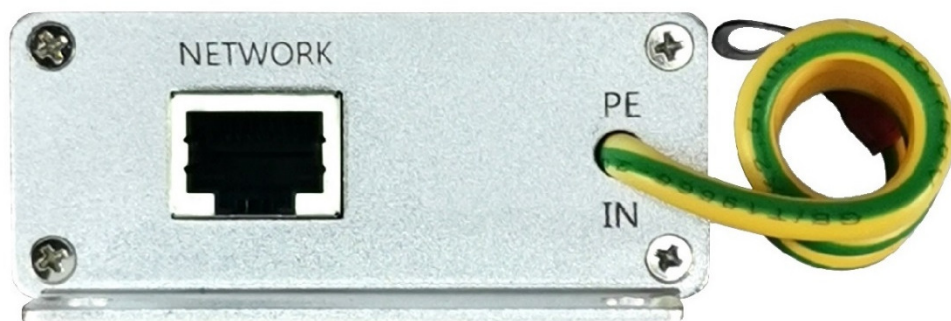
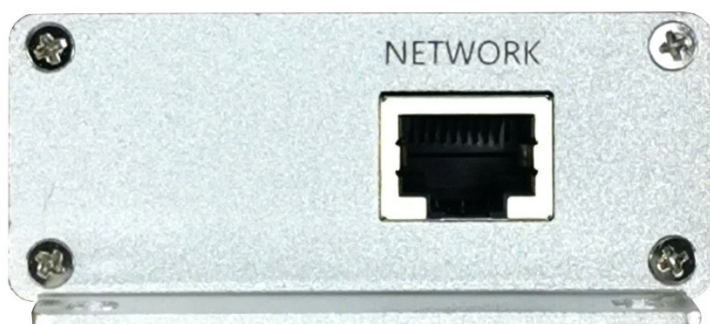


Model : ATZ NET-SPD-POE-G

Description : Single port Gigabit Network POE Surge Protection Device



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This RJ45 SPD carry out complex lightning surge protection for PoE lines, data lines and power supply over the network.

It has two RJ45 female jacks, so the in-line installation is a very easy and straight forward. It protects any Ethernet devices like switches, routers, laptops/ PCs, IP Camera etc from damaging surges caused by lightning or electrostatic discharge.

Moreover, because of PoE feature it allows PoE enabled devices to remain powered while still protected against damaging lightning strikes or voltage spikes.

The working voltage is 48V AC / cc, the response time is less than 1ns and the transmission rate is 10MHz. It is a good partner of CCTV camera and can protect CCTV camera in bad weather. It can be used for overvoltage protection signals in monitoring systems such as power supply, control signal and video signal.

Features:

- Safeguards PoE Ethernet lines from lightning induced surges and electronic discharges, protecting connected systems and equipment from damage
 - Mitigates power surges to ensure reliable operation and maintain signal integrity
 - Provides robust multi-level protection to prevent damage from power surges and maintain network reliability
 - Flow capacity, quick response
 - Multi-level protection circuit, residual depression
 - Take place through the special treatment to avoid signal interference single network SPD
 - Small size, easy installation
-

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Specifications:

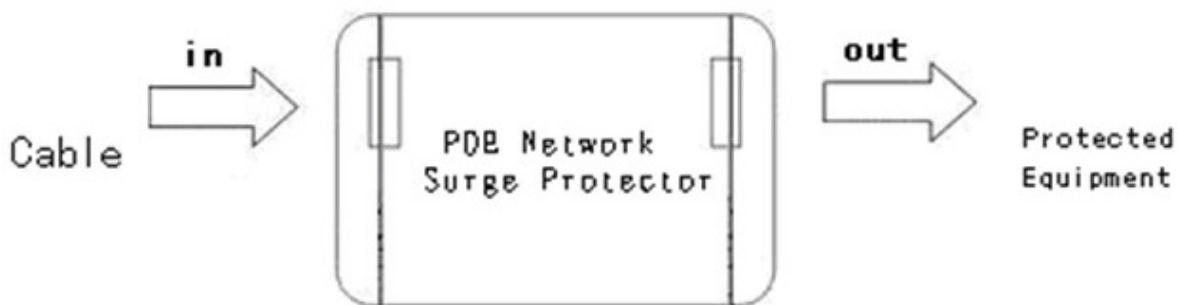
Connector A	RJ45
Connector B	RJ45
Working voltage	AC / DC 48V
Voltage limiter	AC / DC 75V
Nominal voltage (U _n)	(Data signals) 5V
Max. Continuous Working Voltage	7.8V
Rated Discharge Current (8/20μs) (I _n)	5KA
Max. Discharge Current (8/20μs) (I _{max})	10KA
Limit voltage (U _r)	≤15V
Data Transfer Rate	10/100/1000Mbps
Response time (T _a)	≤1ns
Insertion loss (AE)	≤0.5dB
Pin Protection	1 / 2 / 3 / 6 4 / 5 / 7 / 8
Protection Line	single road
Protection Form	line to ground
Work environment	-40°C to 85°C
Material	Aluminium

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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
- Input represents input end and output represents output end. Input end connects to input transmission line and output end connects to the protected equipment.
- The grounding conductor and the grounding bus of lightening protection system must be connected stably. Protection device should be put as close as possible to the protected equipment.
- The protection device doesn't need special maintenance, but if it is damaged by high voltage or lightening. (when the LED indicator light is off, it just means that it has lost the function of lightening protection), please replace it timely.



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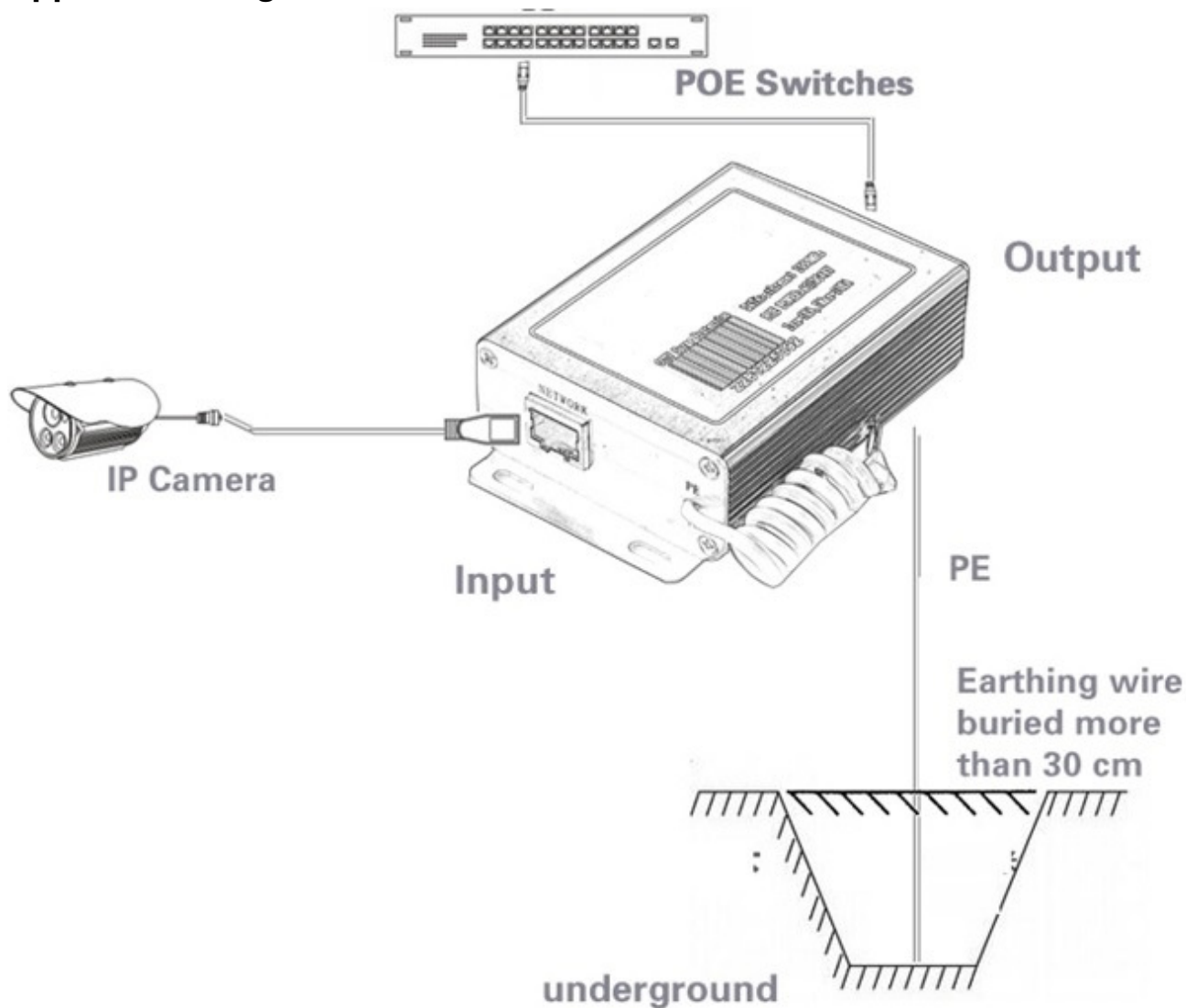
Product Picture:



Model : ATZ NET-SPD-POE-G

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Application Diagram:



Model : ATZ NET-SPD-POE-G

Description : Single port Gigabit Network POE Surge Protection Device

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 POE 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.