

Model : ATZ NET-SPD-G

Description : Single port Gigabit Network Surge Protection Device



This single port gigabit network surge protective device protect your Ethernet devices from damage or surge cause by lightning, over voltage and induced over voltage, electrostatic discharge. It safeguards your devices by diverting excess voltage to the ground, preventing damage to your network infrastructure.

Designed with a large through current capacity and multi-level protection, thus providing a max security for signal system. It ensures minimal disruption to sensitive devices, maintaining system stability even under unstable power conditions. Built for consistent performance, it supports uninterrupted signal transmission, making it a trusted solution for professional applications requiring dependable protection

Protect data and video transmission of network communication circuit system, such as computer network communication system, severs, firewall, telecommunication equipment, CCTV system, FS system, repeater, switchboard, router, etc.

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Features:

- Protect Ethernet device from damage or surge
- Low insertion loss, superior transmission performance
- Low residual pressure level, good protection effect
- Fast response time, stable performance and reliable work
- Multi level protection circuit
- Large through current capacity
- Plug and play, Easy to install



Suitable for over-voltage protection of signals in monitoring systems with power supply, control signals and video signals, protect them from damages caused by induced overvoltage, operating overvoltage and electrostatic discharge.

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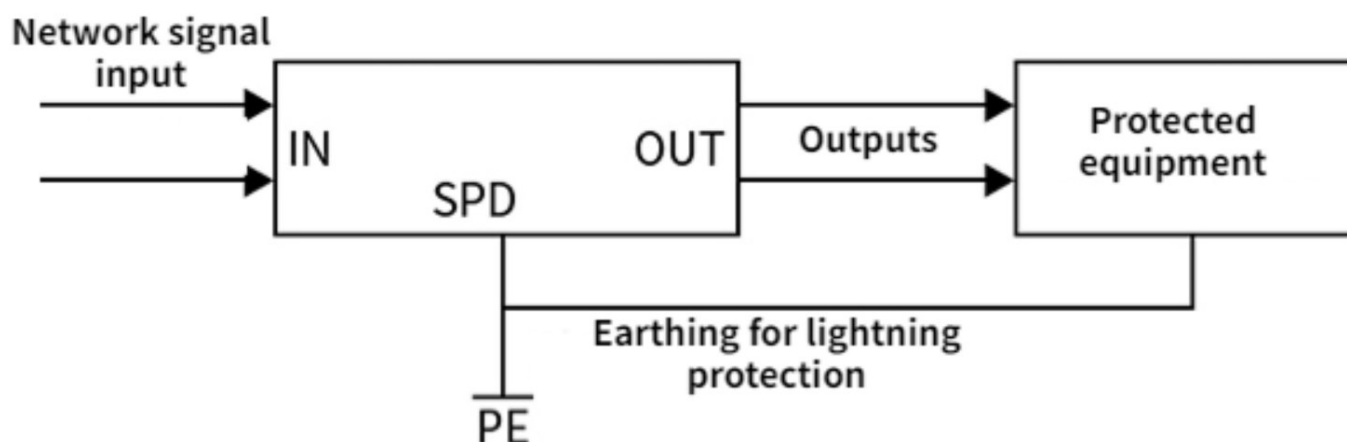
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Specifications:

Connector A	RJ45
Connector B	RJ45
Rated Discharge Current (8/20μs) (I n)	5 KA
Max. Discharge Current (8/20μs) (I)	10 KA
Data Transfer Rate	10/100/1000Mbps
Max. Continuous Working Voltage	8V
Response Time (T a)	less than or equal to 1ns
Insertion Loss (AE)	less than or equal to 0.5dB
Pin Protection	1 / 2 / 3 / 4 / 5 / 6 / 7 / 8
Operating Temperature	-40°C to 80°C
Humidity	≤ 90%
Protection Line	single road
Protection Form	line to ground
Material	Aluminium

Notes:

- Install between Ethernet and the protected device first, "IN" end is for input and "OUT" end is for output to the protected device, then set ground wire well and straight.
- Can not be connected inversely
- Ground wire should be as short as possible, straight and thick to reduce the influence of distributed inductance on lightning discharge
- Protector no need special maintain, when system happens error, then remove protector, if return to normal, then should change new protector



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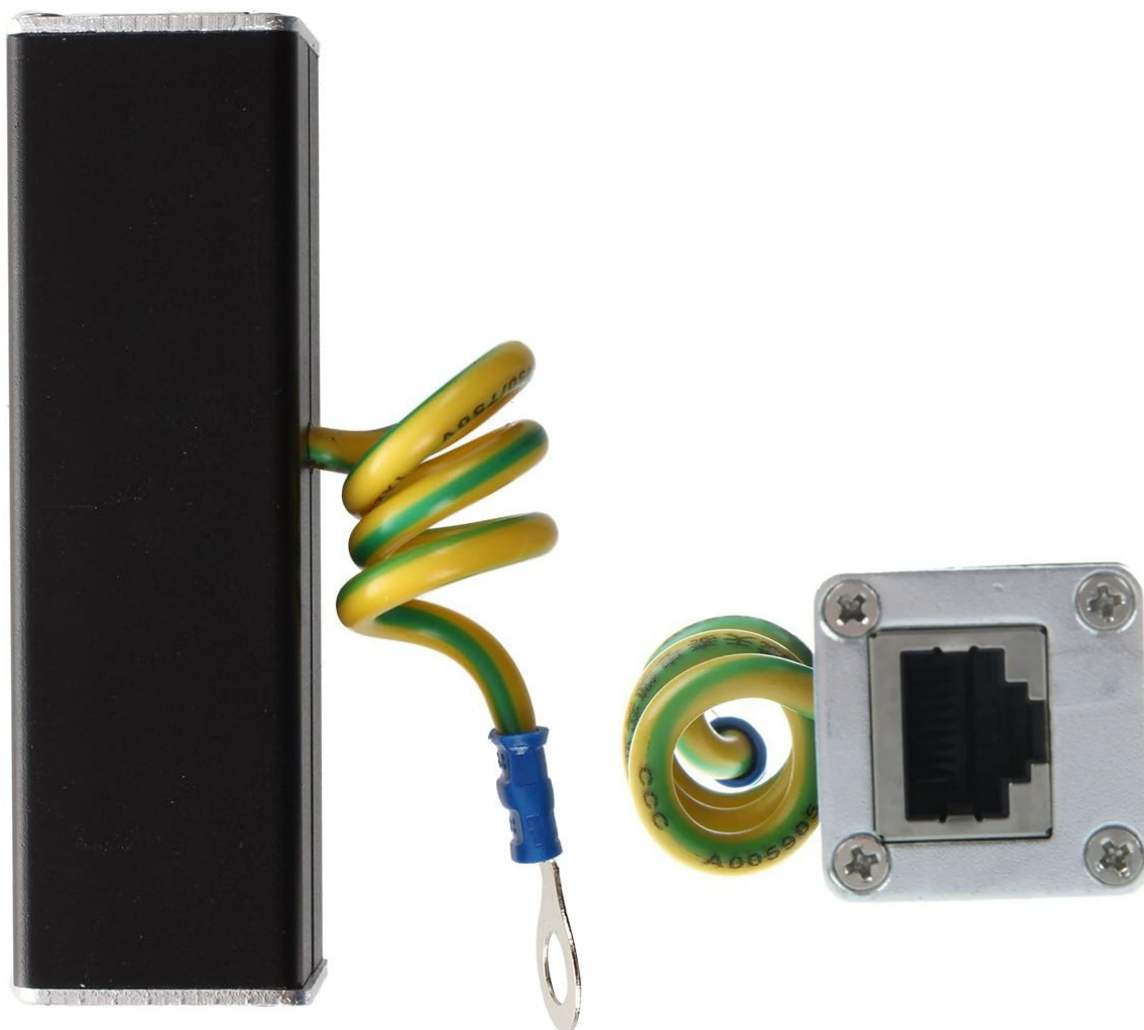
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Product Picture:



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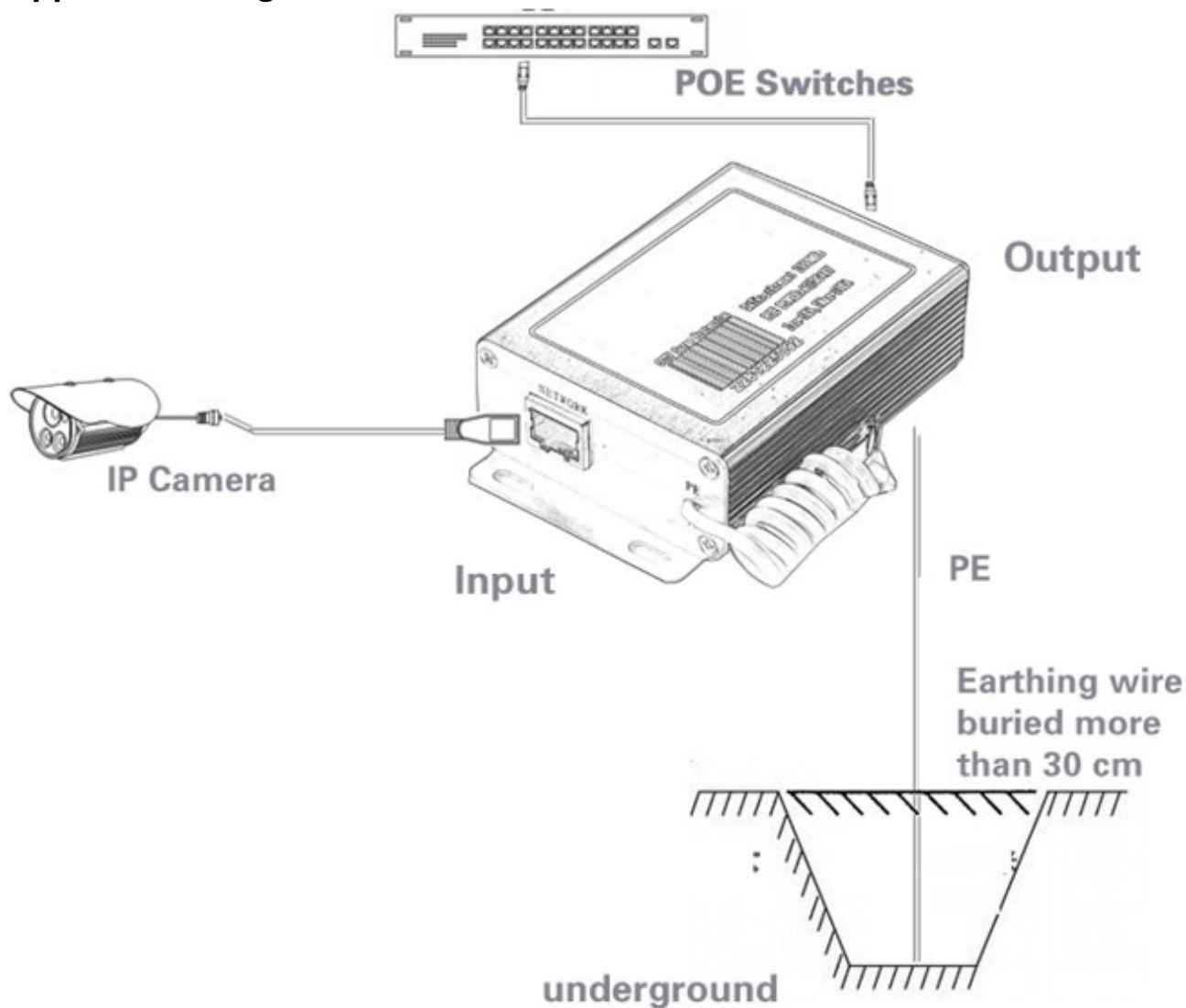
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Application Diagram:



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Application

Application a wide range of security needs to meet your needs



CCTV Surveillance
IP Camera/NVR&DVR



Router



Lan Switch



Network server



Network interface device



Package Contents :

1 x ATZ Single port Gigabit Network Surge Protection Device

Warranty: 1 Year

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.