

Surge Protector Series

User Manual

Model: SP6PH

High Performance 1G PoE Surge Protector



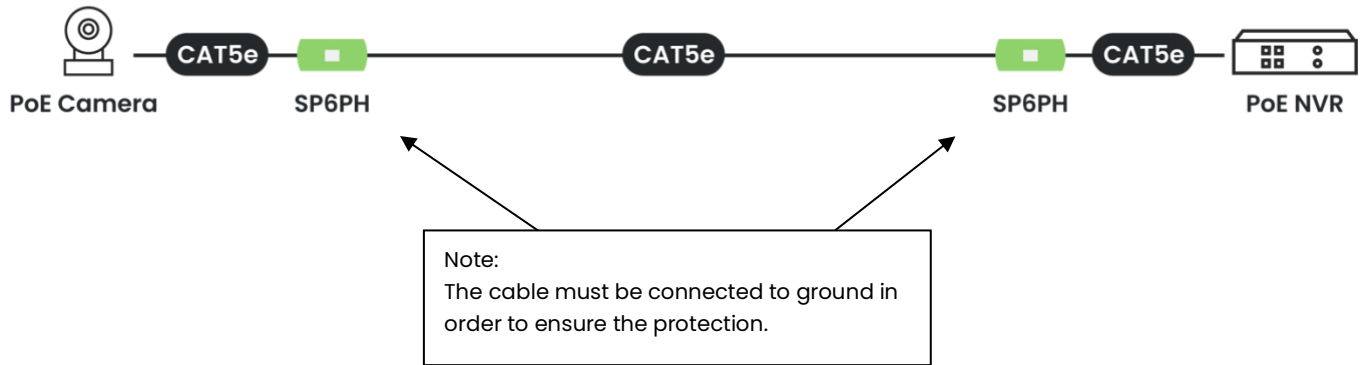
Introduction

SP006PH is an in-line surge protector designed to protect PoE (Power over Ethernet) devices from high voltage surges, with network bandwidth up to 1000Mbps.

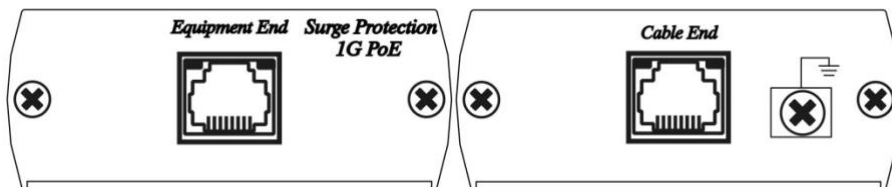
Features

- Supports bandwidth up to 1000 Mbps.
- Supports IEEE 802.3af, 802.3at, 802.3bt PoE standard.
- Supports Mid-Span and End Span PoE.
- Response time less than 1 ns.

Installation View



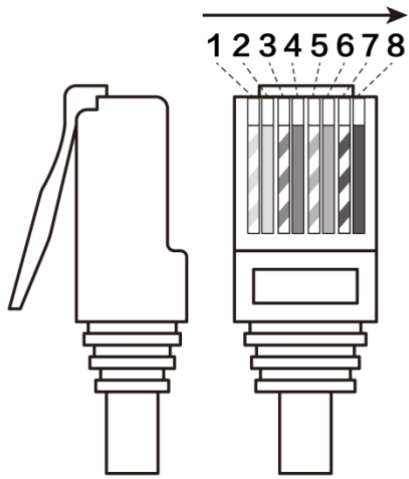
Panel Review



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 also 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.	SP6PH
Support	
Compliance	IEEE 802.3af, 802.3at, 802.3bt, IEC 61000-4-2, IEC 61000-4-5
Network Bandwidth	10/100/1000 Mbps
Response Time	Less than 0.7nS
ESD Protection	30KV (Air), 30kV Contact)
Lightning Protection	10KA (8/20 us), 20KV (8/20 us)
Ports & Interfaces	
Equipment End	1 x RJ45
Cable End	1 x RJ45
Ambient Temperature	
Operation	-40 to 70°C
Storage	-40 to 90°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	67 x 87 x 27mm
Weight	160g