

POE-MG30

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

EAN Code : 4712757159585



Introduction

The **POE-MG30** 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. Unlike existing Power over Ethernet Injectors, the **POE-MG30 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 2.5G/5GBASE-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.
- Over Current Protection & Short-circuit Protection.
- Supports multiple units combination easy to use.

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

POE-MG30 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-MG30** 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.

ESD Protection

POE-MG30 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.

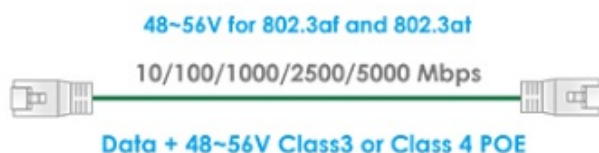
Easy installation

Plug-and-Play, requires no configuration.

Product Application

Apps1 : PoE+ (PD) Device

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



POE-MG30



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

High Max. 30Watt Power

Apps2 : None PoE+ (PD) Device

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



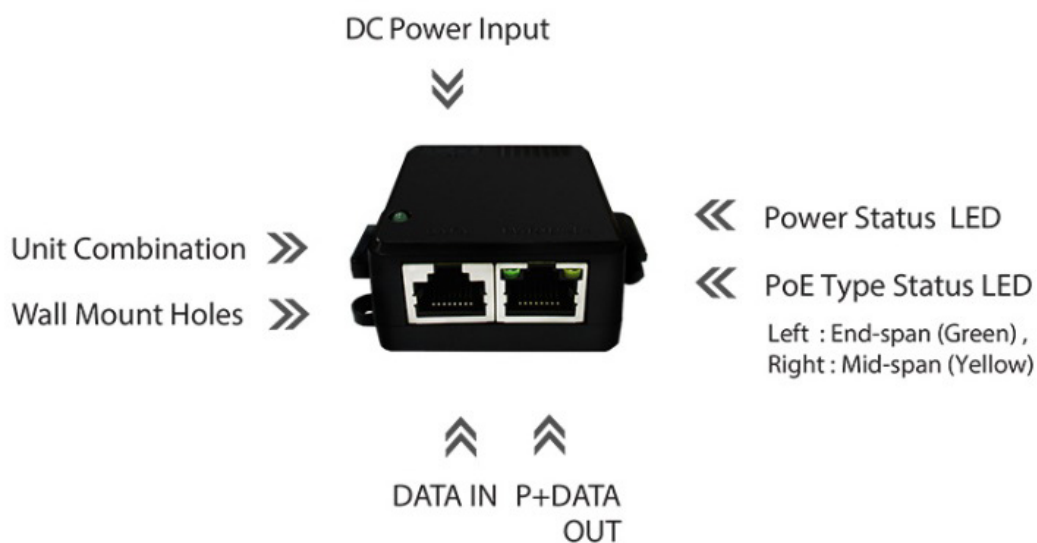
POE-MG30



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

High Max. 24Watt Power

Hardware Overview



Standards & Hardware Specifications

Standard
IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T
IEEE 802.3bz 2.5G/5GBASE-T
IEEE 802.3af Power over Ethernet (POE)
IEEE 802.3at Power over Ethernet Plus (POE+)
Network Media
100BASE-TX: UTP Cat.5 or up
1G/2.5G/5G BASE-T : UTP Cat.5e or up
Data Transfer Rate
100M/1G/2.5G/5G (Half-duplex), 200M/2G/5G/10G (Full-duplex)
PoE Type
End-span (Type-A): PIN 1/2,3/6
Mid-span (Type-B): PIN 4/5,7/8
Data PIN
PIN 1/2,3/6 & 4/5,7/8
Power PIN
PIN 1/2,3/6 or 4/5,7/8 (Power + Data Pin)
ESD Protection
Over Voltage protection and Short Circuit Protection

Package Contents

Contents	
POE-MG30 Main Unit	x1
30Watt Power Adapter	x1
Warranty Card	x1

Environmental & Mechanical Characteristics

Max Power Output	30Watts
Power Connector(Interface)	DC-Jack
Power Requirement	External Power Supply 55V DC / 0.55A
Input Voltage	48 ~ 57Volt
LED	System: Power (Green) x1 PoE (RJ45): End-span(Green), Mid-span (Yellow) x2 (The PoE LED on RJ45 Jack)
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)	65 x 52 x 28mm
Weight (g)	43g
Form Factor	Wall mounting / Units Combination
Case of material	ABS
Production Location	TW Only
Certifications	FCC ,CE, RoHs compatible