POE-PE03GE-24W

24Watt 10/100/1000M Gigabit PoE Injector

EAN Code : 4712757155044

Introduction

The **POE-PE03GE-24W Gigabit PoE Adapter bundle 48VDC 24Watt Power supply** is suitable for use with products that basically does support Power Over Ethernet. Simply connect the power source to the Adapter, and then use an Gigabit Ethernet cable to connect the Adapter to the device.

Higlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, and IEEE802.3ab 1000Base-T and compatible with 802.3af Ethernet standards.
- Supports PoE Powered Device (PD) classification identify in accordance with Class 3 15.4Watt PoE Power Levels .
- Bundles 24Watt Power supply for maximum power capacity of 24Watts.
- Supports PoE Powered Device (PD) classification identify.
- Supports desktop or wall mounting installation and multiple units combination for easy to bundles organize the Ethernet cables.

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.

Functionality

The **POE-PE03GE-24W** It's a cost effective solution for deploying **Gigabit PoE Wireless Access Points or PoE IP Surveillance or PoE IP Phone** in indoor or outdoor 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.

Additional Benefits

Some additional benefits of Cerio POE Injector include cost saving, convenience in network planning, and higher reliability.
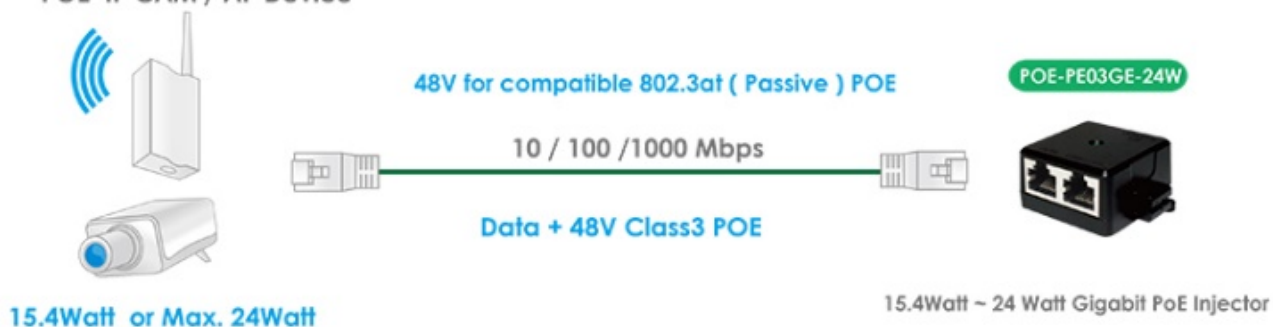
Easy installation

Plug-and-Play, requires no configuration.

POE-PE03GE Application

POE-PE03GE Units Combination
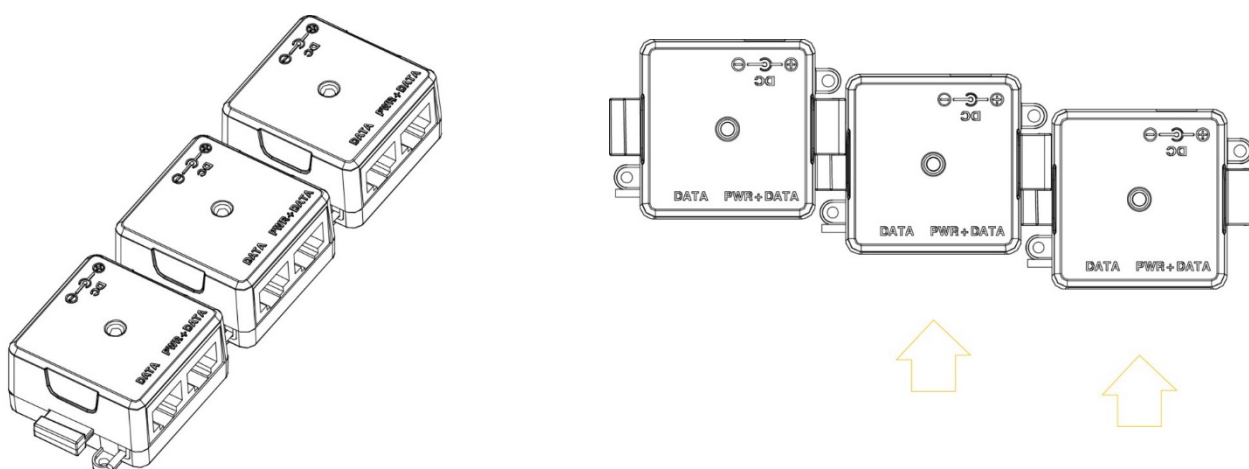
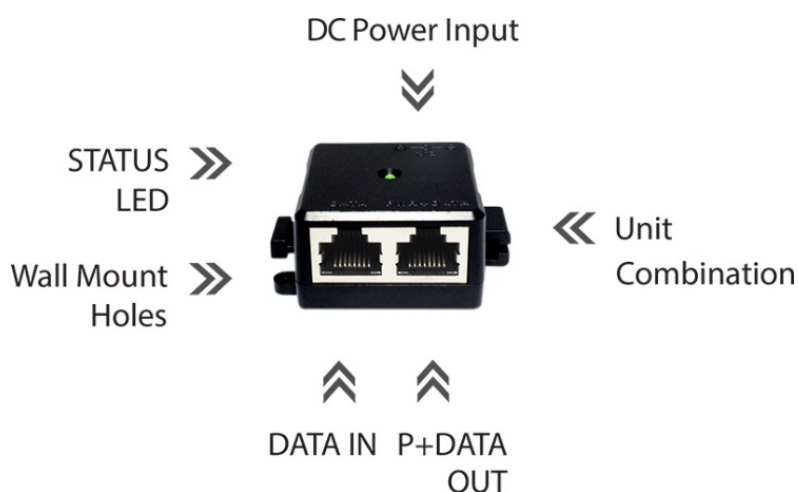**Multiple units combination for easy to bundles organize the Ethernet cables**

POE-PE03GE-24W Hardware Overview

DC Power Input

STATUS LED

Wall Mount Holes

Unit Combination

DATA IN   P+DATA OUT

Standards & Hardware Specifications

Standard
IEEE802.3 10BASE-T
IEEE802.3u 100BASE-TX
IEEE802.3ab 1000Base-T
Passive PoE (Compatible to 802.3af)

Network Media
10BASE –T: UTP Cat. 3 or up
100BASE-TX : UTP Cat. 5 or up
1000BASE : UTP Cat. 5 or up

Data Transfer Rate
10/100/1000Mbps (Half-duplex), 20/200/2000Mbps (Full-duplex)

PoE Type
Midspan / Type-B (PIN 4/5 & 7/8)

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

Power PIN
PIN 4/5 & 7/8

Environmental & Mechanical Characteristics

Max PoE Power
24Watts per port

Power Connector(Interface)
DC-Jack

Power Input Voltage
44-57V

Power Requirement
External power adapter : 48V DC/0.5A power supply for maximum output of 24Watts

LED
Power on x1

Operating Temperature
0° to 55° C

Storage Temperature
-40° to 70° C

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 Only

Certifications
RoHs compatible

Package Contents

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