

# HDBaseT & 10G Network Surge Protector

ITEM NO.: SP006H

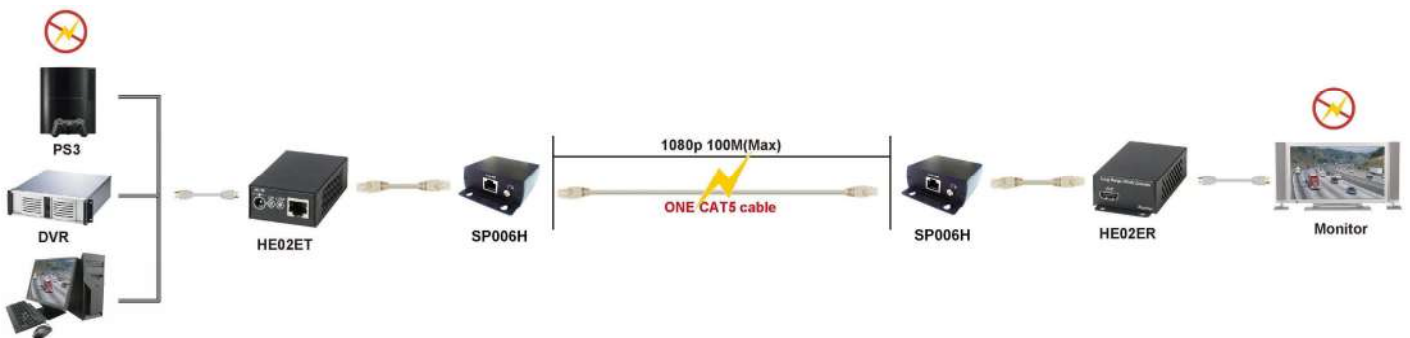
SP006H is a in-line RJ45 Ethernet surge protector. It installs simply on a Cat5, Cat 5e or Cat6 4 twisted pair cable. Device is using special diodes and gas discharge modules for high performance lightning protection. The special feature to support bandwidth data rate support up to 10Gb/s to protect high value products.

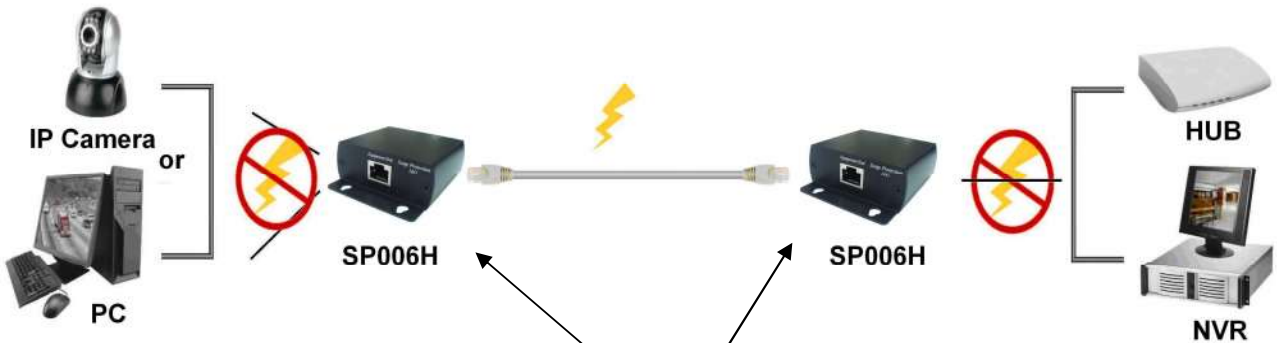
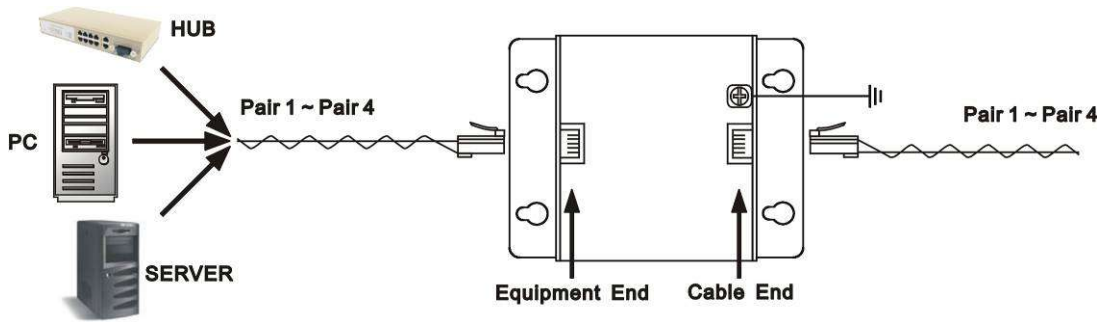


## Features:

- Protects equipment from high voltage surges from nearby lightning strikes.
- Special design to protect high data rate network equipments, especially on HDBaseT CAT5e extender or any computer equipments work with network.
- Support the bandwidth data rate up to 10Gb/s (Max).
- Built in ESD, EFT (impulse noise) and lightning protection.
- Complaint IEC61000-4-2, IEC61000-4-5, IEC1000-4-5.
- Four pairs protection for wide range of applications: Any TCP/IP Devices, Network, switch hub, PC modem, server, CCTV SYSTEM, IP camera...etc

## Installation View:





**Note:**  
For ensuring the unit can protect equipments, the cable must be connected to ground.

## Specification

Item No.	SP006H	
Input Interface	RJ45	
Output Interface	RJ45	
Response time	<1 ns	
ESD protection	15KV(Air),8 KV (Contact) IEC 61000-4-2 compliant	
Lightning protection	2KA (8/20μs)/6KV(8/20μs) IEC 61000-4-5 compliant	
Bandwidth (Data rate)	Up to 10Gb/s (Max)	
Insertion Loss	Less than 0.2 dB	
Return Loss (100 ohms)	16dB	
Temperature	Operation: -10 to 75°C, Storage: -40 TO 90°C, Humidity: up to 95%	
Dimensions	mm	67x87x27
Weight	g	126

RoHS CE FC

Rev.A