

POE-PD03S

10/100/1000M Gigabit PoE+ Splitter

EAN Code : 4712757159127



Introduction

The CERIO **POE-PD03S** delivers Power over Ethernet (**Fast Ethernet /Giga Ethernet**) to remote devices. The PoE Splitter can be used to **complement any 802.3at /802.3af PoE**, Proprietary injector unit, or mid-span switch to provide small to medium-sized businesses with a complete end-to-end PoE solution. **POE-PD03S delivers both data and electrical power to non-PoE Fast Ethernet or Gigabit Ethernet devices.**

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE-802.3at PoE+ / 802.3af PoE
- The IEEE802.3at/af PoE splitter can use to connect non-PoE IEEE802.3at /802.3af-compliant devices to an PoE+ injector or PoE+ switch
- Output current 12VDC / 24VDC
- Max Power Transmission : 24 Watts for DC output
- Supports Ethernet PoE to Separate to only DC/Power and only Ethernet/Data.
- Supports to Short-circuit Protection, for any output short GND Terminal will not damage the power supply and will auto-reset
- Power Saving design, keep less power over Ethernet Cable until PD device request
- Bundle accessories for inside diameter 2.1 mm(PHY) to 2.1 (PHY) mm and 1.35mm DC Y cable
- LED indicators for Power function enable
- Supports desktop or wall mounting installation

Long Distance Application

Cerio PoE Splitter available are the following output voltages (**12V/24V**) to up to **100Meters (328 feet)** from a power source. The Gigabit PoE suggest use a Cat 6 Ethernet cable to meet 100Meters PoE distance.

Functionality

POE-PD03S is designed to run Gigabit speed PoE cables over long distances. This device splits the PoE signal into separate data and power sources and relays them into non-PoE devices. **Supports 12V and 24V via DIP switch.** Using the Cerio PoE Splitter, you can take advantage of Power Over Ethernet and place Fast/Giga Ethernet-enabled products, such as **Wireless Access Points Network Cameras, and VoIP Phone** where power outlets are not readily available.

ESD Protection

POE-PD03S 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 splitter include cost saving, convenience in network planning, and higher reliability.

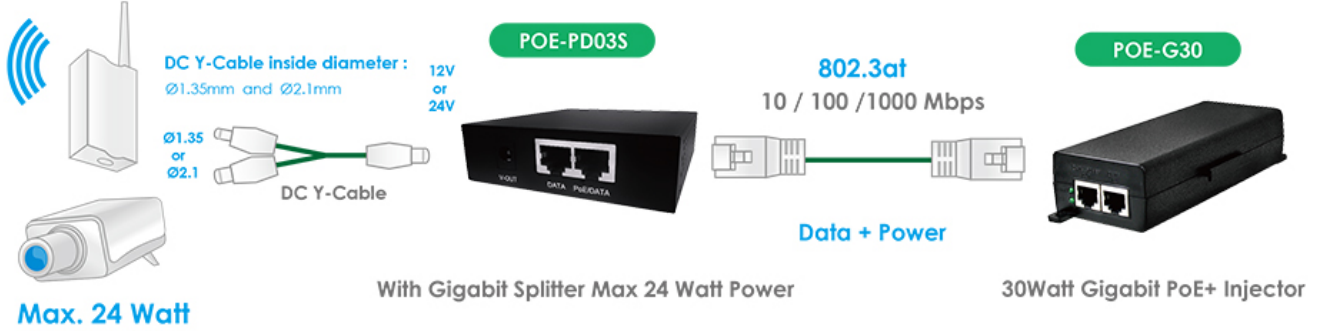
Easy installation

The PoE Splitter is simple Plug-and-Play, requires no configuration.

POE-PD03S Application

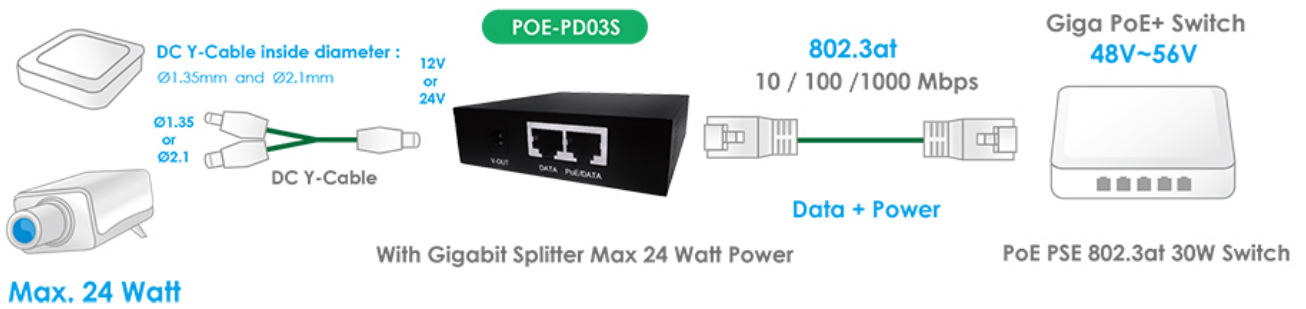
None PoE / PoE+ (PD) Device-Apps1

POE IP CAM / PTZ IP CAM / AP Device



None PoE / PoE+(PD) Device-Apps2

None POE IP CAM / PTZ IP CAM / AP Device



POE-PD03S Hardware Overview



STATUS LED
 DC Output Control Switch
 to 12V or 24V

DC Power OUT
 DATA OUT
 P+DATA IN

Standards & Hardware Specifications

Standard

IEEE802.3 10BASE-T
 IEEE802.3u 100BASE-TX
 IEEE 802.3ab 1000BASE-T
 IEEE802.3at Power over Ethernet (PoE+)
 IEEE802.3af Power over Ethernet (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)

Data

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

Power

PIN 1/2, 3/6 (802.3af PoE)
 PIN 4/5, 7/8 (Proprietary PoE)

Data in

Connects PC/HUB/Switch

Ethernet Connector

RJ-45 x1 for Power + Data input ,
 RJ-45 x1 for Data output,

ESD Protection

Over Voltage protection and Short Circuit Protection

Package Contents

Contents

| | |
|---|----|
| POE-PD03S Main Unit | x1 |
| Inside diameter 2.1mm(PHY) to 2.1mm and 1.35mm (PHY) DC Y Cable | x1 |
| Warranty Card | x1 |

Environmental & Mechanical Characteristics

Max PoE

24Watts

Power Connector (Interface)

DC-Jack :

Output to any none PoE 12V or 24V DC in device

Power Requirement

802.3af 48V and 802.3at 48V~56V POE+ Ethernet source

POE Input Voltage

48V~56V

DC Output Control Range

12V / 24V Two range adjustable by DIP switch

DC Output Rating (Min/Max)

0.1A~2A

LED Indicators

Power on & Output : 12V or 24V

Operating Temperature

0° to 40° C

Storage Temperature

-40° to 70° C

Operating Humidity

10% to 90% non-condensing

Storage Humidity

5% to 90% non-condensing

Dimension (W x H x D)

86 x 79 x 25mm

Weight (g)

215g

Case of material

Metal case

Certifications

FCC ,CE, RoHs compatible