



Surge Protector

User Manual

Model : SP003

HD-TVI/AHD/HDCVI/CVBS & Data Surge Protector (RJ45
Connector)



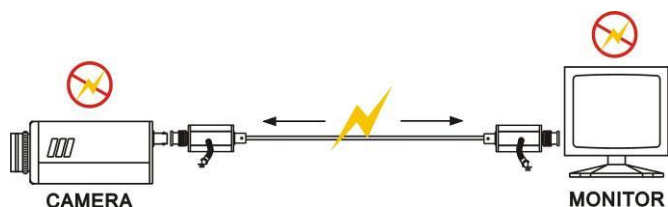
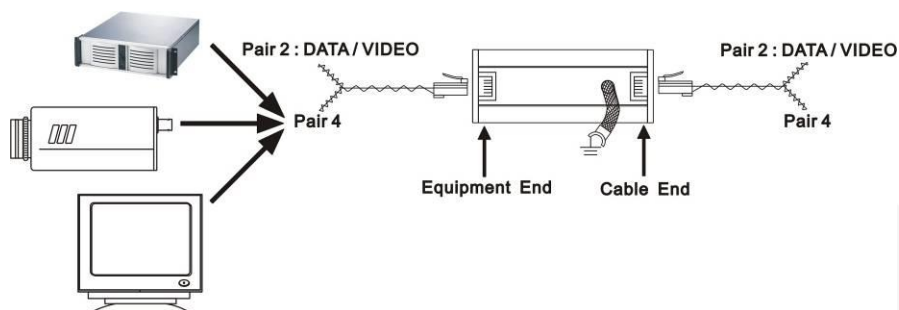
Introduction

SP003 is a surge protector designed to protect HD-TVI, AHD, HDCVI, CVBS and data devices from high voltage surges, supporting resolution up to 4K (8MP)..

Features

- Supports HD-TVI, AHD, HDCVI, CVBS and data signals.
- Use two pairs (Pin 3, 6, 7, 8) for surge protection.
- Response time less than 1ns.
- Two stage protection: 130V, AC/DC 12V

Installation View



*Use pair2 and 4 (Pin3,6,7,8) for surge protection.

Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- Video Cameras and monitors
- Multiplexers and Quad Processor

Specification

ITEM NO.	SP003
Support	
Video Resolution	4K (8MP)
Response Time	<1ns
Max. Surge Voltage	4 kV
Surge Life	300 surges/ 100Amps
Normal Resistance Across Coax	10,000 M Ω
Surge Resistance	Approx. 0 Ω
Band Pass	0~1 GHZ
Power Passing Capability	130V AC / DC, 65 Vrms at10 Amps
Insertion Loss	<0.2 dB
Return Loss (75 Ω)	16dB
Ports & Interfaces	
Equipment End	1 x RJ45 Female
Cable End	1 x RJ45 Female
Ambient Temperature	
Operation	-10 to 75 $^{\circ}$ C
Storage	-40 to 90 $^{\circ}$ C
Humidity	95%
Physical Characteristics	
Dimensions	85 x 25 x 25mm
Weight	90g