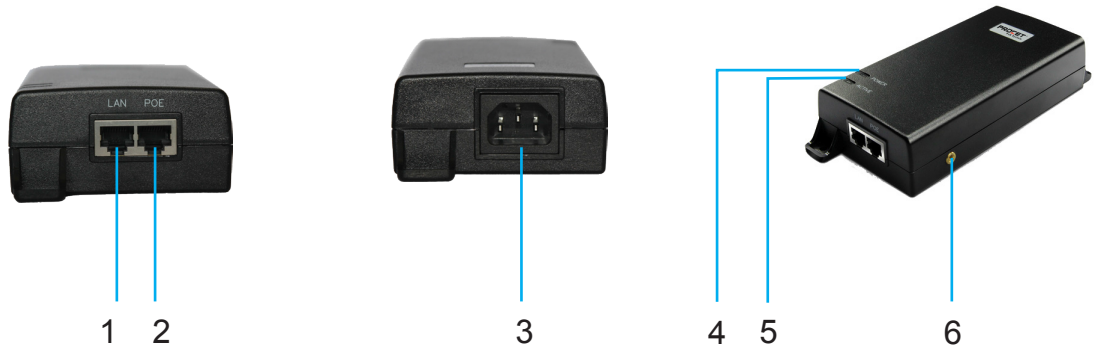
PT-PSE106GRO is a single-port wide temperature and high power midspan with lightning protection. It provides 55VDC, 30W power for remote PD, with 8-line signals output and 6KV(10/700us) surge protection, compact design, convenience using and support 10/100/1000Mbps. It provides power for IEEE802.3af/at terminal high-power equipment, such as wireless AP, network camera and VoIP phone.

PT-PSE106GRO works well indoor with input voltage 100-240VAC. It is connected to network equipment through Cat5e cable. The effective distance is 100 meters, and can work longer to 400 meters with adding PoE extender.

Work Functional Picture



Product Interface Picture



1. Data Input Port
2. PoE Power Output Port
3. AC Power Input Port

4. AC Power Instruction Light
5. Load Activations Instruction
6. GND

Key Features

- AT chip is inside, detect PD before provide power
- Output voltage: 55V/550mA, 30W
- Power Pins 4/5(+), 7/8(-)
- Provide signal and PoE lightning protection 6KV
- Wide temperature design: -40 C to +65 C
- Compact design, high power, lower cost
- Outdoor using, waterproof case is needed
- Support terminal equipment with IEEE802.3af/at

Specification

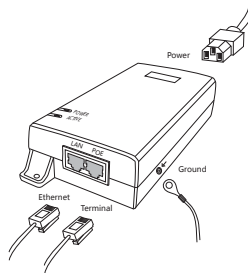
Standards

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support terminal equipment with IEEE802.3af/at
- RoHS Compliant
- WEEE Compliant, CE/FCC
- FCC Part 15, Class B
- EN 55022 Class B, EN 55024
- MTBF: 100,000 hours.@25 C

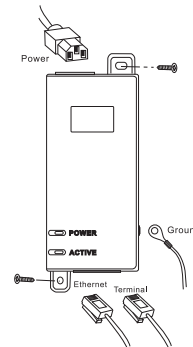
PoE Power Output

- Port No: 1
- Ethernet pins: 4/5(+), 7/8(-)
- Transmission Rate: 10/100/1000Mbps
- Output Voltage: 55V
- Output current: 550mA
- Input AC voltage:100-240VAC
- Input AC current: 1.0A@ 100-240VAC
- AC Hz: 50-60Hz

Installation Structure



(1) Desktop Placement Installation



(2) Wall Fixed Installation

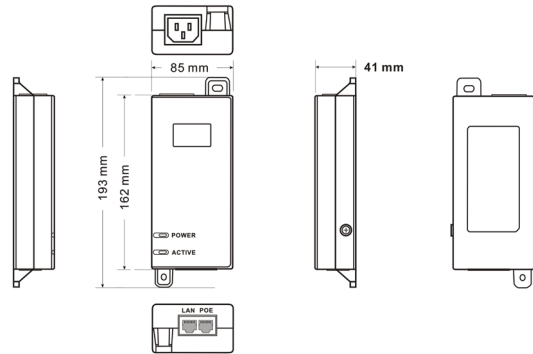
Ordering Info: PT-PSE106GRO

55VDC Output/30W/1000M/Surge-protection/(4.5+/7.8-)/Active

Product Packing: PT-PSE106GRO x 1
Product manual x 1
Power Cord x 1

Outline Drawing

Unit :mm



Dimension & Weight

- Dimension: 193mm X 85mm X 41mm
- Weight: 380g

Environmental & conditions

- Operating Temperature: -40 C to +65 C
- Operating Height: -304.8meters to 3048meters
- Operating Humidity: Maximum90%, Non-condensation

AC Input Surge Protection

- 2KV

Network Signal Surge Protection

- Protected line: 1, 2, 3, 4, 5, 6, 7, 8
- Common-mode surge protection(10/700us): 6KV

PoE Power Output Surge Protection

- Different-mode suige protection(10/700us): 6KV
- Power clamp voltage(4,5-7,8): 60VDC