

## PoE Injector

- Model:** PoE5530SGX-OD  
**Input:** 100-240V AC 50/60 Hz  
**Output:** 55V 30W  
**Interface:** 1G/2.5G/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 PoE5530SGX-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 30W, 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, IEEE 802.3af/at
- Plug and Play, no configuration required.

## SPECIFICATION

Model	PoE5530SGX-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: Spare Pairs 4/5 (+) and 7/8 (-) (Mode B) Output Power Voltage: 55V DC 30W
Input Power Requirement	AC Input Voltage: 100~240V AC AC Frequency: 50/60Hz
Standards	IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3af/at
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 (11.7 x 9.6 x 4 in.)
Weight	1450 g
Warranty	1 Year
Special Features	Wall Mountable
Certifications	EFT: INC 61000-4-4 4kV (EMC)