

Ethernet/ Power/ Data Surge Protector
Model Number: SP-005EPD20

Product Description:

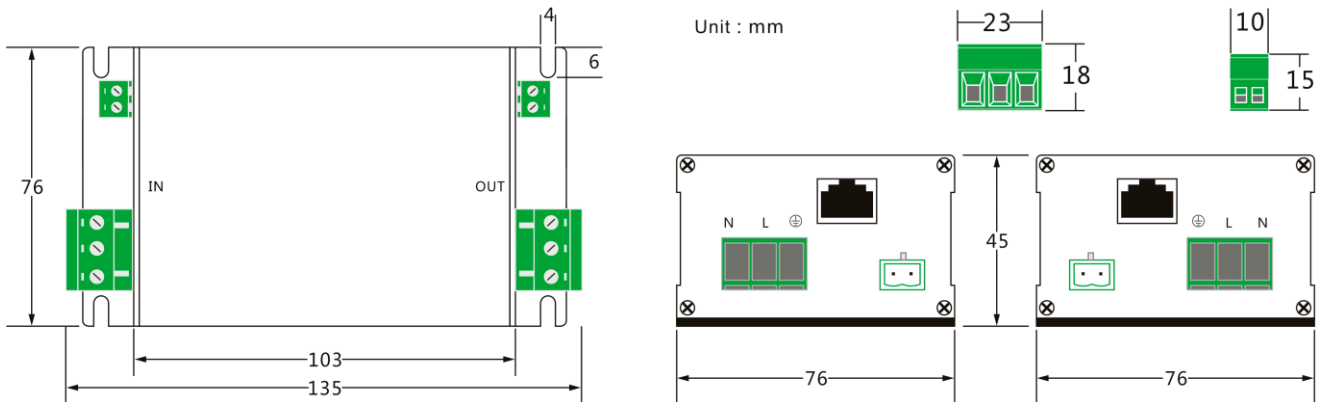
SP-005EP is three-in-one surveillance network surge protector. It can protect network Video /Audio, power and data signals at the same time. It aims to protecting IP IR camera, IP PTZ cameras in surveillance systems.



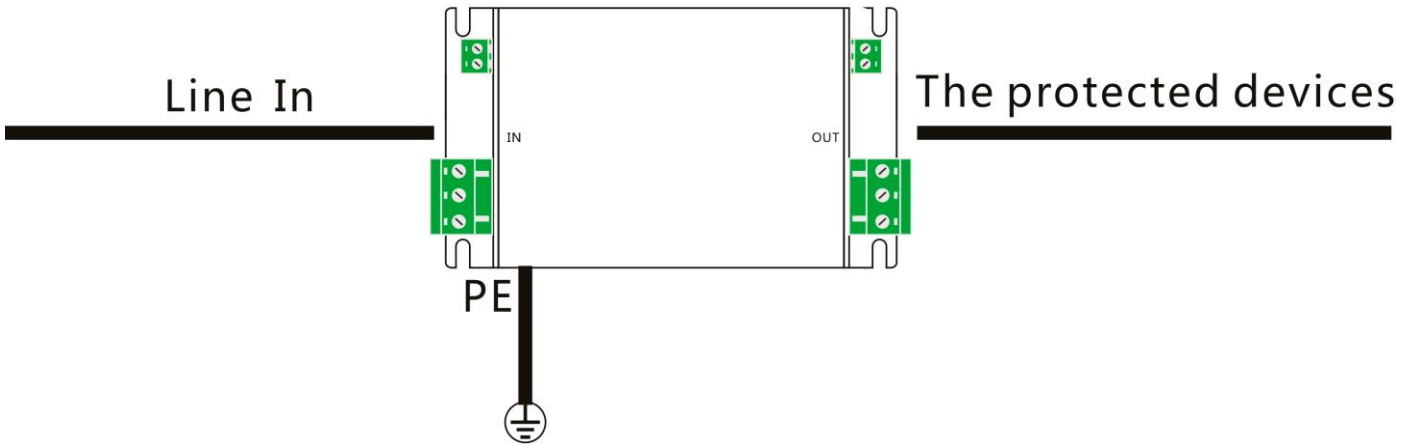
Technical Parameter:

Signal Type	Network	Power	Data
Working Voltage Un (V)	6/12	220	5
Limiting Voltage Up (V)	20	320	20
Normal Discharge Current In (kA)	3	10	5
Maximum Discharge Current Imax (kA)	5	20	10
Response Time (ns)	1	<25	1
Insert Loss (dB)	≤0.2		
Transmission Rate (bit/s)	100M		
Terminal Type	RJ45/screw terminal		
Net Weight (g)	400		
Working Temperature	-40°C ~ +80°C		
Working Humidity	<95% Non-condensation		

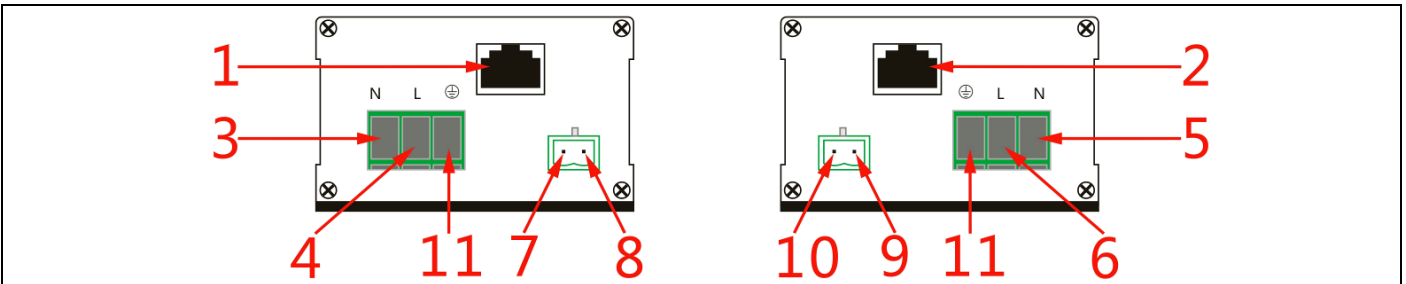
Dimension:



Installation Diagram:



Installation Instructions:



No	Step	No	Step
1	Connect RJ45 Port of IP Camera to OUT (1)	7	Output data to positive pole (7)
2	Connect CAT5/6 Cable to IN (2)	8	Output data to negative pole (8)
3	Connect output power N wire to N (3)	9	Input data to negative pole (9)
4	Connect output fire wire to L (4)	10	Input data to positive pole (10)
5	Connect input power N wire to N (5)	11	Connect ground lead (11) to the grounding device
6	Connect output fire wire to L (6)		

Use Tips:

1. This product is connected in series and should be installed in dry and dustproof environment.
2. Please select the products same as interface type of protected device.
3. IN is input terminal and OUT is the output terminal on surge protector. Input terminal connects outside line while output terminal is connected to input of protected devices.
4. PE lines of surge protector must be reliable connection with the ground lead of lightning protection system. Ground lead should be shortness, thickness and straightness ($4 \text{ mm}^2 < \text{our recommendation} < 50 \text{ mm}^2$).
5. During the period of use, surge protector should be inspected regularly. If any failure occurs, it should be repaired or replaced in time to ensure the safety of the protected equipment.

6. If device fails, do not disassemble or repair it by yourself. Please contact us timely.