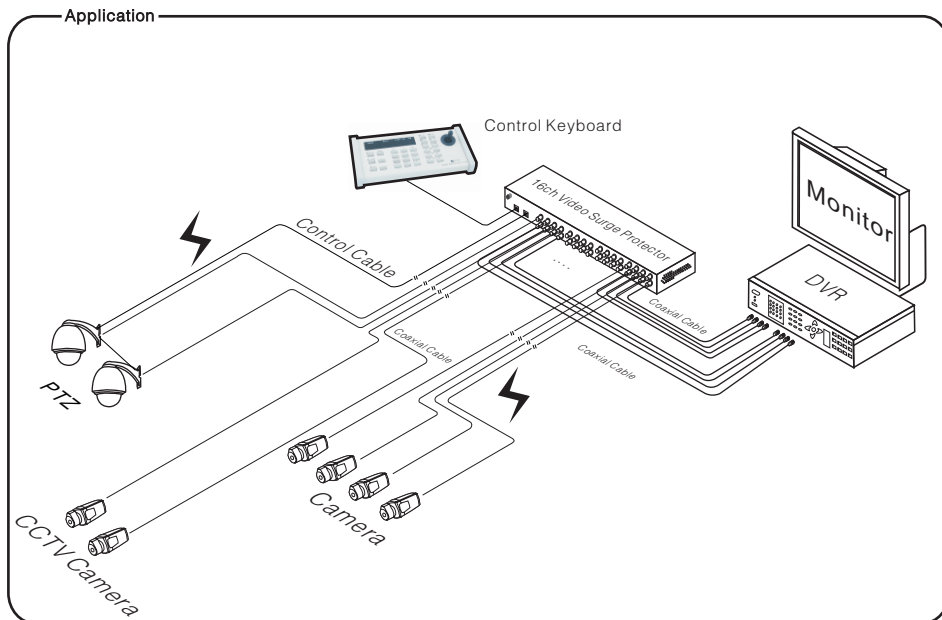


16ch Video Surge Protector

The product is a 16-ch video and control signal surge protector device designed according to the standard of GB/T18802.21-2004/IEC61643-21:200. The device's nominal operating voltage is 5V, max continuous operating voltage is 6V, limiting voltage lower than 20V. It features multi-level protection, high capacity for through-flow, low limiting voltage, quick reaction time, less insertion loss. It adapts to overvoltage protection for security video signal and power, protecting the device from the damage of induced overvoltage, switching overvoltage and static discharge. It's widely used in security monitoring system, environment monitoring system.



Features

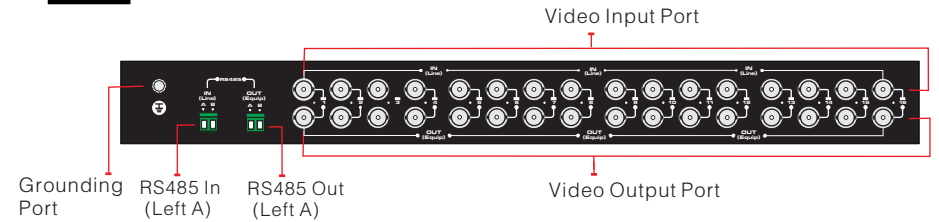
- Standard: GB/T18802.21-2004/IEC61643-21:2000;
- Protection: Baseband composite video signal (Bandwidth more than 10MHz); Control Signal
- Features: Multifunction multilevel overvoltage protection, large max discharge current, low limiting voltage, quick reacting time, low insertion loss;
- Grounding: Tool-free, Screw grounding;
- Structure: Support tablet installation, support 19" MIT Rack, easy installation;

Board Diagram

Front



Back



Installation Steps

Please check the following item before installation. If it's missing, please contact the dealer

- | | |
|------------------------------|------|
| ● 16ch Video Surge Protector | 1set |
| ● Hanger | 2set |
| ● User Manual | 1set |

Installation Steps

1. Before inserting the protector into the system, please make sure the grounding grid reach the specification;
2. please make sure the connection is stable;
3. Please make sure the grounding cable of the surge protector is as short as possible;

Notice:

1. Please make sure the connection is correct, otherwise it will cause the damage of the surge protector.
2. Please make sure to check the plug if the consumption is increasing. you can re-connect it or replace the surge protector
3. Please don't unpack the component personally.

	Item	Description
Video	Video Channel	16ch
	Rated Operational Voltage	5V
	Max Continuous Operational Voltage	6V
	Nominal Discharge Current (8/20 μ s)	5KA
	Max Discharge Current (8/20 μ s)	10KA
	Impulse Voltage (10/700 μ s)	<20V
	Resistance Impudence	≥0.4MΩ
	Inserting Loss	≤0.5dB
	Standing Wave Ratio	≤1.2
	Bandwidth	10MHz
	Reacting Time	≤1ns
ControlSignal	Nominal Operational Voltage	12V
	Max Continuous Operational Voltage	15V
	Nominal Discharge Current (8/20us)	5KA
	Max Discharge Current (8/20us)	10KA
	Impulse Voltage (10/700us)	< 40V
	Rated Overload Current	3A
	Reacting Time	1ns
	Inserting Loss	≤0.2dB
	Inserting Impudence	≤4 Ω
	Transmission Rate	2Mbps
Structure	N.W.	1.4Kg
	Size	430mm × 96mm × 44.5mm
	Shell	Iron
Environment	Working Temperature	-20~55℃
	Storage Temperature	-40~70℃
	Humidity	0~95%
Stability	MTBF	>30000小时

Specification change will not be noticed

■ Problem Examination

1. No maintain request, if it's damage(the LED is off), please replace it.
2. Please use the multimeter in “Ω×10”to test the impudence between input core cable and output core cable, the value should be smaller than 4.7Ω. If it's open circuit, please replace it.
3. Please use the multimeter in “Ω×1M” to test the grounding value, it should be 400kΩ. If it's wrong, please replace it.