

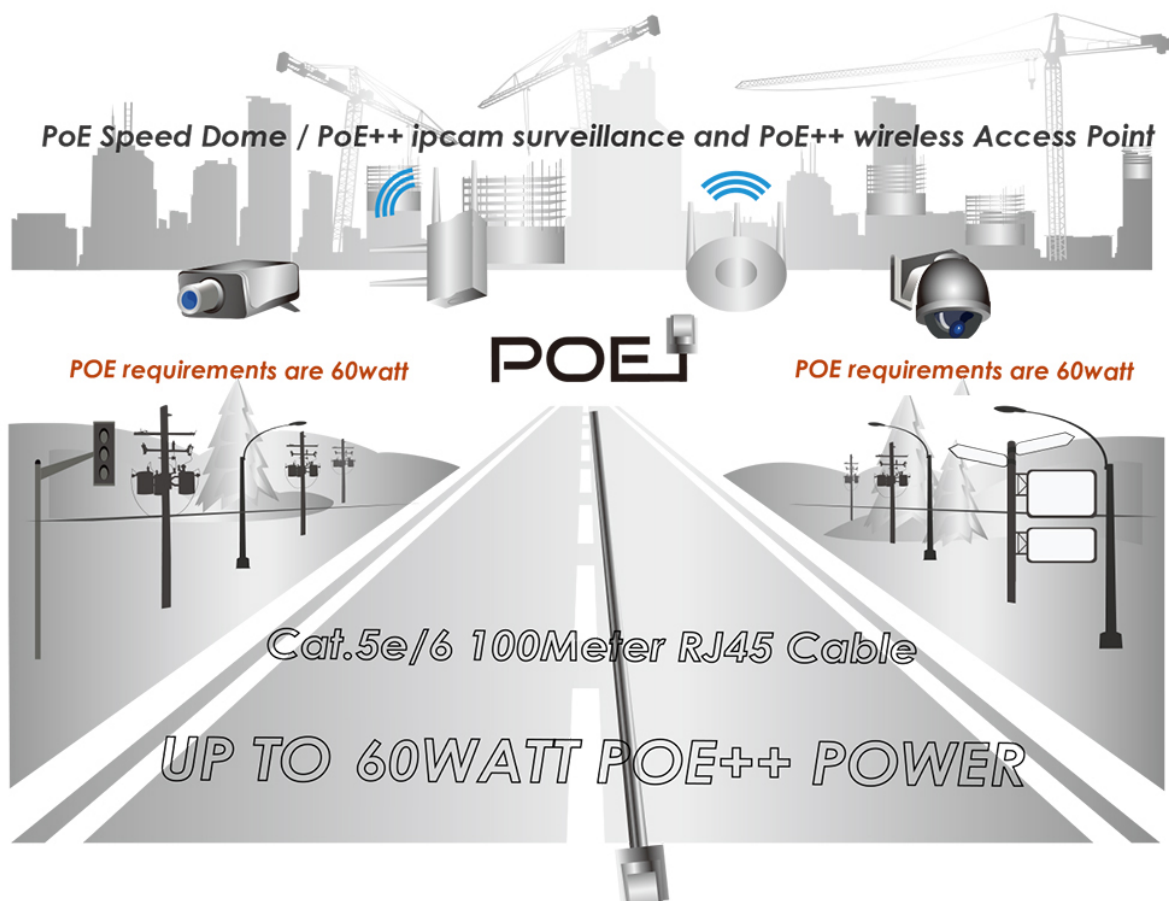
## POE-G60I

60Watt 10/100/1000M/Multi Gigabit PoE Injector

EAN Code : 4712757158090



CERIO POE-G60I supports IEEE 802.3af/at/bt Power Over Ethernet Standard. It's a Multi Gigabit single port Active PoE Injector and provides DC 56 Volt over Ethernet cables. It supports IEEE 802.3bt Type3/60Watt PoE++, IEEE 802.3at Type2/30Watt PoE+, IEEE 802.3af Type1/15.4Watt PoE 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/bt standard Multi Gigabit PoE++ Injector and provides the best solution for High-end WiFi PoE AP, Digital Signage PoE Station, PoE Speed Dome, Pan-Tilt-Zoom PoE IP CAM surveillance system integrators, etc.



1/2.5/5Gbps Speed



Active Power

**POE-G60I**

Active 60W 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 802.3bt PoE++, IEEE 802.3at and IEEE 802.3af PoE standards.
- Supports Multi Gigabit (1/2.5/5Gbps) Ethernet connection ability.
- Supports PoE PSE/PD function and provides 802.3bt PoE Class6 and backward power level for PD device.
- Provides Active 802.3bt PoE++ output ability, and low cable-loss which can maintain 60Watt PoE power up to 100 meters distance.
- Supports End-span (Type-A) and Mid-span (Type-B) power pin.
- Internal power design and supports 56V PoE output.
- Supports IEEE 802.3af/at/bt POE standards and PoE max power up to 60Watt Class6 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 CAT5e 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-G60I** Power over Ethernet PoE injector is designed to through 4Pair UTP Ethernet Cable to deliver both data and power to PD device, such as the latest WiFi 6 generation 802.11ax PoE WiFi AP, PoE IP Speed Dome PTZ CAM and surveillance system equipment provide a stable high power PoE powered solution. The **POE-G60I** greatly simplifies the wiring and deployment process, and brings a great deal of convenience benefits to system integration, 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 CAT5e or up cabling.

## ESD Protection

**POE-G60I** 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.

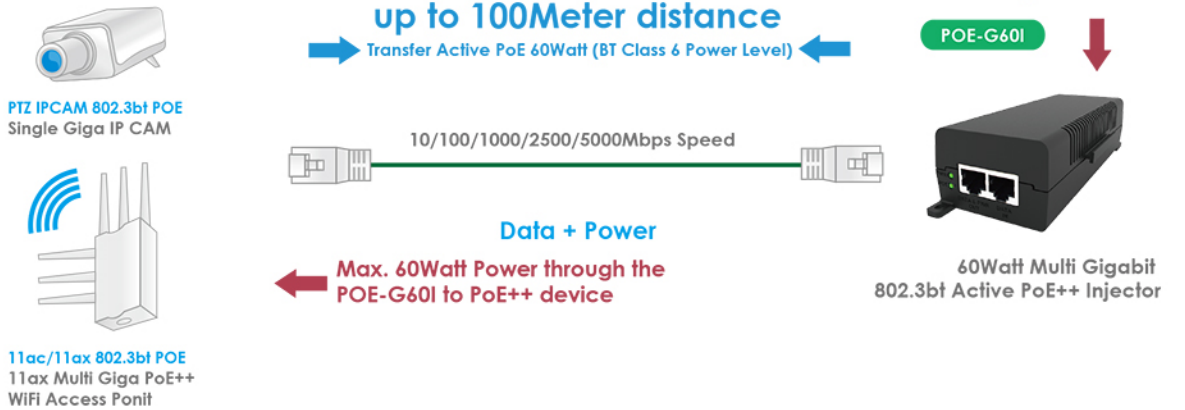
## Easy installation

Plug-and-Play, requires no configuration.

### Product Application

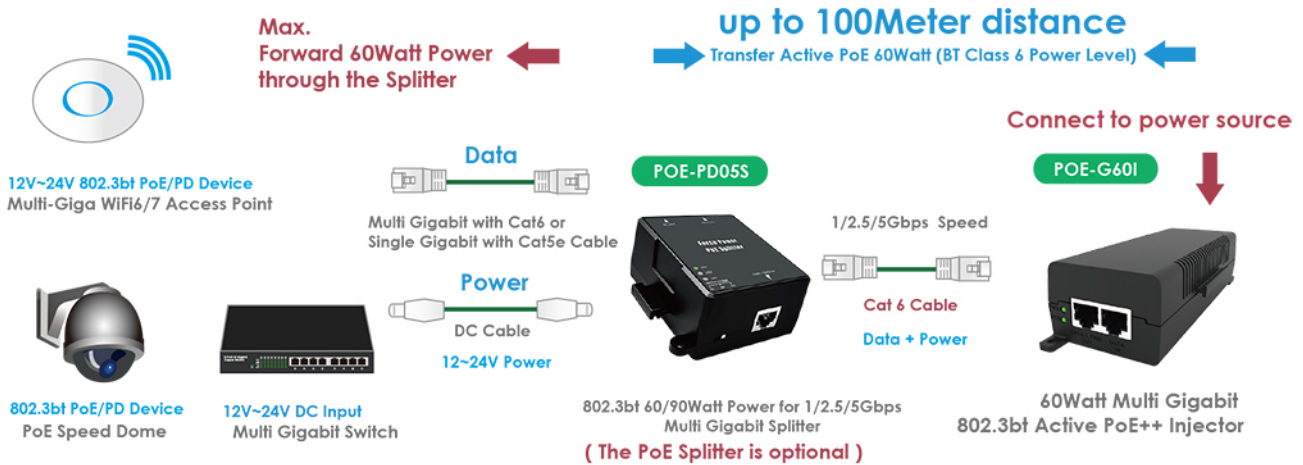
#### Apps1 : BT PoE (PD) Devices

With POE for 1/2.5/5Gbps Multi Gigabit PTZ IP CAM/AP Devices



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

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



\* The Multi Gigabit 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 / 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 Type1 Power over Ethernet (PoE)  
 IEEE 802.3at Type2 Power over Ethernet (PoE+)  
 IEEE 802.3bt Type3 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 (Includes the following class standard) :  
 Type1 : POE Class1~3, IEEE802.3af 4/7/15.4Watt  
 Type2 : POE Class4 , IEEE802.3at 30Watt  
 Type3 : POE Class5~6, IEEE802.3bt 45/60Watt

### 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 IEEE 802.3af/at/bt Active PoE++ 56V  
 Out

Input: AC In

### ESD Protection

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

## Environmental & Mechanical Characteristics

### Max PoE Power

60Watt

### Power Requirement

AC Power Code

### PoE Output Voltage

56Volt

### Input Voltage

AC 100~240V, 50-60Hz

### LED

System (Power) : Green x1  
 PoE : Green x1

### Operating Temperature

0° to 40° C

### Storage Temperature

-40° to 70° C

### Operating Humidity

5% to 90% non-condensing

### Storage Humidity

5% to 90% non-condensing

### Dimension ( W x D x H )

67.5\*164\*39.8mm

### Weight ( kg )

212g

### Form Factor

Wall mounting, Desktop, Units Combination

### Case of material

Plastic

### Production Location

TW

### Certifications

FCC ,CE, RoHS compatible

## Package Contents

### Contents

**POE-G60I Main Unit** x 1  
 Power code x 1  
 Warranty Card x 1