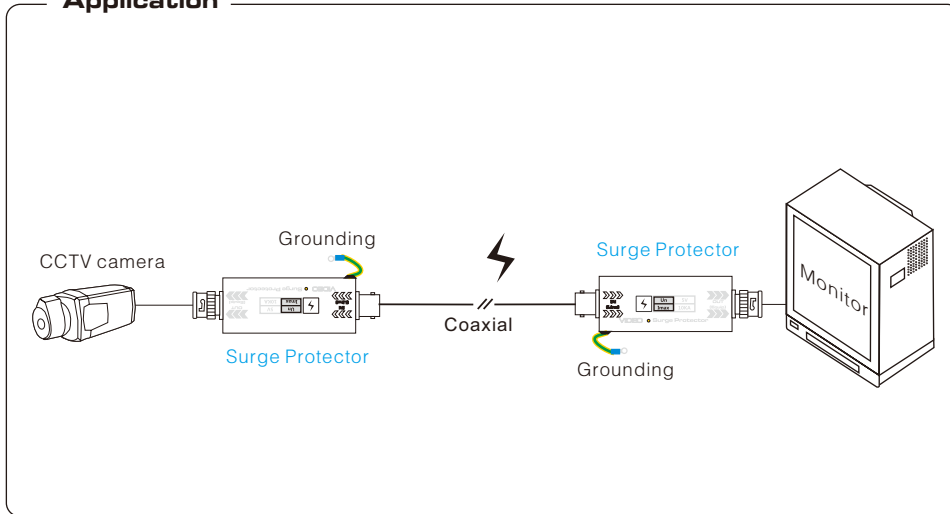


# Video Surge Protector User Manual

V1

The video surge protector meets the provisions of national standard IEC61643-21:2000, protecting the equipment from damage due to monitor system signals induced overvoltage, operating overvoltage and electrostatic discharge. It features multilevel protection, large flow capacity, low voltage limited, quickly response and low insertion loss.

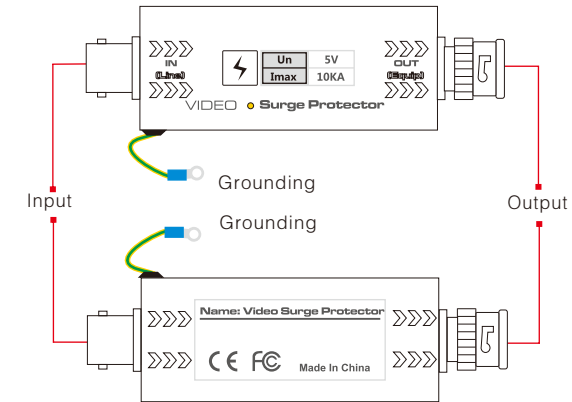
## Application



## Features

- Multi-Level protection;
- Large flow capacity;
- Low voltage limited;
- Quickly response;
- Low Insertion loss;

## Panel diagram



## Installation steps

Please check the following accessories before installation, if you find out the item miss, please contact your local dealer

- Single Channel video surge protector 1PCS
- User Manual 1PCS

### Installation steps

- 1) Check if the grounding resistance meets the specification before connect the device to system.
- 2) Connect the protector to the remote device and make sure it's connected reliably.
- 3) Connect the device ground wire to protection ground strap keeping in the shortest possible distance. ground wire should be as shortest as possible.

### Note:

- 1) Make sure the connection of the plug IN, plug Out, output device and protected device assembly following the instruction. Otherwise it will cause the damage to the protected device.
- 2) If the loss increase is caused by the function of the plug, please replace it.
- 3) Any dismantle of the component by the user is not allowed. Inappropriate dismantle will cause the damage to the protector.

## Specifications

	Item	Description
Video	Working voltage(Un)	8V
	Nominal discharge current(In)	3KA
	Maximum discharge current(I <sub>max</sub> )	5KA
	Protection level(U <sub>p</sub> )	≤40V
	Rate	Video:30Mbps
	Response time	1ns
	Insertion loss	≤0.5dB
	Connector	BNC male and Green terminal
Environmental	Rated load current	DC500mA
	Working temperature	-40°C ~ 85°C
	Storage temperature	-40°C ~ 75°C
	Humidity(non-condensing)	0~95%
Mechanical	Weight	100g
	Dimension(L×W×H)	70mm×37mm×28mm
	Outer shell	Aluminum

*If product specifications change ,no notice.*

## Troubleshooting

Inspect surge protector

Using multimeter “Ω” measuring input and output wire line resistance is 0Ω;If ,resistance value is too much ,please replace for a new one.

Using multimeter “Ω” measuring wire line resistance to ground wire(yellow green cable), over 400kΩ. If it resistance value is too low, such as 0Ω, please replace for a new one.