

## PoE Injector

**Model:** PoE2424DGX-OD

**Input:** 36-72V DC

**Output:** 24V 24W

**Interface:** : 1G/2.4G/5G/10G

**Protection :** 4KV Inline Surge Protection as per IEC 61000-4-4 (EFT)



## What is Does

A Gigabit PoE signal is created by the **OPL PoE Injector, Model PoE2424DGX-OD**, by fusing electrical power with a 10G network connection. Up to 100 metres distance, a PoE injector through ethernet cable (CAT6A) can power PD devices, such as a wireless AP, IP camera, IP phone, etc. With a maximum output power of 24W, PoE injectors are a smart option if you want to cut installation costs while enhancing network performance.

## Features

- Indicator device connected (  ) or not connected (  ).
- Delivers power and data through one Ethernet cable for easy network extension.
- PoE Port Delivers power up to 100 meters.
- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Plug and Play, no configuration required.

# SPECIFICATION

| Model                      | PoE2424DGX-OD                                                                                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Data Transfer Rate         | <ul style="list-style-type: none"><li>Gigabit: 2000Mbps (full duplex)</li><li>Gigabit: 5000Mbps (full duplex)</li><li>Gigabit: 10000Mbps (full duplex)</li><li>Gigabit: 20000Mbps (full duplex)</li></ul> |
| Device Interface           | <ul style="list-style-type: none"><li>1 x Gigabit Data in port</li><li>1 x Gigabit Data &amp; Power out port</li><li>LED indicators for power &amp; port</li></ul>                                        |
| Power over Ethernet Output | Pin Assignment and Polarity:<br>Spare Pairs 4/5 (+) and 7/8 (-) (Mode B)<br>Output Power Voltage: 24V DC 24 W                                                                                             |
| Input Power Requirement    | DC Input Voltage: 36-72V DC                                                                                                                                                                               |
| Standards                  | IEEE 802.3, IEEE802.3u, IEEE 802.3ab                                                                                                                                                                      |
| Connectors                 | 2 x RJ45                                                                                                                                                                                                  |
| Operating Temperature      | -4°F (-20°C) to +104°F (+40°C)                                                                                                                                                                            |
| Operating Humidity         | 10% to 90% (Non-condensing)                                                                                                                                                                               |
| Storage Temperature        | -4°F (-20°C) to +158°F (+70°C)                                                                                                                                                                            |
| Storage Humidity           | 10% to 95% (Non-condensing)                                                                                                                                                                               |
| Dimensions                 | 297.18 x 243.84 x 101.6 mm<br>(11.7 x 9.6 x 4 in.)                                                                                                                                                        |
| Weight                     | 1450g                                                                                                                                                                                                     |
| Warranty                   | 1 Year                                                                                                                                                                                                    |
| Special Features           | Wall Mountable                                                                                                                                                                                            |
| Certifications             | EFT: INC 61000-4-4 4kV (EMC)                                                                                                                                                                              |