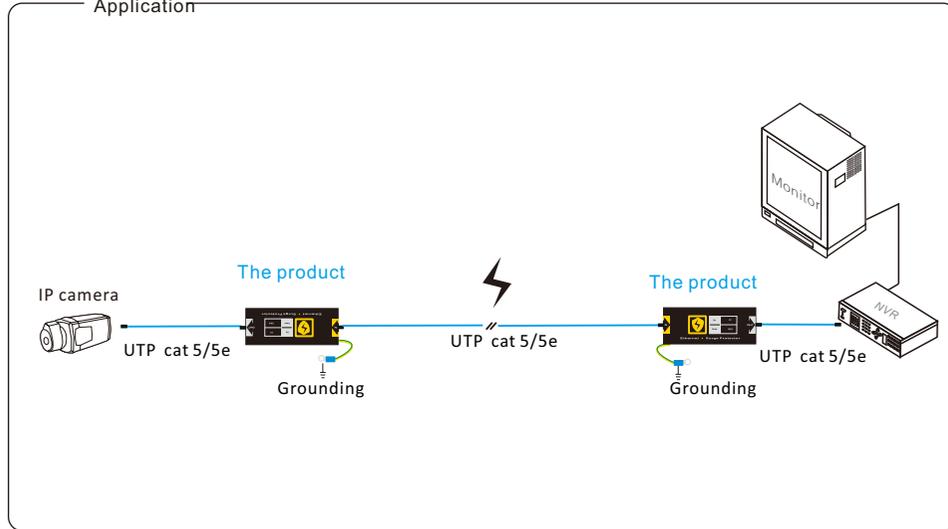


Ethernet Surge Protector

10/100/1000Mbps

The product is a single channel network signal surge protector according to IEC61643-21:2000 design standard. The device rated working voltage is 5V, the max continuous running voltage is 6V, limited voltage less than 20V, it has multi level protection function, high capacity, low limited voltage, quickly response, low insertion loss and so on .It is applicable for computer network signal , Hub, network switch, network and so on as whole monitoring system accurate overvoltage protection, making it is safe from induced overvoltage ,operating over-voltage and electrostatic discharge caused damage.

Application



Features:

- Reference standard: IEC61643-21:2000;
- Protection signals: Ethernet signal, 10/100/1000Mbps;
- Function : Multi function and multi level over voltage protection, high capacity, low limited voltage, quickly response, low insertion loss;
- Grounding: Extension cable directly connect with ground wire;
- Appearance design: identification clearness, easy recognition, whole aluminium outer shell, mini size, easy installation.

Panel



Installation steps

Check the following equipment and accessories before installation if lost, please contact your distributor

- The product 1pc
- User manual 1pc

Please install as following steps

1. Check grounding resistance that should meet the specification before connection the device to system.
2. Connect protector on the front of the protected device ,it must be connected reliably.
3. Connect the device ground wire to protection ground strap keeping in the shortest possible distance.

Note:

1. Protectors have In, Out symbol, connect output to protected device, do not take opposite. Otherwise it will cause the damage of the protector , equipment also can not be protected .
2. Loss increases by bad connection socket and other factors, should reconnect or replace protector
3. The user can not disassemble the various parts of the protector, avoid damaging, affect the normal working.

specification

	Item	Description
Ethernet	Working voltage(Un)	5V
	Nominal discharge current(In)	3KA
	Maximum discharge current(I _{max})	5KA
	Protection level(U _p)	25V
	Rate	10/100/1000Mbps
	Response Time	1ns
	Insertion loss	0.5dB
	Connector	RJ45
Environmental	Protection circuit	1/2 3/6 4/5 7/8
	Working temperature	-40°C ~ 85°C
	Storage temperature	-40°C ~ 75°C
Mechanical	Humidity(non-condensing)	0~95%
	Weight	100g
	Dimension(L×W×H)	100mm×37mm×27mm
	Outer shell	Aluminum

Product specification are subject to change without further notice

Trouble shooting

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.