

SPV

VIDEO, POWER, DATA SURGE PROTECTOR

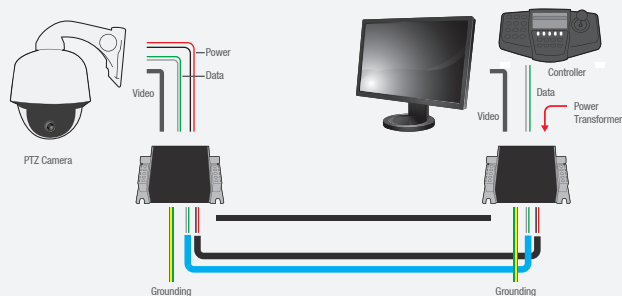
KEY FEATURES

- SPVD-DC is three-in-one video surveillance surge protector. It means protect Video/ Power/ Data signal at the same time. This surge protector can fully protect PTZ cameras and so on.



INSTALLATION

1. This product is connected in series and can work without power supply.
2. IN is input terminal and OUT is the output terminal on surge protector. And input terminal connects outside line, output terminal is connected to input of protected devices.
3. Note that this product is installed in dry or water-proof environment.
4. Select the products the same as type of protected device interfaces.



TECHNICAL SPECIFICATIONS

Function	Video	Power	Data
Response Time	<1ns	<25ns	<1ns
Normal Discharge Current (In 8μs)		5KA	
Maximum Discharge Current (In 8μs)		10KA	
Rated Voltage	5VDC	12V/24VDC/VAC	5VDC
Limited Voltage	20VDC	30V/60VDC	20VDC
Max Transmission Rate(Mbps)	10 Mbps	---	Mbps
Insertion Loss(dB)	<0.2dB	---	0.5dB
Connector Type	BNC	2P	2P
Dimensions	90mm(l) × 64mm(w) × 23mm(h)		
Weight	200g		
Sheathing material	Shield metal Shell		

GROUNDING

1. Surge protector PE lines must be reliable connection with lightning protection system ground line. Connection line requires shortness, thickness, straightness (Our recommendation > 4mm² < 50mm).
2. Grounding line and grounding pole connection can adopt screw reinforcement, connectors' fix or soldering. After finishing it, you should take actions of anti-rust and mark prominently grounding mark in key part.
3. Grounding resistance should be as low as possible to ensure a better lightning protection effects. (Reference value ≤ 4Ω)
4. Grounding pole should belong to the scope of lightning protection special grounding. Mixed connection probably cause signal interference problems.

