![PROCET PoE System logo]

Multi-Port PoE Surge Protector

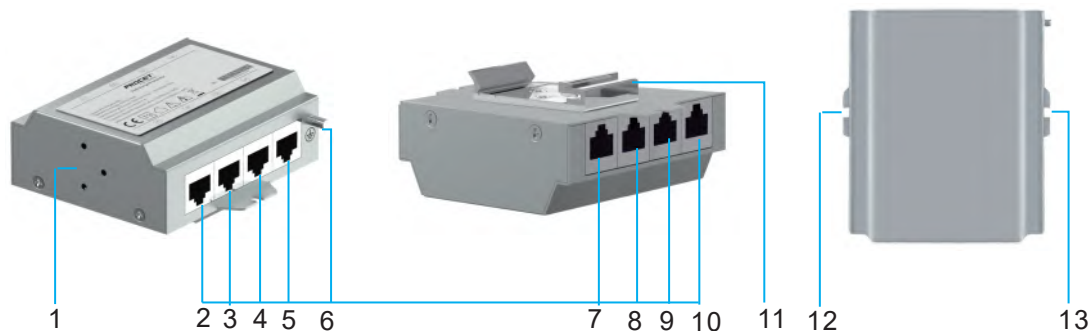**PT-PR04G**

Product Overview

PT-PR04G is Multi-port PoE surge protector, which has 4 pairs RJ45 ports can protect up to four separate Network cables. Each pair port can be PoE in or PoE out and supports 8 lines network signals and provides surge protection for PoE wires.

The maximum common mode surge voltage is 10KV(10/700us) and differential mode surge voltage is 1.5KV(10/700us). It supports 10/100/1000Mbps of date speed. It also supports PoE wires with IEEE802.3af/at/bt or PoE++ standard and protects your device against surge damage.

PT-PR04G is designed for indoor use with Zinc alloy shell, which works with 60Vdc Max voltage and operates under -40℃ to 85℃. It is connected to network over Cat5e/Cat6 cables with RJ45 connectorconveniently and tightly. This model can be placed on desk or equip standard DIN rail mounting bracket whichcan easily jam into the guide rail. The bracket is very flexible which can be fixed on back or side. There are also wall mounting tabs on either side if you do not like it to be rail-mounted.
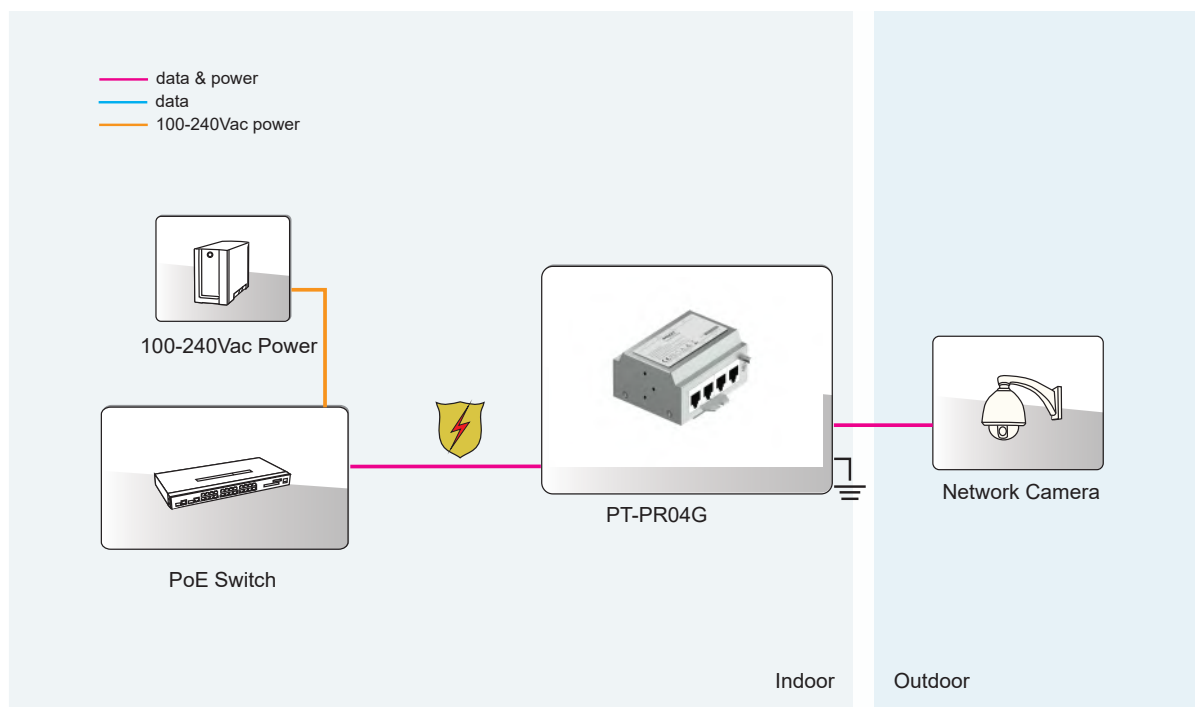
CE RoHS

Product Profile

1. DIN Rail Mounting Bracket Holes
2.3.4.5.7.8.9.10 Surge Protector Input Or Output Port
6. Earth
11.DIN Rail Mounting Bracket(Can be removed)
12.13.Mounting tabs

Product Working Diagram

—— data & power
—— data
—— 100-240Vac power

100-240Vac Power

PoE Switch

PT-PR04G

Network Camera

Indoor   Outdoor

Specification

Standard

- IEEE802.3 10Base-T Ethernet
- IEEE802.3u 100Base-Tx Fast Ethernet
- IEEE802.3ab 1000Base-T Gigabit Ethernet
- Support PoE wire with IEEE802.3af/at standards
- Support 120W IEEE802.3bt and PoE++ standards
- RoHS Compliance
- WEEE Compliance

Input & Output

- Operating Voltage: 60Vdc Max
- Maximum Operating Power :Maximum 120W
- Data Speed: 10/100/1000Mbps

Working Environment

- Operating Temperature: -40℃ to 85℃
- 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

- Max Discharge Current: 10KA(8/20us,1.25KA per line)
- Protected Line: 1,2,3,4,5,6,7,8
- Common Mode Protection Level(10/700us): 10KV
- Differential Mode Protection Level(10/700us): 1.5KV
- Insertion Loss @10MHz/100MHz：-1db
- Return Loss @10MHz/100MHz: -20db
- Response Time：5ns

Mechanical Characteristics

- Case: Zinc alloy
- Color: Grey
- Mounting: DIN Rail mounted or Wall mounted
- IP Rated: IP40
- Size: 86.2mm X 86.6mm X 34.5mm
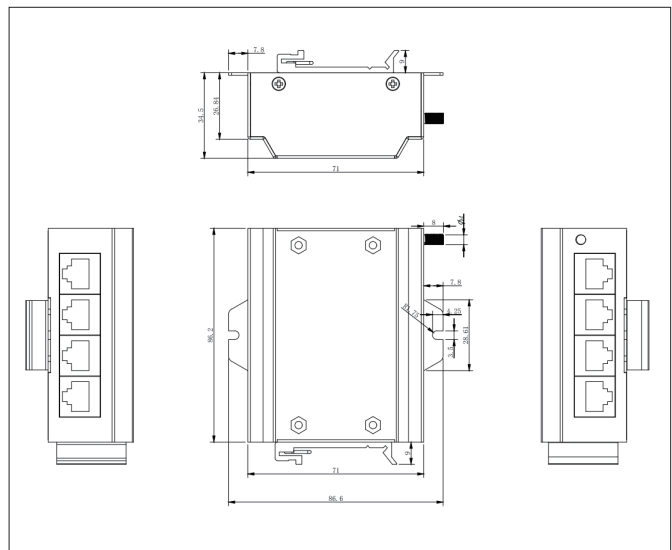- Weight: 400g

Safety Approvals

- CE

EMI

- FCC CFR47 Part 15, EN55032, EN55035

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-PR04G   Multi-Port PoE Surge Protector/60Vdc Max/1000Mbps/10KV Surge Protection

Packing   PT-PR04G
DIN Rail Mounting Bracket
Ground lug Wire: 16AWG
Manual x 1