

## POE-MG30T

**30Watt 1/2.5/5Gbps Multi Gigabit  
DC/Terminal PoE+ Injector**

EAN Code : 4712757159608



### Introduction

The **POE-MG30T** complying with IEEE 802.3af/at standard, and Power over Ethernet Injector provides **DC 48-57V** over Ethernet cables. It supports up to IEEE802.3af 15.4Watt POE (Class3 Standard) and IEEE802.3at 30 Watt POE+ (Class4 Standard) maximum output power. **The POE-MG30T supports Screw Terminal Block for external Power and DC In both Power System and provides 1/2.5/5Gbps Multi Gigabit RJ45 Ethernet connection ability.**

### Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2500/5000BASE-T, IEEE 802.3af PoE, IEEE 802.3at PoE+.
- Supports 1/2.5/5Gbps Multi Gigabit RJ45 Ethernet Connection.
- Auto detect PD power supply is powered by End-span (Type-A) or Mid-span (Type-B) power pin, and LED indicators for Power function enable.
- Max Power : 30Watt (IEEE 802.3at) POE+ , for bundle 55V/0.55A Power supply.
- Supports PoE Powered Device (PD ) classification identify.
- Provide Screw Terminal Block for external Power and DC In both Power System. User can select either one to supply power or it can choice dual power supply as power backup function for the device. (Power failover).
- Over Current Protection & Short-circuit Protection.
- Supports wall mounting and multiple units combination easy to use.

### Functionality

**POE-MG30T** greatly simplifies the wiring and deployment process, and brings a great deal of convenience benefits to home, office, and industrial environments. **Provides 1/2.5/5Gbps Multi Gigabit RJ45 Ethernet** to meet current and future network needs, and **supports both End-span (Type-A) and Mid-span (Type-B) power pin more convenient to use.** The **POE-MG30T** Power over Ethernet (POE) adapter is designed to supply operational power to wireless LAN devices such as PoE access point bridges, routers, and surveillance cameras. With Power over Ethernet devices installed, the system administrator only has to use a single RJ-45 Ethernet cable to carry both power and data to each device.

### 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-MG30T** 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 : PoE+ (PD) Device

1/2.5/5Gbps Multi Gigabit POE PTZ IP CAM/AP Device



48~57V for 802.3af and 802.3at



Data + 48~57V Class3 or Class 4 POE

POE-MG30T

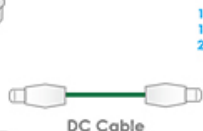


High Max. 30Watt Power

30Watt 1/2.5/5Gbps Multi Gigabit PoE+ Injector

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

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



POE-PD03S



10 / 100 / 1000 Mbps



Data + 48~57V Power

POE-MG30T

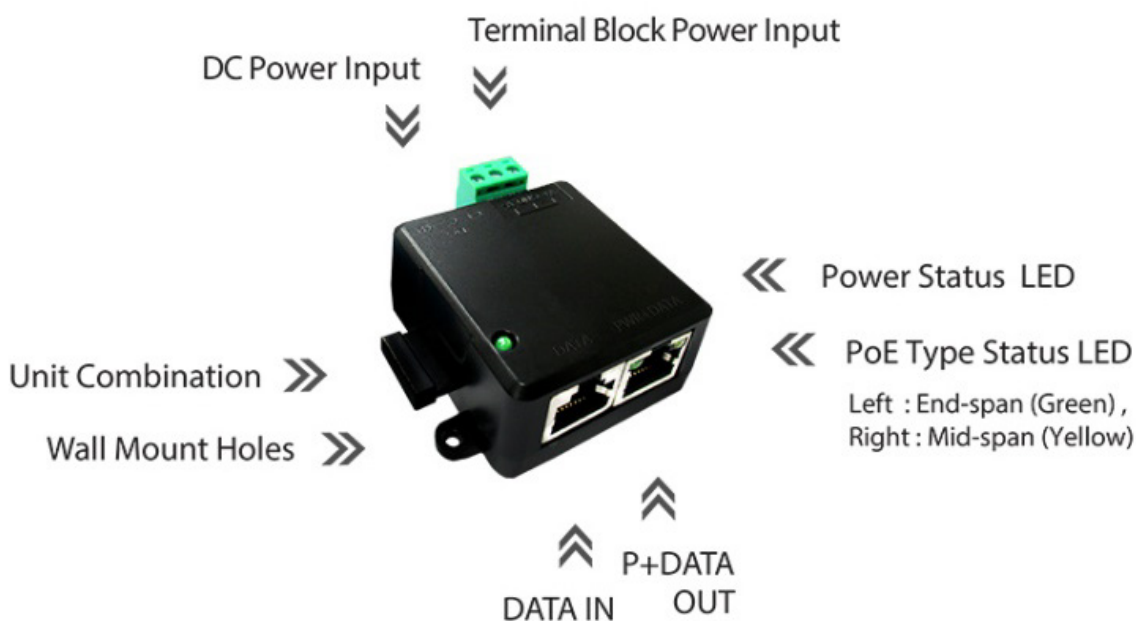


With 1/2.5/5Gbps Multi Gigabit Splitter

High Max. 24Watt Power

30Watt 1/2.5/5Gbps Multi Gigabit PoE+ Injector

## Hardware Overview



## Standards & Hardware Specifications

<b>Standard</b>
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 Plus (PoE+)
<b>Network Media</b>
100BASE-TX: UTP Cat.5 or up
1G/2.5G/5G BASE-T : UTP Cat.5e or up
<b>Data Transfer Rate</b>
100M/1G/2.5G/5G (Half-duplex), 200M/2G/5G/10G (Full-duplex)
<b>PoE Type</b>
End-span (Type-A): PIN 1/2,3/6
Mid-span (Type-B): PIN 4/5,7/8
<b>Data PIN</b>
PIN 1/2,3/6 & 4/5,7/8
<b>Power PIN</b>
PIN 1/2,3/6 or 4/5,7/8 (Power + Data Pin)
<b>ESD Protection</b>
Over Voltage protection and Short Circuit Protection
<b>Screw Terminal Block</b>
Removable 2-contact

## Package Contents

<b>Contents</b>	
POE-MG30T Main Unit	x1
30Watt Power Adapter	x1
Warranty Card	x1

## Environmental & Mechanical Characteristics

<b>Max Power Output</b>	30Watts
<b>Power Connector(Interface)</b>	DC-Jack or Screw Terminal Block
<b>Power Requirement</b>	External Power Supply 55V DC / 0.55A
<b>Input Voltage</b>	48 ~ 57Volt
<b>LED</b>	System: Power (Green) x1 PoE (RJ45): End-span(Green), Mid-span (Yellow) x2 (The PoE LED on RJ45 Jack)
<b>Operating Temperature</b>	0° to 55° C
<b>Storage Temperature</b>	-40° to 70° C
<b>Operating Humidity</b>	5% to 90% non-condensing
<b>Storage Humidity</b>	5% to 90% non-condensing
<b>Dimension ( W x D x H )</b>	64.8 x 65.8 x 24mm
<b>Weight ( g )</b>	46g
<b>Form Factor</b>	Wall mounting / Units Combination
<b>Case of material</b>	ABS
<b>Production Location</b>	TW Only
<b>Certifications</b>	FCC ,CE, RoHs compatible