

POE-S48G2

30Watt 10/100/1000M Gigabit PoE+ Injector

EAN Code : 4712757159080



Introduction

The **POE-S48G2**, IEEE 802.3af/at compatible, Power over Ethernet Injector provides **DC 48V** 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-S48G2 provides **10/100/1000Mbps Giga Ethernet connection ability**.

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE-802.3af PoE , IEEE-802.3at PoE
- Max Power : 30Watt (IEEE 802.3at) POE+ , for bundle 48V/0.83A Power supply
- Supports PoE Powered Device (PD) classification identify
- Provide Screw Terminal Block for external Power and DC In both Power System.
- Over Current Protection
- Short-circuit Protection

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-S48G2 greatly simplifies the wiring and deployment process, and brings a great deal of convenience benefits to home, office, and industrial environments. The POE-S48G2 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-S48G2 supports ES , 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.

POE-S48G2 Application

Apps1 : PoE+ (PD) Device

POE or POE+ PTZ IP CAM / AP Device



48V for 802.3af and 802.3at

10 / 100 / 1000 Mbps

Data + 48V Class3 or Class 4 POE

POE-S48G2



30Watt Gigabit PoE+ Injector

High Max. 30Watt Power

Apps2 : None PoE+ (PD) Device

None POE PTZ IP CAM / AP Device



5V
7.5W
9V
12V

POE-PD02S+



10 / 100 / 1000 Mbps

Data + 48V Power

POE-S48G2



30Watt Gigabit PoE+ Injector

High Max. 24Watt Power

With Gigabit Max .24W Splitter Apps

POE-S48G2 Hardware Overview



Standards & Hardware Specifications

Standard
IEEE802.3 10BASE-T
IEEE802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T
IEEE802.3af Power over Ethernet(POE)
IEEE802.3at Power over Ethernet Plus (POE+)
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
Endspan / A-Type (PIN 1/2&3/6)
Data PIN
PIN 1/2,3/6 & 4/5,7/8
Power PIN
PIN 1/2, 3/6 (Power + Data Pin)
ESD Protection
Over Voltage protection and Short Circuit Protection
Screw Terminal Block
Removable 2-contact

Package Contents

Contents	
POE-S48G2 Main Unit	x1
30Watt Power Adapter	x1
Warranty Card	x1

Environmental & Mechanical Characteristics

Max PoE Power
30Watts per port
Power Connector(Interface)
DC-Jack: for bundle Power Supply or Screw Terminal Block
Power Requirement
External Power Supply 48V DC / 0.83A
Input Voltage
48Volt
LED
Power unit x1 : AC power in(Red) , General powered (Green)
Operating Temperature
0° to 45° C
Storage Temperature
-40° to 70° C
Storage Humidity
5% to 90% non-condensing
Dimension (W x H x D)
80 x 68 x 24mm
Weight (g)
51g
Form Factor
Wall mounting
Case of material
ABS 94V-0
Certifications
FCC ,CE, RoHs compatible