

Surge Protector

ITEM NO.: SP006PH 1G PoE Surge Protector

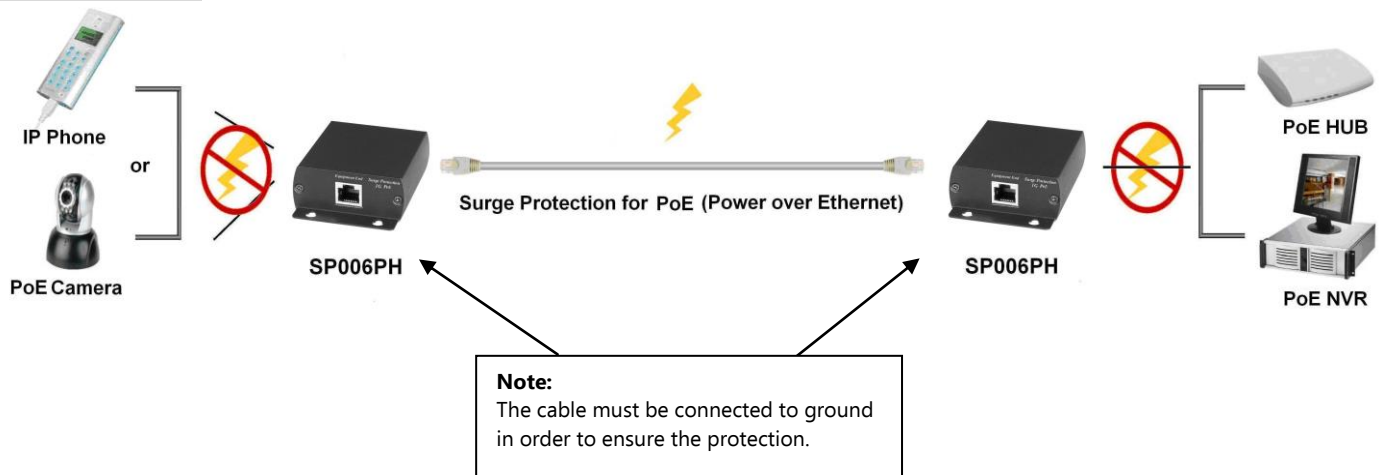


SP006PH is designed to protect Power-Over-Ethernet (PoE) data/communication lines in local and wide area. Link speed is up to 1Gbps (1000Base-T).

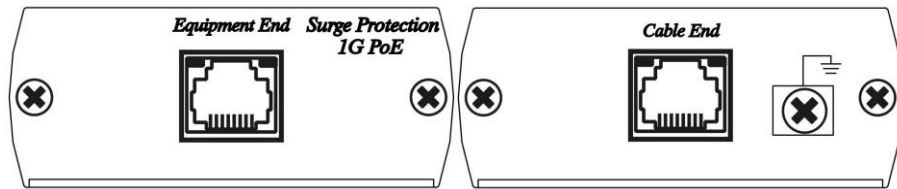
Features:

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- RJ45 Jack to RJ45 Jack.
- Power and signal line protection.
- Support 10/100/1000 Base-T.
- Support Mid-Span PoE and End Span PoE.
- Support 802.3af / 802.3at and IEEE 802.3bt 71W.
- Support POE device up to 90W.
- Comply with IEC 61000-4-5, IEC 61000-4-2, EN61000-4-5

Installation:



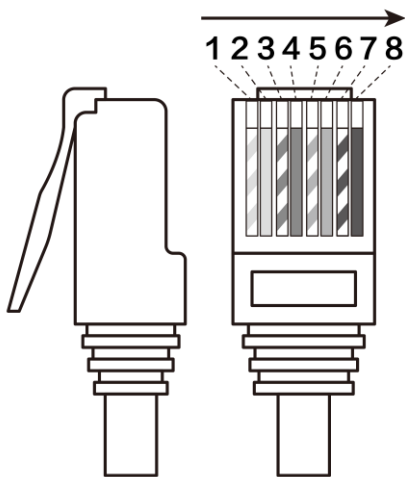
Panel Review



Connection

Connect the device that needs to be protected to the Equipment End; the Ethernet cable to the Cable End. To ensure the surge protector well-performs, please make sure the ground wire connects to the earth.

RJ45 Pinout: (TIA/EIA-568-B)



(PIN TIA/EIA-568B)	
PIN	Wire Color
1	Orange-white
2	Orange
3	Green-white
4	Blue
5	Blue-white
6	Green
7	Brown-white
8	Brown

Application

- Computer Control Rooms
- Educational Institutions
- Server Farms
- Commercial Offices
- Manufacturing Facilities
- Transmitter and Receiver Stations

Specification

Item No.	SP006PH
Input/output Interface	RJ45 x 2
Pass Through Data Rates	10/100/1000 Mbps
Response time	< 0.7nS
Lighting Protection	10KA (8/20 us) · 20KV (8/20 us)
ESD Protection	30KV (Air), 30kV Contact)
Operating Temperature	Operation: -40 to 70°C, Storage: -40 to 90°C, Humidity: up to 95%
Material	Aluminum , Metal
Dimension mm	67x87x27
Weight g	160