

## SP-100E

### Network Surge Protector

- Protect the Ethernet port from electrical surge
- Protect the PoE port from lightning induced surge
- For Outdoor AP/CPE and IP Cameras
- Cast Aluminum Construction
- RJ-45 Connectors on both side
- Support 10/100/1000Mbps speed
- Low shunt capacitance to reduce signal loss

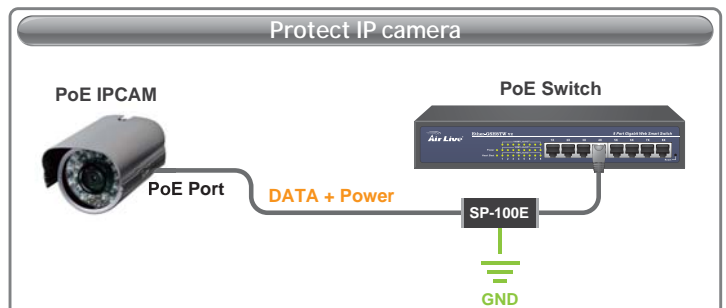
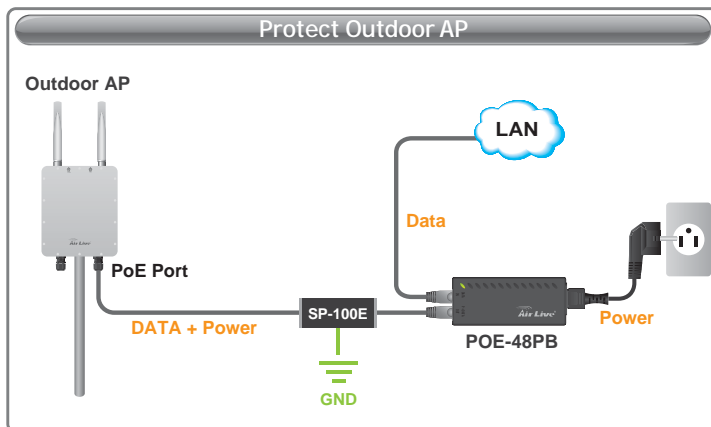


**D**o you worry about the IP surveillance system or outdoor wireless equipments got the damage from the suddenly surging? Right now, the AirLive SP-100E is a Network Surge Protector that protects the Ethernet or PoE port from high voltage and hazardous lightning strike events\*. Simply connect the SP-100E in between your device's Ethernet/PoE port and the remote RJ-45 port. Then ground the built-in ground cable\*\*, then your SP-100E is ready for protection up to 5KA of surge.

The AirLive SP-100E provides completed protection to each of the data pairs in an easy-to-use, in-line design. You just need to attached SP-100E to an Ethernet network easily on your own, and the device gets the great protection.

\*The SP-100E works as a fuse to protect your equipment from electrical up to 5KV. However, if the electrical surge is over 5KV, the device will possibly burn out. Therefore, there is no warranty for the SP-100E.

\*\*The green cable must be grounded for the protection to work.



## Specifications

**Operating Voltage**

- Data 5V PoE 48V

**Clamping Voltage**

- 70V

**Max. Surge Discharge Current**

- 5KA (8/20uS)

**Peak Pulse Current**

- 100A (10/1000uS)

**Pin Protected**

- All 8 pin protected

**Protection Mode**

- Differential & Common mode

**Insulation Impedance**

- >1000M Ohm

**Max. Shut Capacitance**

- <25pF

**Data Rate**

- 10/100/1000 Mbps

**Impulse protected Voltage**

- <650V

**Response Time**

- <5 nS

**Operating Temperature**

- -20 ~+60 Degree C

**Storage Temperature**

- -40+80 Degree C

**Operating Humidify**

- 0~95% (Non-Condensing)

**Ground Lug wire**

- 14 AWG

**Dimensions**

- 88 x 25.4 x 25.4 mm (Main Body)

**Weight**

- 88 g

## Ordering Information:

**AirLive SP-100E**    Network Surge Protector