

# SPV1

## VIDEO SURGE PROTECTOR

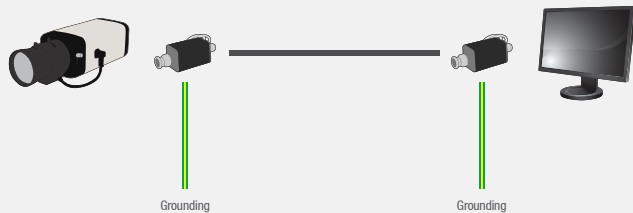
### KEY FEATURES

- SPV1 is suitable to protect signal channel video signal of CCTV surveillance, and it also applies to cable television, public television, and security monitoring systems as well as video-on-demand systems and coaxial communication apparatus.



### 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 signal surge protection
Response Time	<1ns
Normal Discharge Current	5KA
Maximum Discharge Current	10KA
Rated Load Voltage	5V
Limited Voltage DC	20V
Insertion Loss (dB)	< 0.2dB
Max Transmission Rate	10 Mbps
Connector	BNC
Weight	60g

### GROUNDING

1. Surge protector PE lines must be reliable connection with lightning protection system ground line. Connection line requires shortness, thickness, straightness (Our recommendation > 4mm<sup>2</sup> <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  $\leq 4\Omega$ )
4. Grounding pole should belong to the scope of lightning protection special grounding. Mixed connection probably cause signal interference problems.

