

SPOE

POE SURGE PROTECTOR

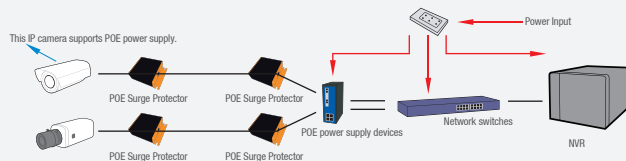
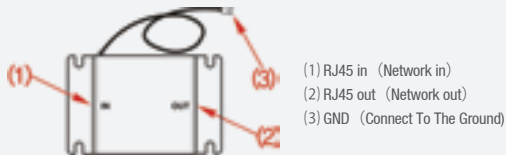
KEY FEATURES

- PVS16 is an 8 port video receiver hubs with surge suppression, suitable for centralized mounting of big project.
- Transmission distance of color signal via CAT5 or CAT6. Up to 300m (1000 ft) with passive transmitter
- No need to provide power
- Built-in transient protection
- Excellent anti-interference ability and stable performances



INSTALLATION

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



TECHNICAL SPECIFICATIONS

Technical	Signal	Power
Interface Type	RJ45	
Rated Load Voltage Un(V)	12/6	48
Limited Voltage (V)	≤60V	≤60V
Max Transmission Rate fg(Mbps)	100	-
Max Discharge Current In (8/20μs)	10KA	10KA-
Wire-Ground	5KA	5KV
Ground-Ground	10KA	10KA
Protected Wire	1, 2, 3, 6	5, 7(+), 4, 8(-)
Response Time (ns)	<1	<25
Insert Loss (dB)	0.5	

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.

