

## 2-Port Gigabit PoE Ethernet Extender

Comply with IEEE 802.3af/at PoE Standards



Model: PSE-EG102

### Main Features:

- ✧ Up to 250-meter long-distance transmission;
- ✧ Support IEEE 802.3af(15.4W) and 802.3at(30w) PoE standards;
- ✧ Function as PoE injector with DC power adapter;
- ✧ Plug-and-play design, easy for installation;
- ✧ 3 kV surge protection against unexpected power surges.

### I/O Interfaces

DC Power Input	37-56 V
Ethernet Ports	1x 10/100/1000 Mbps RJ45 PoE Input Port 2x 10/100/1000 Mbps RJ45 PoE Output Ports

### Network Performance

Switching Capacity	12 Gbps
Packet Forwarding Rate	7.2 Mpps
Packet Buffer	2.5 MB
MAC Address Table	2 K
Transmission Mode	Store-and-Forward
Network Media	10BASE-T: UTP CAT 3, 4, 5 cable (≤ 250 m) 100BASE-TX: UTP CAT 5 or above cable (≤ 150 m) 1000BASE-TX: UTP CAT 6 or above cable (≤ 100 m)

## Power over Ethernet

PoE Standards	IEEE 802.3af (15.4 watts) IEEE 802.3at (30 watts)
PoE Input	≤ 30 W Pins 1, 2 (Power+) and Pins 3, 6 (Power-); Pins 4, 5 (Power+) and Pins 7, 8 (Power-).
PoE Output	≤ 30 W Pins 1, 2 (Power+) and Pins 3, 6 (Power-); Pins 4, 5 (Power+) and Pins 7, 8 (Power-).

## DIP Switch

OFF	Default Mode: transmission distance is up to 100 m at 10/100/1000 Mbps adaptively.
ON	Port Extension Mode: power supply and data transmission distance is extended up to 250 m at 10 Mbps.

## Environment

Operating Temperature	-10°C to 50°C
Operating Humidity	RH 10% to 90% (non-condensing)
Storage Temperature	-40°C to 85°C
Storage Humidity	RH 5% to 95% (non-condensing)

## General

LED Indicators	Power, LAN, PoE
Shell Material	Metal
Dimension	85x85x25 mm (LxWxH)
Net Weight	150 g
Gross Weight	190 g

## Dimension

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