



IEEE 802.3at Class4 to DC12V Protective Isolation PoE Splitter

The CERIO POE-PD04S-12V is designed with hardware components that provide power polarity isolation to ensure the proper functioning of the terminal PD-powered device, effectively preventing unstable disconnections caused by POE/PSE connection polarity loop identification. This enhances the reliability and stability of the application device. It provides DC 12V 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.

DC12V Protective Isolation IEEE 802.3at PoE Splitter



MAXIMUM POWER OUTPUT
UP TO **27WATTS**

DURABLE METAL CASE DESIGN

WALL MOUNTING INSTALLATION

www.cerio.com.tw

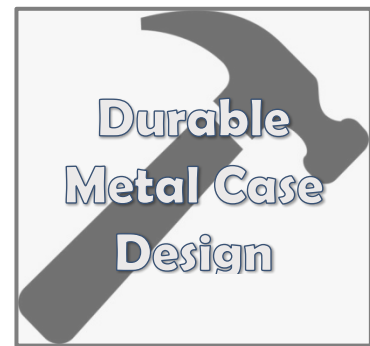
- ✧ Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2500 /5000 BASE-T, **IEEE 802.3at/af PoE standards.**
- ✧ Supports **Multi Gigabit (1/2.5/5Gbps)** Ethernet connection ability.
- ✧ Use to connect non-PoE 802.3at/af devices to PoE injector or PoE switch.
- ✧ The maximum power output up to **27Watts.**
- ✧ Supports Ethernet PoE to separate to only DC/Power and only Ethernet/Data.
- ✧ Split the PoE signal into separate data and power, the **total distance up to 100M.**
- ✧ 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.



Product Application

It provides **PoE 44~57V Ethernet power + data input** to separate to only DC/Power and only Ethernet/Data output and supports **DC output voltage 12V with isolation protection**. The hardware design with power polarity isolation components ensures for the proper operation of the receiving terminal PD device. **This effectively prevents unstable disconnections caused by POE/PSE connection polarity loop identification.**

	The hardware design uses power polarity isolation components to avoid POE power problems caused by poor design, completely solves the problem of no power or instability caused by non-isolated PoE.
	Polarity protection mechanism prevents damage to the device due to electrical faults or surges, prevents power issue (such as overvoltage, overcurrent..etc.), increasing equipment reliability and life cycle.
	The robust and durable metal case design, coupled with superior thermal conductivity, enhances the reliability and stability of the device. It supports both wall-mounted installation and desktop placement.



Hardware Overview

 Wall Mount Holes	 POWER + DATA IN	 DATA OUT 12V DC JACK Power OUT

	For more detailed product information, please visit our official CERIO website , Facebook , or contact our international sales team at issales@cerio.com.tw .
	More detailed information : • POE-PD04S-12V