

# 30W PoE Injector

**Model:**  
1P-GPOE-30-W

**Type:**  
Single port PoE PSE Solution



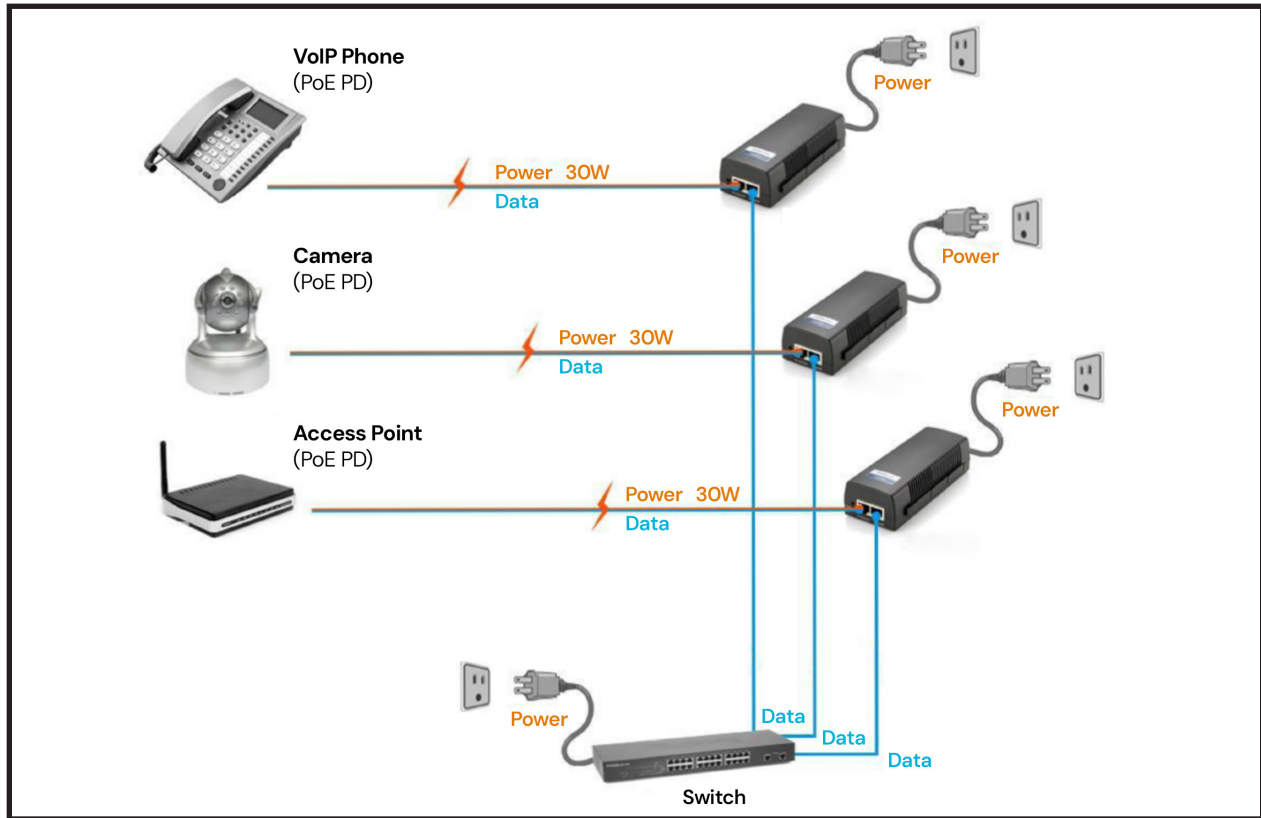
## Overview

The 1P-GPOE-30W is a single-port, high-power PoE PSE solution designed for remote PoE PD devices. This device complies with the IEEE 802.3at PoE standard and is backward-compatible with IEEE 802.3af. It is compatible with both 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points. With all the features offered by the PSE30TG, users can benefit from flexible network installation at a lower cost and experience less downtime. Additionally, it provides a high-bandwidth connection to the network.

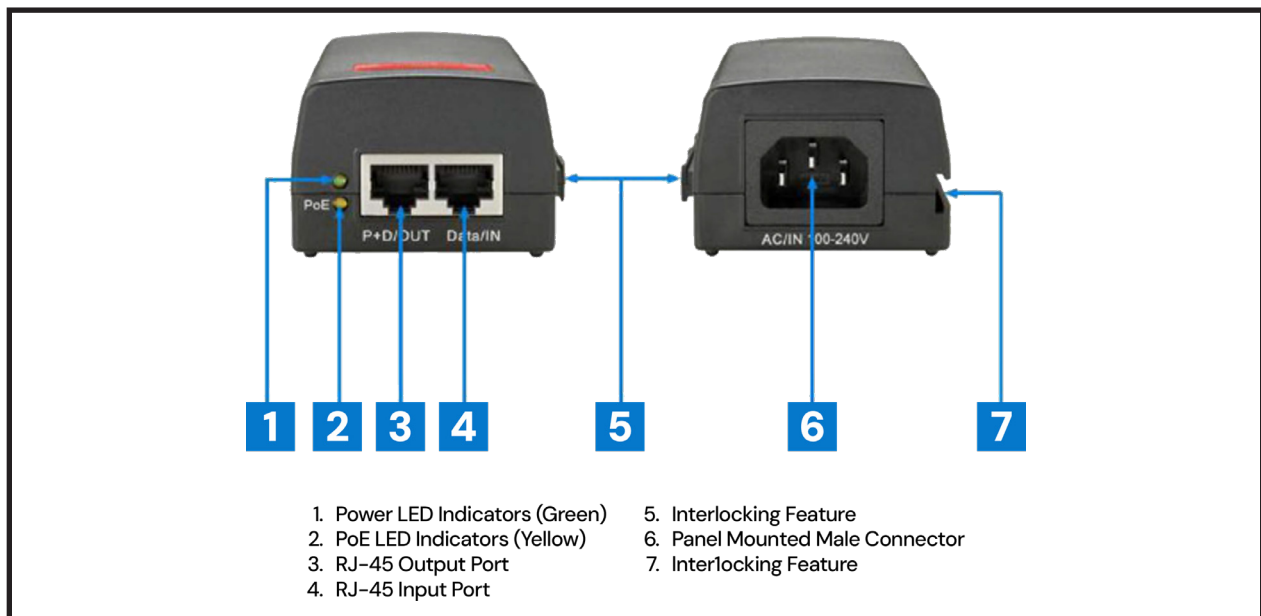
## Features

- Up to 30W of PoE Power.
- IEEE 802.3at compliant.
- Compatible with IEEE 802.3af or Legacy PoE applications.
- Safe on low power devices.
- Safe and Reliable Power to WLAN Access Points.
- Automatic Detection and Protection of Non-standard Ethernet Terminals.
- Supports 10/100/1000Base-T LAN environment.
- Unique interlocking feature for easy installation
- NDA compliant.

## Typical Application



## Wiring Layout



## Specifications

### Standard Compliance

- IEEE 802.3 IOBase-T Ethernet
- IEEE 802.3u IOBase-Tx Fast Ethernet
- IEEE 802.3af Power over Ethernet
- IEEE 802.3at Power over Ethernet

### Connector

- RJ-45 10/100/1000 Mbps

### Indicators

- AC Power (Green)
- PoE (Orange)

### Pin Assignment & Polarity

- 1/2(+), 3/6 (-)

### Output Power Voltage

- 54 Vdc Maximal

### Power

- 30 Watts Maximal

### Input Power AC Input Voltage

- 100~240VAC

### Requirements AC Input Current

- 0.8A@ 100-240 VAC

### AC Frequency

- 50~60 Hz

### Operating Temperature

- 0~45°C

### Storage Humidity

- Maximum 95%, Non-condensing

### Dimensions (L x W x H)

- 144mm x 57mm x 40mm

### Weight

- 350g

### Regulatory

- Ro HS Compliant, CE/FCC
- Safety Approvals EN 60950:2006

## Have a question?

For troubleshooting LanPoE Smart Networking Products, please reach out to our support team and provide detailed information for assistance.

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