

## Product Description

This industrial PoE injector comply with IEEE 802.3af/at/bt power supply standard, single port maximum support 60W or 90W output, and the power can be transmitted by UTP over distances of up to 100 meters. Support automatic detection of PoE - compliant devices and matching power output. It can be used in conjunction with supporting powered PDs or PoE splitters to power network devices such as AP routers, IP cameras and IP phones in network environments that lack power cords or are away from power sockets.

## Packaging List

|               |      |
|---------------|------|
| PoE Injector  | 1Pcs |
| AC Power cord | 1Pcs |
| User Manual   | 1Pcs |

## Performance Features

### Electra-PoE-1GB-60W

1 Gigabit PoE Port +1 Gigabit Uplink Data Port  
Support 10/100/1000M network adaptive

### Electra-PoE-10GB-90W

1\*10G PoE Port +1\*10G Uplink Data Port  
Support 10/100/1000/10000M network adaptive

Common features:

- Support IEEE 802.3af/at/bt power supply
- Metal shell, IP20 protection grade, -20 ~50°C working temperature
- PoE in/out port support 6KV surge protection

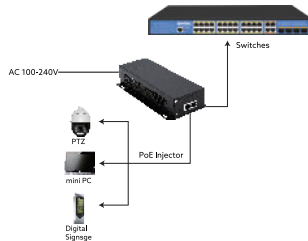
## Specification

| Model               | Electra-PoE-1GB-60W   | Electra-PoE-10GB-90W                    |
|---------------------|---|---|
| Power Output        | 1G<br>60W   | 10G<br>90W                              |
| Network Protocol    | IEEE 802.3 (Ethernet)<br>IEEE 802.3u (Fast Ethernet)<br>IEEE 802.3ab(1000Mbps Ethernet)<br>IEEE 802.3x Flow Control                                   |   |
|                     |   | IEEE 802.3ae (10G Ethernet)             |
| Network Media       | 10BASE-T: Cat5 UTP(≤250 m)<br>100BASE-TX: UTP(≤100 m) above Cat5<br>1000BASE-TX: UTP(≤100 m) above Cat5   |   |
|                     |   | 10000BASE-TX: UTP (≤100 m) above Cat6e  |
| PoE Standard        | IEEE802.3af IEEE802.3at IEEE802.3bt   |   |
| PoE Specification   | Single port max: 15.4 W (IEEE 802.3af)<br>Single port max: 30 W (IEEE 802.3at)<br>PoE port output: DC 44-57V<br>PoE power pin: 1/2+; 3/6-; 4/5+; 7/8- |   |
|                     | Single port max:<br>60 W (IEEE 802.3bt)   | Single port max:<br>90 W (IEEE 802.3bt) |
| Working environment | Working Temperature: -20 ~ 50 C<br>Storage Temperature: -40 ~ 85 C<br>Humidity: 5%~95%(Non-condensing)  |   |
| Certification       | CE, FCC, RoHS   |   |

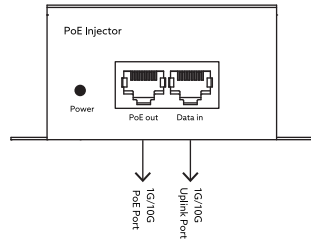
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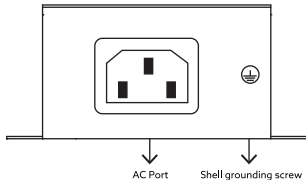
For more detailed specification, please refer to product datasheets.

## Product Application



## Panel Port Description





### Attachment 1

Common problems solving methods:

1. Power indicator light off

- Ensure the switch is connected well with the power supply
- Ensure that the input voltage of the switches meet the power supply requirements

2. The indicator light of access port is off

- Ensure the switches is connected with Access devies well
- Ensure the access devices is connected well
- Ensure the length of network cable  $\leq 100M$

3. PoE port not power to the PD

- Only transmit data, no poe, when the PoE port connect the non-poe devicesPoE
- The power required by the PD exceeds the maximum output power of the PoE port
- The total power used by PoE equipment exceeded the power provided by the PoE

### Attachment 2

#### Product Quality Warranty Card

Customer Company: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_

Product Name: \_\_\_\_\_

Product Model: \_\_\_\_\_

Product Serial: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Fault Phenomenons:

Certification

Product Name: \_\_\_\_\_

Product Model: \_\_\_\_\_

Manufacturing No: \_\_\_\_\_

Production Date: \_\_\_\_\_

Delivery Date: \_\_\_\_\_

Inspection Result: \_\_\_\_\_



Electra-PoE-1GB-60W

Electra-PoE-10GB-90W

## PoE Injector

## User Manual