## 1G PoE (Power over Ethernet) Surge Protector

#### ITEM NO.: SP006PH

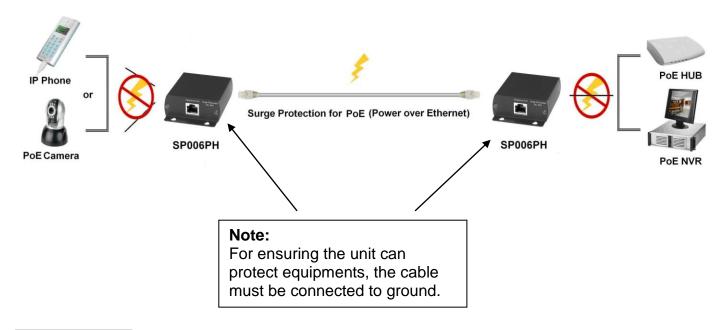


SP006PH designed to protect Power-Over-Ethernet (PoE) data/communication lines in local and wide area networks up to 1Gbps (1000Base-T) transmission speeds.

### **SP006PH PoE Surge Protector**

- 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.
- 10/100/1000 Base-T CAT5e compatible.
- Support Mid-Span PoE and End Span PoE.
- 802.3af and 802.3at PoE (Power over Ethernet) compatible.
- Comply with IEC 61000-4-5, IEC 61000-4-2,EN61000-4-5
- Application for PoE (Power over Ethernet) protection.

#### **Installation View:**



#### **Application**

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

# Specification

Item No.		SP006PH
Input Interface		RJ45
Output Interface		RJ45
Response time		<1 ns
ESD protection		30KV(Air, Contact) IEC 61000-4-2, IEC 61000-4-5 compliant
Lightning protection		5 KA ( 8/20uS) / 4 KV ( 10/700uS) EN61000-4-5
Bandwidth (Data rate)		Up to 1Gb/s (Max)
Temperature		Operation: -10 to $70^{\circ}$ C, Storage: -40 to $90^{\circ}$ C, Humidity: up to
		95%
Dimensions	mm	67x87x27
Weight	g	126



Rev.A