

# POE-PE03GE-30W

30Watt 10/100/1000M Gigabit PoE Injector

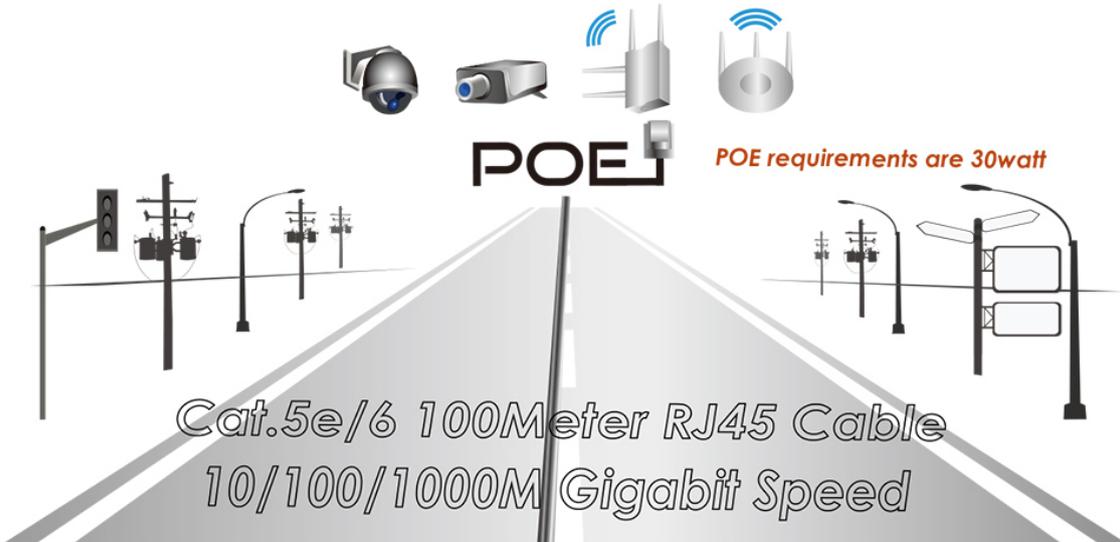
EAN Code : 4712757150292



The **POE-PE03GE-30W** is a passive type Gigabit PoE Injector bundle 30Watt Power supply. You can simultaneously transmit network data and power to PD powered network equipment through the RJ45 UTP cable. The simple connection provides a better solution for network devices for where the power source is not readily available.



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



POWER + DATA OUT

UP TO 30WATT  
POE POWER

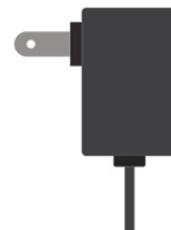
POE-PE03GE-30W



DATA IN

Power input interfaces :  
DC jack

Power Source  
DC Adapter



48~57V 30Watt  
power adapter

## Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T.
- Supports PoE Powered Device (PD ) classification identify in accordance with Class 3/4 PoE 15.4/30Watt Power Levels.
- Bundles 30Watt Power supply for maximum power capacity of 30Watt.
- Over Current Protection and Short-circuit Protection.
- Supports desktop or wall mounting installation and multiple units combination for easy to bundles organize the Ethernet cables.

## Functionality

The **POE-PE03GE-30W** is a cost effective solution for deploying **Gigabit PoE Wireless Access Points or PoE IP Surveillance or PoE IP Phone** in environments where the power source is not readily available or power cables are not permitted. In Gigabit Ethernet, four pairs of Cat5 or Cat5E twisted pairs are used as the medium for transmission. The actual data transmission only takes up two pairs of wires (pairs 1-2 and 3-6). The PoE technology utilizes the remaining pairs (pairs 4-5 and 7-8) to conduct electricity. The output power will be dependent on the power rating of the power supply that one chooses to use. This helps to reduce number of wires that lead up to tower and others.

## 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.

## 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 : PoE (PD) Device

POE IP CAM / AP Device



15.4 Watt or Max. 30 Watt

56 volt for compatible 802.3af/at ( Passive ) POE

10/100/1000 Mbps

Data + 56 volt Class3 POE

POE-PE03GE/T-30W



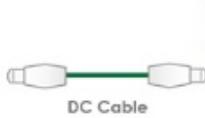
15.4 Watt ~ 30 Watt Gigabit PoE Injector

### Apps2 : None PoE (PD) Device

None POE IP CAM / AP Device



Max. 27 Watt



DC Cable

POE-PD04S



Gigabit Splitter PoE power to DC

56 volt for compatible 802.3af/at ( Passive ) POE

10/100/1000 Mbps

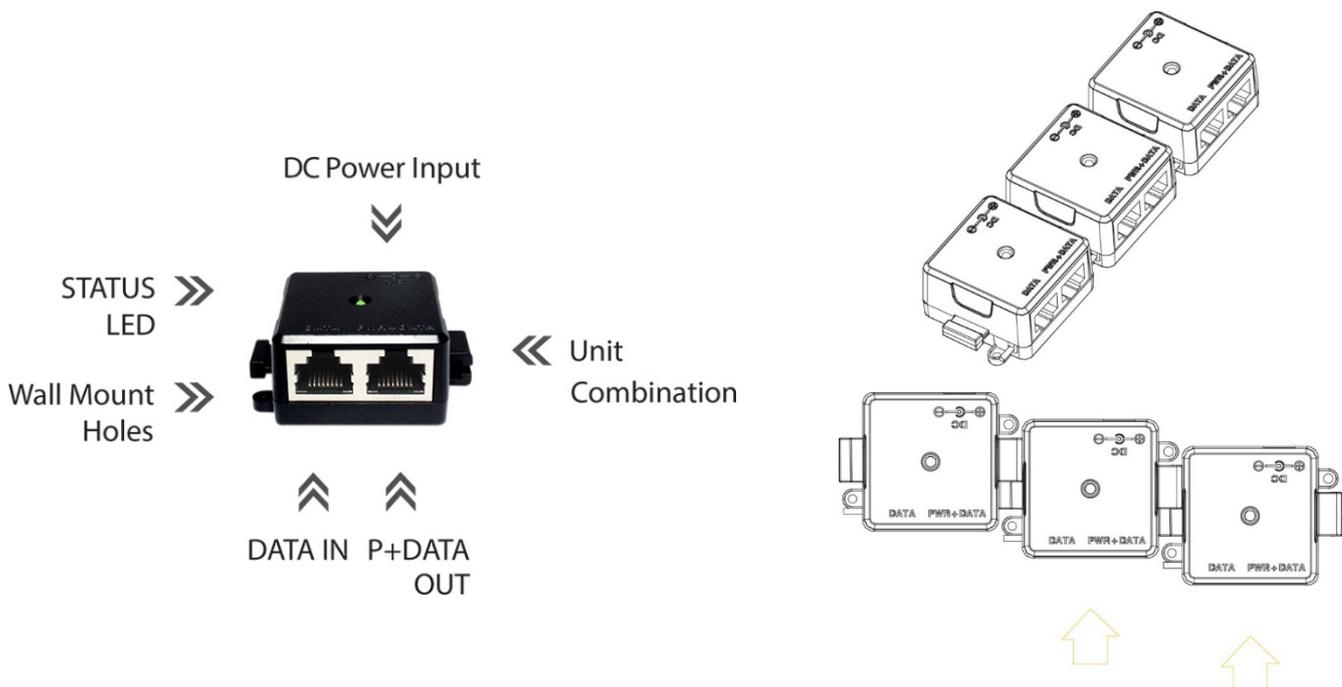
Data + 56 volt Power

POE-PE03GE/T-30W



15.4 Watt ~ 30 Watt Gigabit PoE Injector

## Hardware Overview



Multiple units combination for easy to bundles organize the Ethernet cables

### Standards & Hardware Specifications

Standard
IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000Base-T
Network Media
10BASE –T: UTP Cat. 3 or up 100BASE-TX : UTP Cat. 5 or up 1000BASE-T : UTP Cat. 5 or up
Data Transfer Rate
10/100/1000Mbps (Half-duplex), 20/200/2000Mbps (Full-duplex)
PoE Type
Passive POE
Data PIN
PIN 1/2 & 3/6 , 4/5 & 7/8
Power PIN
Mid-span (Type-B): PIN 4/5,7/8
Ethernet Connector
RJ-45 x1 : Data RJ-45 x1 : Power + Data
Power Interface
Output: RJ45 Passive PoE+ 56V Out Input: DC In
ESD Protection
Supports ESD (Electro Static Discharge) Over Voltage protection and Short Circuit Protection

### Package Contents

Contents		
POE-PE03GE-T Main Unit		x1
Power Adapter		x1
Warranty Card		x1

### Environmental & Mechanical Characteristics

Max PoE Power	30Watt
Power Requirement	56V 30W External Power Supply
Input Voltage	48 ~ 57Volt
LED	System: Power <span style="float: right;">x1</span>
Operating Temperature	0° to 55° 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 )	54 x 41 x 23mm
Weight ( g )	30g
Form Factor	Wall mounting /Desktop/ Units Combination
Case of material	ABS
Production Location	TW
Certifications	RoHs compatible