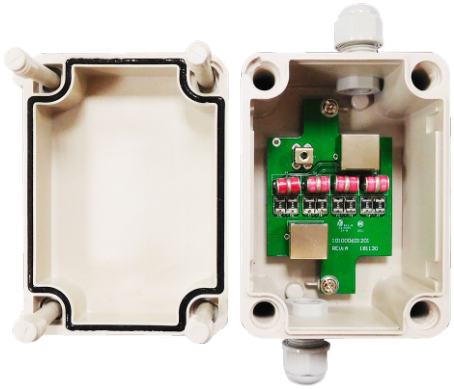
Outdoor PoE Surge Protector SP210G-ODU



SP210G-ODU is a high quality surge protection device which special design to protect outdoor POE/Network equipment from lightning. The product is enclosed in an IP66 outdoor housing which could be easily mounted on a wall or a pole. It supports data transmission of 10/100/1000Mbps and PoE device up to 90W.

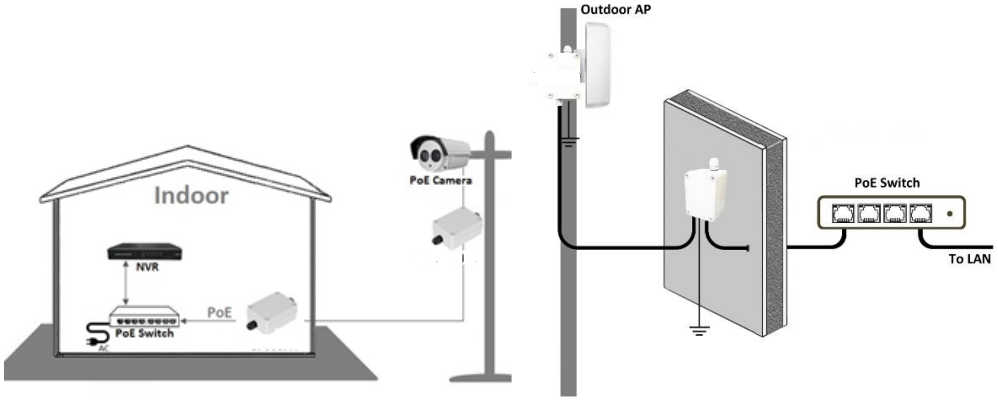
SP210G-ODU is a surge protector designed for Outdoor, Gigabit Ethernet, PoE device to protect your valuable equipment from electro-magnetic pulse or other power surge created by lightning and other strong changes in electricity.
With the IP66 cases, SP210G-ODU has great ability of water and dust resistance. It is perfect for any outdoor PoE equipment protection.

Features

- Performs a different function than grounding requirements.
- Protects equipment from high voltage surges from nearby lightning strikes.
- RJ45 Jack to RJ45 Jack.
- Power and signal line protection.
- Support 10/100/1000 Base-T.
- Support Mid-Span PoE and End Span PoE.
- Support IEEE 802.3af / 802.3at and 802.3bt PD upto 71W.
- Support PoE PSE device up to 90W.
- Comply with IEC 61000-4-5, IEC 61000-4-2,EN61000-4-5
- Application for outdoor PoE equipment (Power over Ethernet) protection.

Application:

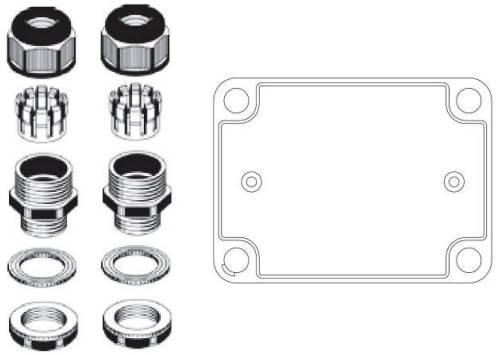
- Outdoor PoE Camera
- Oudoor AP
- Outdoor Network device such as



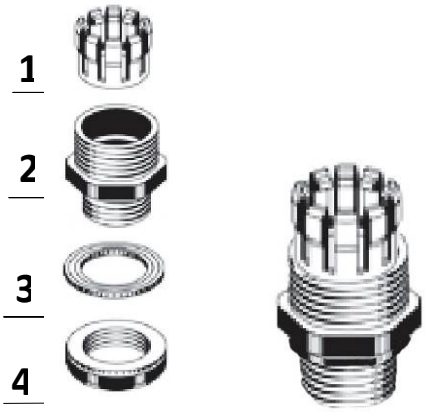
- Wireless LAN Access Points and Bridges
- Wired Switches
- IP Surveillance Cameras
- VoIP (Voice over Internet Protocol) Telephones

Installation:

1. 1. IP66 Waterproof packing accessories as below:

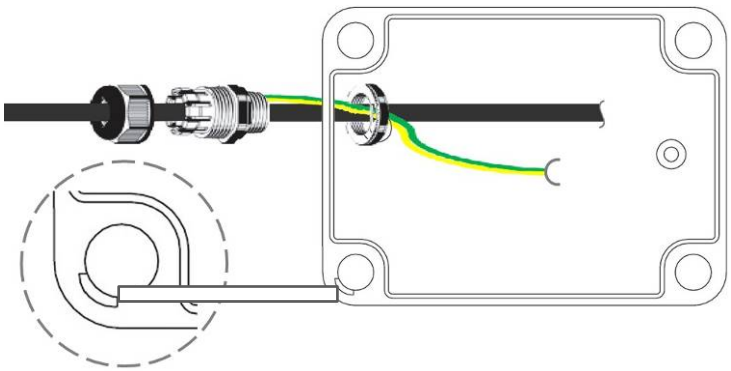


2. Assembly waterproof cap.



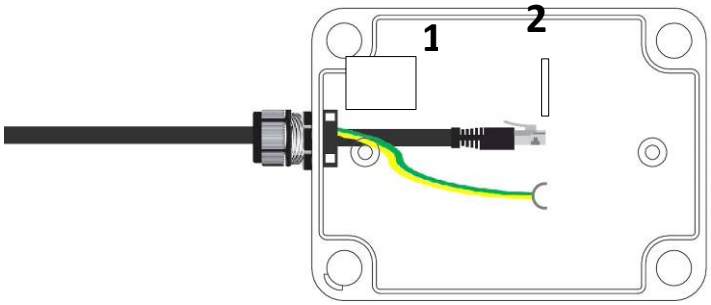
3. The pre-assembled network and grounding cables to pass through the waterproof cover set as shown.

4. Put the assembled wire set into the top of waterproof case and insert the nut as shown.

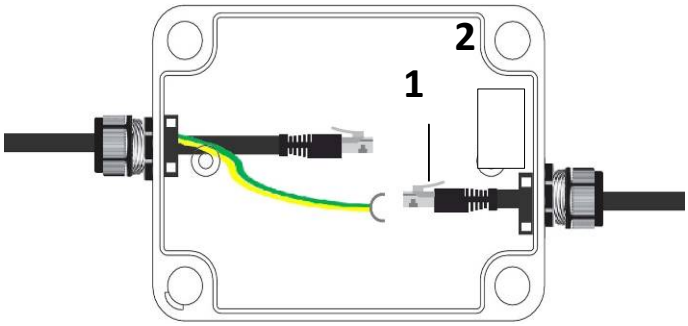


Note :
The position of grounding cable must be same as left diagram.

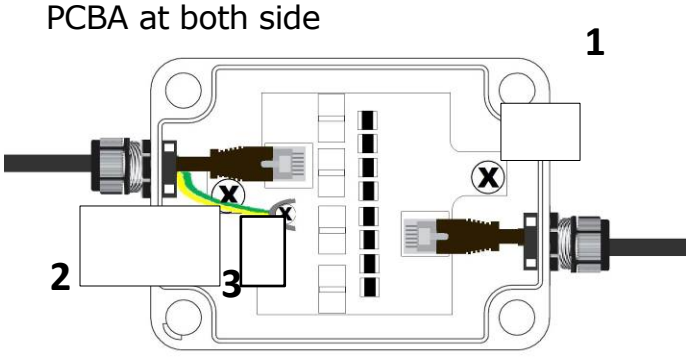
5. Through the cable lock the nut (1) into the waterproof, then make the RJ45 connector (2) (TIA / EIA-568-B), and lock the nut into the waterproof set.



6. The other end is also connected to the RJ45 connector (1), and make the nut locked (2) into the waterproof set.

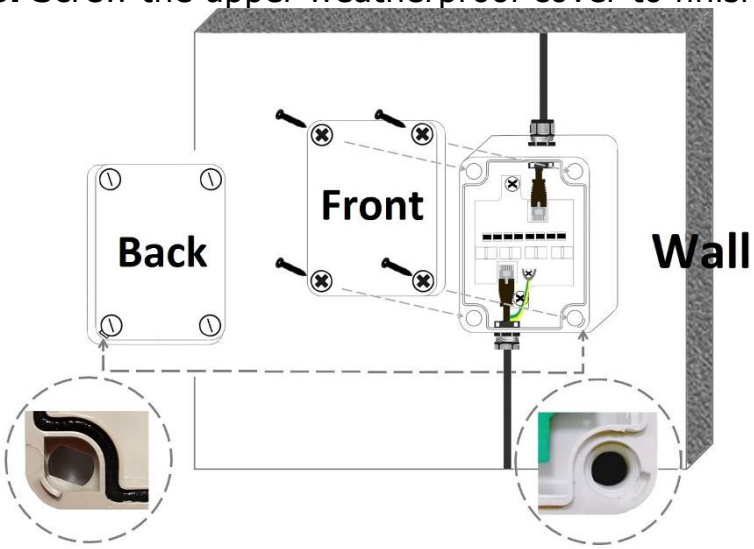


7. A assembled PCBA Board :
   Put the PCBA Board into the waterproof case, connect the RJ45 connector and screw the grounding wire. Complete the 1, 2, 3 wiring assembly, then screw the PCBA at both side



Note :
The position of grounding cable must be same as left diagram.

8. Screw the upper weatherproof cover to finish the assembly.



Note :
Make sure to put correct notch position for the upper case.

Specification

Item No.	SP210G-ODU
Input/output Interface	RJ45 x 2
Pass Through Data Rates	10/100/1000 Mbps
Response time	< 0.7nS
Maximum discharge current/voltage:	10KA (8/20 us) 、 20KV (8/20 us)
ESD Protection	15KV (Air)/ 8KV(Contact)
Operating Voltage	60V
Waterproof Rating	IP66
Operating Temperature Range	Operation: -40 to 70℃, Storage: -40 to 90℃, Humidity: up to 95%
Housing Material	ABS
Dimension (mm)	80 x 158 x 45

RoHS CE FC

Rev. A