



OPE301GI

Gigabit PoE+ Injector 802.3af/at, 30W, 54V DC



OPE301GI is a Gigabit PoE Injector that is compliant with the 802.3af PoE and 802.3at PoE+ standards.

ORIGO's OPE301GI is designed to supply data and up to 30 watts of power to Power over Ethernet Plus devices such as wireless access points, IP cameras, IP phones, and other power-hungry PoE devices.

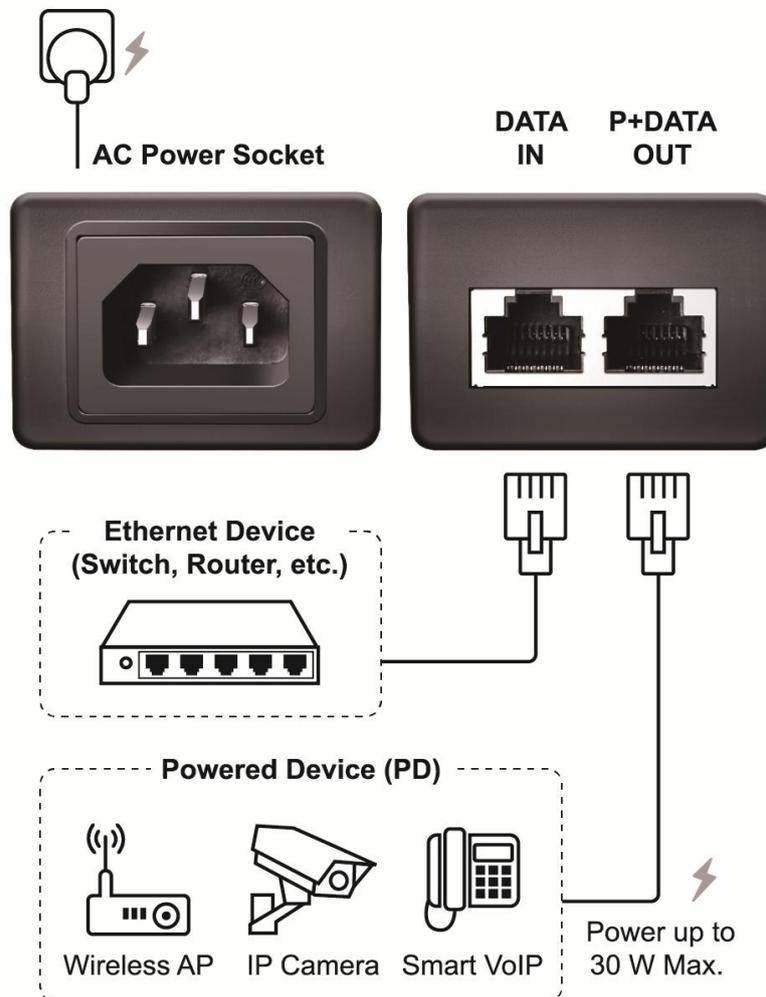
Deploying the OPE301GI saves both installation costs and equipment costs and enables using of carried in stock switches and other active equipment without PoE support to connect devices that do support this technology.

Key Features

- One Gigabit Ethernet input port for data transmission
- One Gigabit Ethernet PoE output port for data and power transmission
- Complies with IEEE 802.3af PoE and IEEE 802.3at PoE+
- Maximum power output up to 30W
- Automatic detection of PoE-enabled devices
- Overcurrent and short circuit protection
- Overvoltage protection
- Built-in power supply
- Plug-and-Play installation



Application



Specifications

Hardware

Interfaces	<ul style="list-style-type: none">• 1 10/100/1000Base-T port for data transmission (DATA IN)• 1 10/100/1000Base-T PoE port for data and power transmission (P+DATA OUT)
Standards and Functions	<ul style="list-style-type: none">• IEEE 802.3 10Base-T• IEEE 802.3u 100Base-TX• IEEE 802.3ab 1000Base-T• IEEE 802.3af (PoE)• IEEE 802.3at (PoE+)• Automatic detection of 802.3af/at PoE devices



Output Power	<ul style="list-style-type: none">• 54V DC
Max. Power per Port	<ul style="list-style-type: none">• max. 30W
Power Pin Assignment	<ul style="list-style-type: none">• 1,2 (-), 3,6 (+)
LED	<ul style="list-style-type: none">• Green: Power On• Red: a PoE-enabled device is receiving power through the P+DATA OUT port
Power Connector	<ul style="list-style-type: none">• Power cable connection port (AC)
Protection	<ul style="list-style-type: none">• Overcurrent protection• Short circuit protection• Overvoltage protection
Casing	<ul style="list-style-type: none">• Plastic

Physical Parameters

Dimensions (W × D × H)	<ul style="list-style-type: none">• 121 x 50 x 36 mm
Weight	<ul style="list-style-type: none">• 0.35 kg

Operating conditions

Power	<ul style="list-style-type: none">• 100-240V AC, 50/60 Hz
Temperature	<ul style="list-style-type: none">• Operating: 0 to 40 °C• Storage: -40 to 60 °C
Humidity	<ul style="list-style-type: none">• Operating: up to 85% non-condensing• Storage: up to 90% non-condensing

Package Contents

Package Contents	<ul style="list-style-type: none">• OPE301GI PoE Injector• Power cord (1.5 m)• Quick Installation Guide
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Order Info

OPE301GI/30W	PoE Injector 802.3af/at, 1x1000Base-T LAN, 1x1000Base-T PoE Out, Output: 54V DC
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