



Surge Protector

User Manual

Model: SPTVIVP

HD-TVI/AHD/HDCVI/CVBS & Power Surge Protector



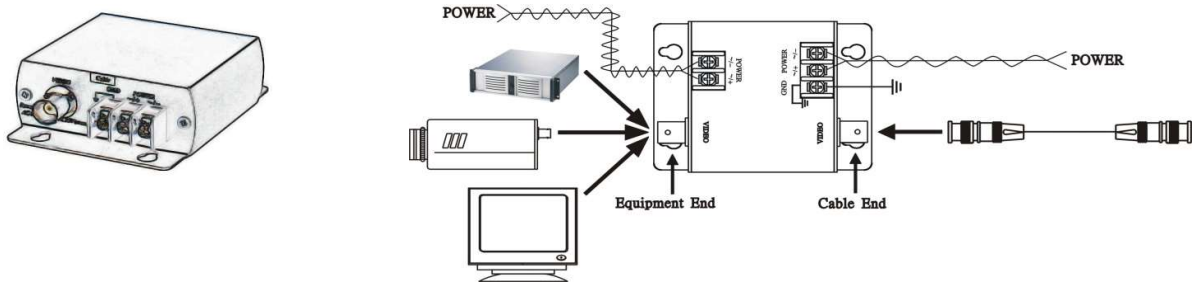
Introduction

SPTVIVP is a surge protector designed to provide protection for analog camera video signals and power feeds from high voltage surges, supporting a power input of up to DC 40 to 56V.

Features

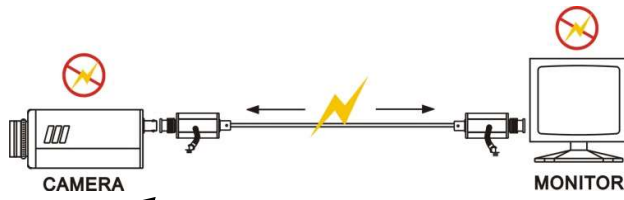
- Resolution up to 4K.
- Supports power input up to AC40V/ DC56V.
- Response time less than 1 ns.

Installation View



RJ - 45 Jack			
PIN	Color	Function	
1	W-O	S2	
2	O	S1	
3	W-G	Audio +	
4	BL	A1	
5	W-BL	A2	
6	G	Audio -	
7	W-BR	Video +	
8	BR	Video -	

1 2 3 4 5 6 7 8
W-O O W-G BL W-BL G W-BR BR
JACK POSITION



Application

- Camera Systems
- Television antennas
- Video Cassette Recorders
- FM receivers
- Video Cameras and monitors
- Multiplexers and Quad Processor

Note

To ensure the unit can protect your equipment, the cable must be connected to ground.

Specifications

ITEM NO.	SPTVIVP
Support	
Response Time	Less than 1ns
Max. Surge Voltage	4 KV
Surge Life	300 Times/ 100A Surge
Normal Resistance Across Coax	10,000 MΩ
Band Pass	0 to 1 GHz
Power Passing Capability	DC / AC 130V, 65 Vrms@10 A
Insertion Loss	Less than 0.2dB
Return Loss (75Ω)	16dB
Max. Power Input	AC 40V, DC56V
Ports & Interfaces	
Equipment End	1 x BNC Female, 1 x 2-pin Terminal Block
Cable End	1 x BNC Female, 1 x 3-pin Terminal Block
Ambient Temperature	
Operation	14 to 185°F (-10 to 85°C)
Storage	-40 to 221°F (-40 to 105°C)
Humidity	95%
Physical Characteristics	
Dimensions	2.6 x 3.4 x 1" (67 x 87 x 27mm)
Weight	0.3 Lbs (145g)



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