

POE-G90I

90Watt 10/100/1000M/Multi Gigabit PoE Injector

EAN Code : 4712757159981



CERIO POE-G90I 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 802.3bt Type4/90Watt 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.

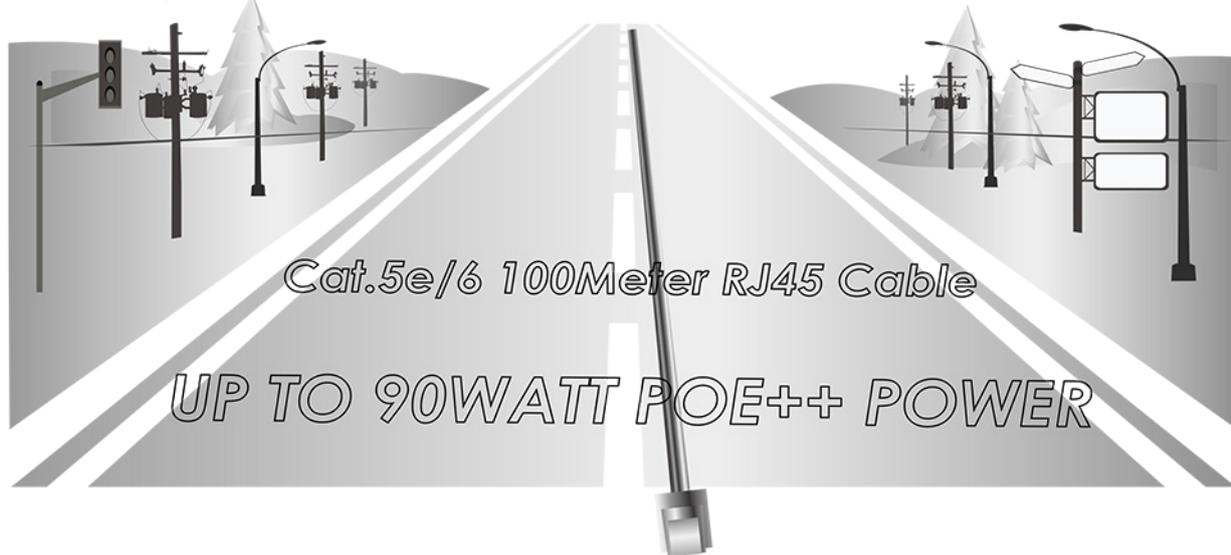
PoE Speed Dome / PoE++ ipcam surveillance and PoE++ wireless Access Point



POE requirements are 60watt

POE

POE requirements are up to 90watt



Cat.5e/6 100Meter RJ45 Cable

UP TO 90WATT POE++ POWER

1/2.5/5Gbps Speed



Active Power

POE-G90I

Active 90W 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 Class8 and backward power level for PD device.
- Provides Active 802.3bt PoE++ output ability, and low cable-loss which can maintain 90Watt 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 90Watt Class8 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 5e 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-G90I** 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-G90I** 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 CAT 5e or up cabling.

ESD Protection

POE-G90I 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.

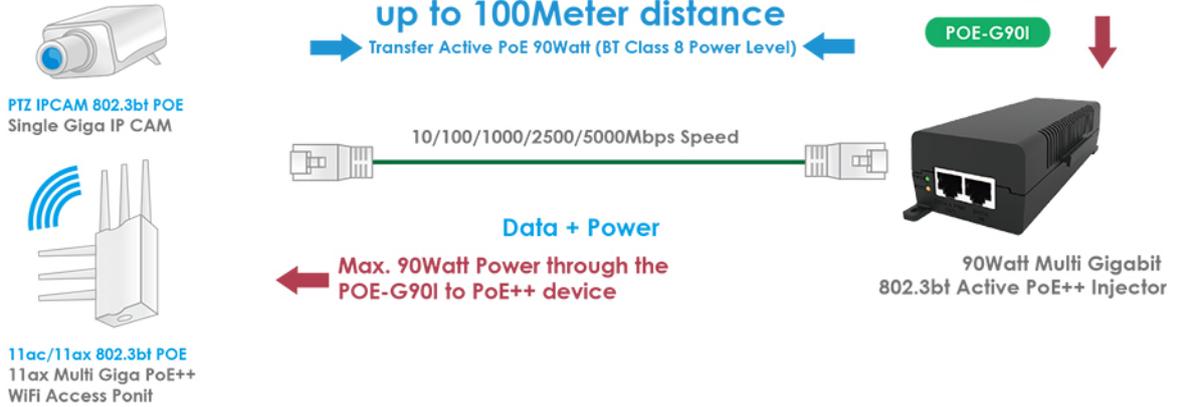
Easy installation

Plug-and-Play, requires no configuration.

Product Application

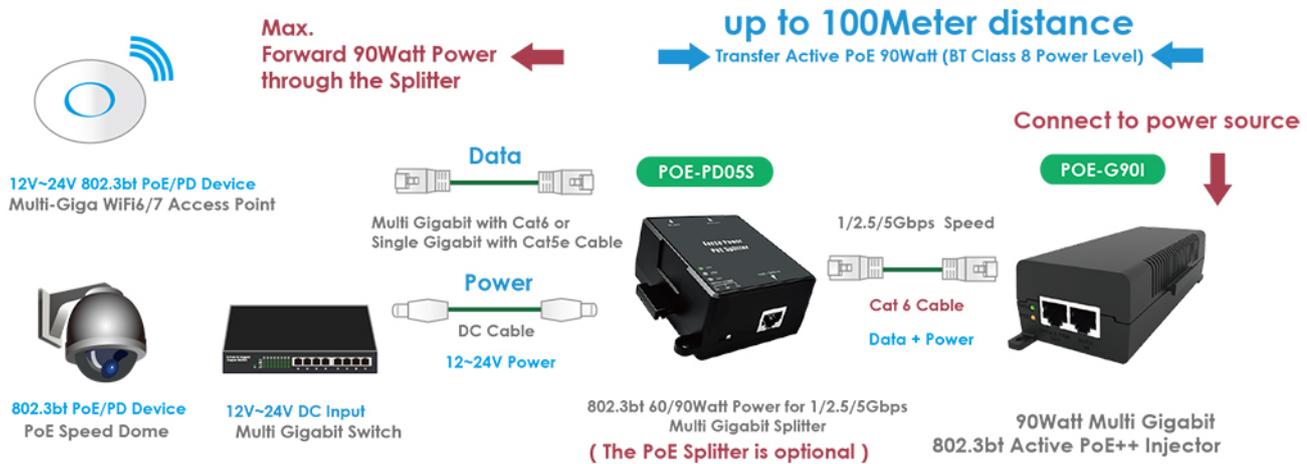
Apps1 : BT PoE (PD) Devices

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/Type4 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
 Type4 : POE Class7~8 , IEEE802.3bt 75/90Watt

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

90Watt

Power Requirement

AC Power Code

PoE Output Voltage

56Volt

Input Voltage

AC 100~240V, 50-60Hz

LED

System (Power) : Green x1
 PoE : Yellow x1

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*164*39.8mm

Weight (g)

236g

Form Factor

Wall mounting, Desktop, Units Combination

Case of material

Plastic

Production Location

TW

Certifications

FCC ,CE, RoHs compatible

Package Contents

Contents

POE-G90I Main Unit	x1
Power code	x1
Warranty Card	x1