

# POE-G30I

30Watt 10/100/1000M/Multi Gigabit PoE+ Injector

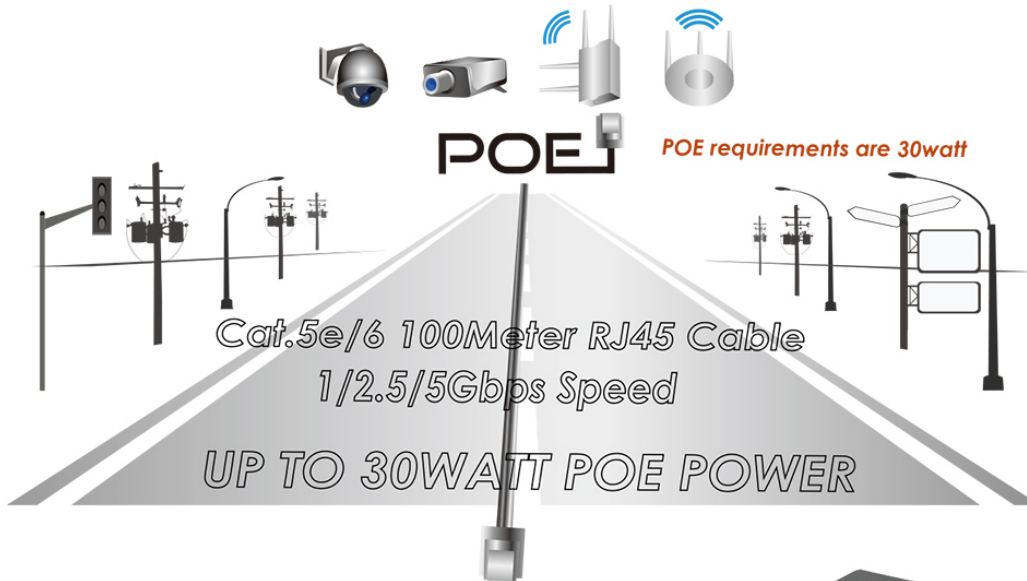
EAN Code : 4712757159592



**CERIO POE-G30I** supports IEEE 802.3af/at Power Over Ethernet Standard. It's a single port Active PoE Multi Gigabit PoE+ Injector and provides **DC 56 Volt** over Ethernet cables. It supports IEEE 802.3af 15.4Watt PoE (Class3 Standard) and IEEE 802.3at 30Watt PoE+ (Class4 Standard) and provides two Ethernet ports connection. The **CERIO PoE+ Injector** can simultaneously transmit network data and power to the PD equipment through the UTP Ethernet Cable transmission. It is a cost-effective complying with IEEE 802.3af/at standard Gigabit PoE+ Injector and provides the best solution for IP Cam surveillance system integrators, etc.



PoE Speed Dome / PoE ipcam surveillance and PoE wireless Access Point



PoE Type Detection on RJ45 LED  
Power Link / Status LED



Left : End-span (Green) ,  
Right : Mid-span (Yellow)



POE-G30I

30W Internal Power 1/2.5/5Gigabit Multi Gigabit PoE+ Injector

## Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2.5G/5G BASE-T, IEEE 802.3af PoE and IEEE 802.3at PoE+ standards.
- Supports Multi Gigabit (1/2.5/5Gbps) Ethernet connection ability.
- Auto detect PD power pin is powered by End-span (Type-A) or Mid-span (Type-B) then powered to PD device and LED indicator shows power pin type.
- Internal power design and supports 56V PoE+ output.
- Supports IEEE 802.3af/at POE standards and PoE max power up to 30Watt Class4 PoE+ output.
- Support PSE / POE Power Over Ethernet function which can provide both data and power for distances of up to 100 meters (328 feet) from the power source when using CAT 5 or up cabling.
- Over Current Protection and Short-circuit Protection.
- Supports Desktop, Wall mounting and Units Combination for easy to bundles organize the Ethernet cables.

## Functionality

The **CERIO POE-G30I** Power over Ethernet (PoE+) injector is designed to supply operational power to wireless LAN devices such as PoE access point bridges, routers, and surveillance cameras. Moreover, **it supports End-span (Type-A) or Mid-span (Type-B) power pin designed**, no matter the PD devices is designed Type-A or Type-B all can supply power automatically. The **POE-G30I** greatly simplifies the wiring and deployment process, and brings a great deal of convenience benefits to home, office, and industrial environments.

## Long Distance Application

**CERIO PoE+ Injector** can provide both data and power for distances of up to **100 meters (328 feet)** from the power source when using CAT 5 or up cabling.

## ESD Protection

**POE-G30I** supports ESD, Electro Static Discharge protection includes Over Voltage protection and Short Circuit Protection ensuring device safety.

## Additional Benefits

Some additional benefits of CERIO PoE+ Injector include cost saving, convenience in network planning, and higher reliability.

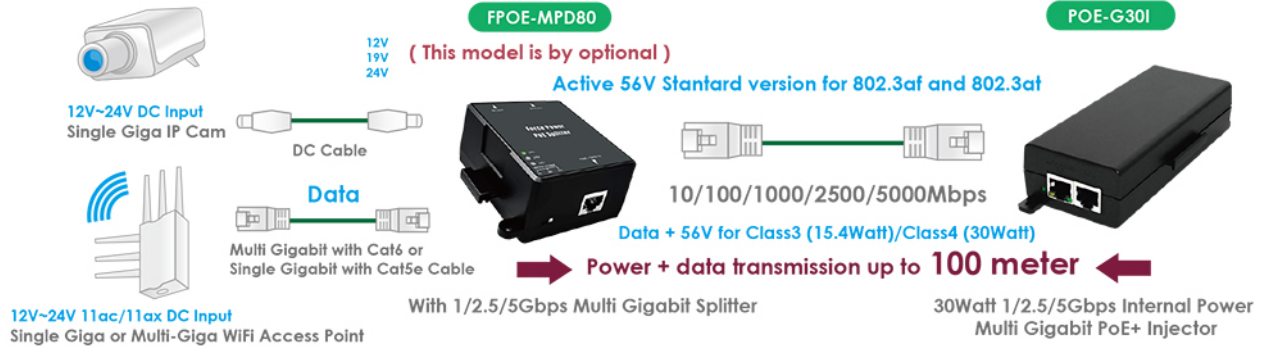
## Easy installation

Plug-and-Play, requires no configuration.

### Product Application

#### Apps2 : None PoE+ (PD) Devices

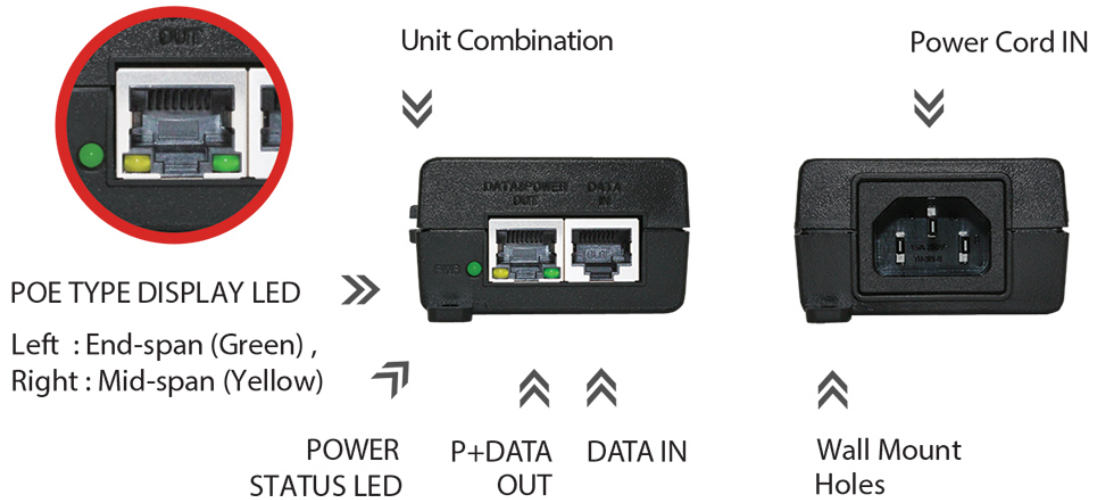
None POE for 1/2.5/5Gbps Multi Gigabit PTZ IP CAM/AP Device



\* The POE splitter allows a non compliant device to upgrade to PoE ,It is used to deploy remote non-PoE devices with no nearby AC outlets.

### Hardware Overview

\* Quickly detection shows that RJ45 power PIN connection has Power over Ethernet, and two LEDs indicate the status of PoE Power type for Midspan(B-Type) / RJ45 4,5,7,8 PIN and Endspan(A-Type) / RJ45 1,2,3,6 PIN



### Units Combination



## Standards & Hardware Specifications

### Standard

IEEE 802.3 10BASE-T  
 IEEE 802.3u 100BASE-TX  
 IEEE 802.3ab 1000BASE-T  
 IEEE 802.3bz 2.5G/5G BASE-T  
 IEEE 802.3af Power over Ethernet (PoE)  
 IEEE 802.3at Power over Ethernet (PoE+)

### Network Media

10BASE –T: UTP Cat. 3 or up  
 100BASE-TX: UTP Cat.5 or up  
 1G/2.5G/5GBASE-T : UTP Cat.5e or up

### Data Transfer Rate

10M/100M/1G/2.5G/5G (Half-duplex),  
 20M/200M/2G/5G/10G (Full-duplex)

### PoE Type

Active POE

### Data PIN

PIN 1/2,3/6 & 4/5,7/8

### Power PIN

End-span (Type-A): PIN 1/2,3/6  
 Mid-span (Type-B): PIN 4/5,7/8

### Ethernet Connector

RJ-45 x1 : Data  
 RJ-45 x1 : Power + Data

### Power Interface

Output: RJ45 Active 802.3af/at standard PoE+ 56V Out  
 Input: AC In

### ESD Protection

Supports ESD (Electro Static Discharge)  
 Over Voltage protection and Short Circuit Protection

## Package Contents

### Contents

POE-G30I Main Unit	x1
Power Code	x1
Warranty Card	x1

## Environmental & Mechanical Characteristics

### Max PoE Power

30Watt

### Power Requirement

AC Power Code

### PoE Output Voltage

56Volt

### Input Voltage

AC 100~240V, 50-60Hz

### LED

System: Power (Green) x1  
 PoE (RJ45) : End-span (Green), Mid-span (Yellow) x2  
 (The PoE LED on RJ45 Jack)

### Operating Temperature

0° to 40° C

### Storage Temperature

-40° to 70° C

### Storage Humidity

5% to 90% non-condensing

### Dimension ( W x D x H )

67.5\*155\*34mm

### Weight ( g )

181.2g

### Form Factor

Wall mounting, Desktop, Units Combination

### Case of material

Plastic

### Production Location

TW

### Certifications

FCC ,CE, RoHs compatible