POE-PD04S

10/100/1000M Gigabit PoE+ Splitter

EAN Code : 4712757159660

Introduction

The **CERIO POE-PD04S** delivers Power over Ethernet (Fast Ethernet /Giga Ethernet) to remote devices. This device splits the PoE signal into separate data and power sources and relays them into non-PoE devices. **Supports DC output voltage 12V, 19V and 24V via DIP switch three range adjustable**. The PoE+ Splitter can be used to complement any 802.3at PoE+/802.3af PoE, Proprietary injector unit, or PoE switch to provide small to medium-sized businesses with a complete end-to-end PoE solution.

Higlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX,IEEE802.3ab 1000Base-T, IEEE-802.3at PoE+ / 802.3af PoE
- Supports 10/100/1000Mbps Gigabit Ethernet
- 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
- Supports Output Voltage hot switching for 12VDC/19VDC/24VDC three range adjustable
- Max Power Transmission : 27Watts for DC output
- Supports Ethernet PoE to Separate to only DC/Power and only Ethernet/Data.
- Bundle accessories for inside diameter 2.1 mm(PHY) to 2.1 (PHY) mm DC cable
- LED indicators for Power function enable and DC output voltage display of 12V/19V/24V
- Supports desktop or wall mounting installation and multiple units combination for easy to bundles organize the Ethernet cables

Functionality

CERIO POE-PD04S uses the latest hardware hot-switching protection design, which can effectively prevent the fault caused by instantaneous switching of different voltage. The device will not cause any damage while changing the voltage output during operation. 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 Fast/Giga 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 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 Gigabit PoE suggest use a Cat 6 Ethernet cable to meet 100Meters PoE distance.

ESD Protection

CERIO POE-PD04S supports ESD, Electro Static Discharge protection includes Over Voltage protection and Short Circuit Protection ensuring device safety.
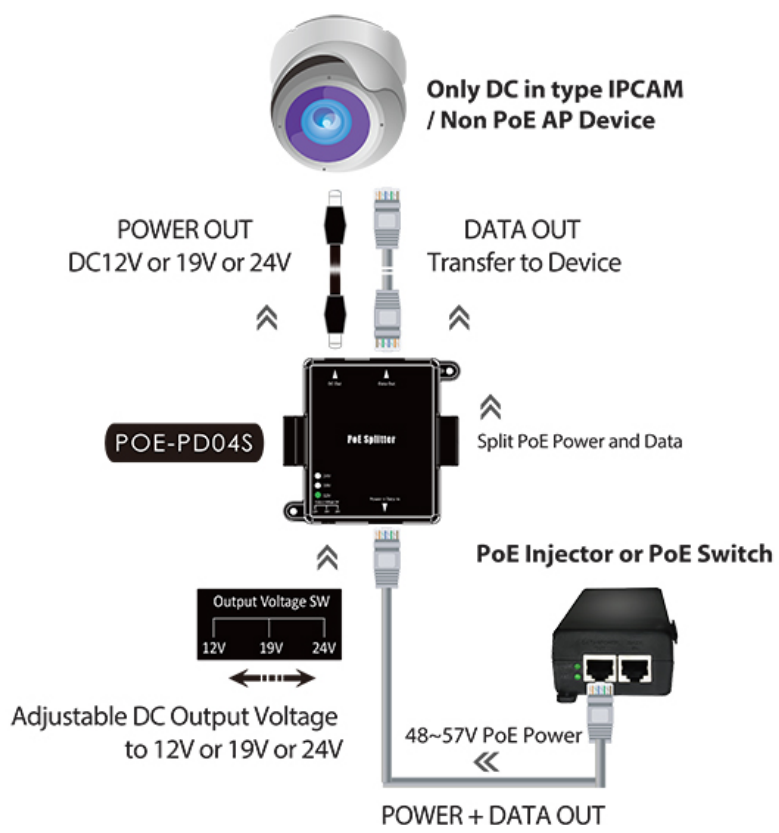
Additional Benefits

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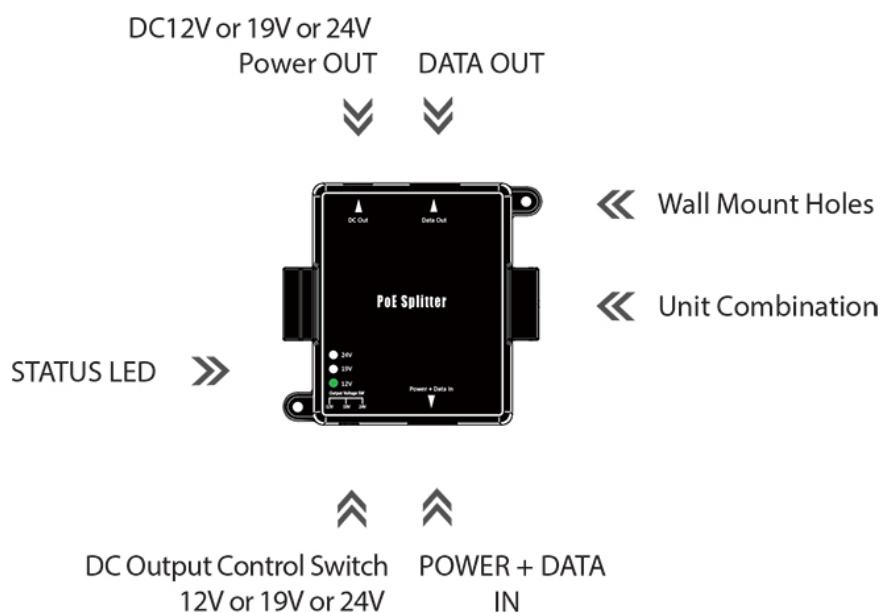
Easy installation

Simple Plug-and-Play, requires no configuration.

CERIO
Amplify your Wireless Network

Product Application

Only DC in type IPCAM / Non PoE AP Device

POWER OUT
DC12V or 19V or 24V

DATA OUT
Transfer to Device

POE-PD04S — PoE Splitter

Split PoE Power and Data

PoE Injector or PoE Switch

Output Voltage SW
12V 19V 24V

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

48~57V PoE Power

POWER + DATA OUT

PoE Splitter for split Power & Data

Hardware Overview

DC12V or 19V or 24V
Power OUT   DATA OUT

PoE Splitter

Wall Mount Holes

Unit Combination

STATUS LED

DC Output Control Switch
12V or 19V or 24V

POWER + 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
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
Over Voltage protection and Short Circuit Protection

Package Contents

Contents
POE-PD04DS 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
27Watts

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

Power Requirement
802.3af/at PoE 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/2.25A , 19V/1.42A, 24V/1.125A

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

Operating Temperature
0° to 55° 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)
66 x 80 x 39.5mm

Weight (g)
90g

Case of material
ABS

Certifications
FCC ,CE, RoHs compatible