

POE-PD06S

10/100/1000M/Multi Gigabit 802.3bt Class8 to DC12-24V PoE Splitter

EAN Code : 4712757150162

Introduction

The **CERIO POE-PD06S** provides **Multi Gigabit Ethernet** capability and is backward compatible with 10/100/1000Mbps network standards. It supports **IEEE 802.3bt PoE++ / 802.3at PoE+ / 802.3af PoE** standards and provides PoE 44~57V Ethernet power and data input to separate to only DC/Power output and only Ethernet /Data output. It's a high efficiency PoE Splitter solution. **Supports DC output voltage 12V, 19V and 24V via DIP switch three range adjustable.**

Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2500/5000 BASE-T, IEEE 802.3af PoE, IEEE 802.3at PoE+ and IEEE 802.3bt PoE++ standards.
- Supports **1 / 2.5 / 5Gbps Multi Gigabit Ethernet.**
- The **POE-PD06S** PD Splitter can use to connect non-PoE IEEE 802.3bt / 802.3at / 802.3af powered devices to PoE Switch or PoE injector.
- Supports Output Voltage hot switching for **12VDC, 19VDC, 24VDC three range adjustable.**
- When using Active or Passive PoE 90Watts or up as input, the maximum power output:DC24V/80Watts, DC19V/72.2Watts, DC12V/50Watts output.
- Supports Ethernet PoE to separate to only DC/Power and only Ethernet/Data.
- Supports power reverse acute protection design, and auto restarts to protect possible short circuit, which can reduce the damage caused by the short circuit.
- LED indicators for Power function enable and DC output voltage display of 12V/19V/24V.
- Bundle accessories for inside diameter 2.1 mm (PHY) to 2.1 (PHY) mm DC cable.
- Durable metal case design supports desktop and wall mounting installation.



Functionality

CERIO POE-PD06S supports an excellent design of hot-switching protection to prevent failures caused by overload, which can effectively prevent failures caused by instantaneous switching of different voltages. The equipment will not cause any damage when the voltage output is changed during operation. It's more safe and convenient. It provides DC 12V or 19V or 24V needs for any network or non-network equipment through DC to DC Cable which is included with package. Using the Cerio PoE Splitter, you can take advantage of Power Over Ethernet and place Multi Giga/Giga/Fast Ethernet-enabled products, such as Wireless Access Points, Network Cameras, and VoIP Phone where power outlets are not readily available.

Long Distance Application

The PoE Splitter supports Multi Gigabit Ethernet PoE Powered Device. It's able to split the PoE signal into separate data and power sources up to total 100Meters (328 feet). The Multi Gigabit PoE suggest use a Cat 6 Ethernet cable to meet 100Meters PoE distance.

ESD Protection

CERIO POE-PD06S supports ESD, electrostatic discharge protection and load discharge anti-surge design ensuring device safety.

Additional Benefits

Some additional benefits of Cerio PoE splitter include cost saving, small pocket size and convenience in network planning, and higher reliability.

Easy installation

Simple Plug-and-Play, requires no configuration.

Product Application

Only DC input Non-PoE 11ax Multi-G WiFi Access Point or any Multi-G Network Device



POWER OUT
DC12V or 19V or 24V

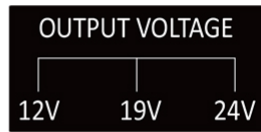
DATA OUT
Transfer to Device



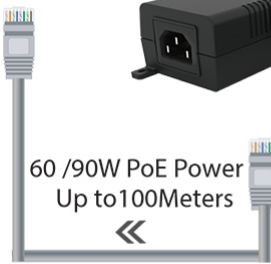
POE-PD06S



Split PoE Power and Data
Active 802.3bt Multi Gigabit PoE Injector or PoE Switch



Adjustable PoE Output Voltage
to 12V or 19V or 24V



60 /90W PoE Power
Up to 100Meters

POWER + DATA OUT

BT PoE Splitter for split Power & Data

Hardware Overview

POWER OUT DATA OUT



WALL MOUNT HOLE >>>
STATUS LED >>>



VOLTAGE SWITCH
(12V /19V /24V)

POE IN
(POWER + DATA IN)



Standards & Hardware Specifications

Standard

IEEE 802.3 10BASE-T
 IEEE 802.3u 100BASE-TX
 IEEE 802.3ab 1000BASE-T
 IEEE 802.3bz 2500/5000BASE-T
 IEEE 802.3af Power over Ethernet (PoE)
 IEEE 802.3at Power over Ethernet (PoE+)
 IEEE 802.3bt Power over Ethernet (PoE++)

Network Media

10BASE –T: UTP Cat. 3 or up
 100BASE-TX : UTP Cat. 5 or up
 1G/2.5G/5GBASE-T : UTP Cat.5e or up

Data Transfer Rate

10M/100M/1G/2.5G/5G (Half-duplex),
 20M/200M/2G/5G/10G (Full-duplex)

Data PIN

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

Power PIN

End-span (Type-A): PIN 1/2,3/6 ;
 Mid-span (Type-B): PIN 4/5,7/8

Data In

Connects PC/HUB/Switch

Ethernet Connector

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

ESD Protection

ESD electrostatic discharge protection and load discharge anti-surge design

Package Contents

Contents

POE-PD06S Main Unit	x1
Inside diameter 2.1mm(PHY) to 2.1mm DC Cable	x1
Warranty Card	x1
Quick Installation Guide	x1

Environmental & Mechanical Characteristics

Max Power Output

DC24V/80Watts
 DC19V/72.2Watts
 DC12V/50Watts

Power Interface (Output)

DC-Jack : Output to any none PoE 12V or 19V or 24V
 DC in device

Power Requirement

Active or Passive PoE 802.3bt/at/af Power Source

PoE Input Voltage

44V~57V

DC Output Control Range

12V/19V/24V three range adjustable by DIP switch

DC Output Current

Max 12V/4.17A , 19V/3.8A , 24V/3.33A

LED Indicators

DC Output LED x3 : 12V or 19V or 24V

Operating Temperature

0° to 50° C

Storage Temperature

-40° to 70° C

Operating Humidity

10% to 90% non-condensing

Storage Humidity

5% to 90% non-condensing

Dimension (W x D x H)

111 x 79 x 35.5mm

Weight (g)

208g

Case of material

Metal

Production Location

TW

Certifications

FCC ,CE, RoHs compatible