

# POE-100PD

## Benefits

- Comply with IEEE802.3af, Power over Ethernet, IEEE 802.3 / 802.3u10/100Base-TX
- LED indicator power input indication
- Distance up to 100 meters with RJ45 Ethernet cable
- Auto-detect of PoE 802.3af equipment, protect devices from being damaged by incorrect installation

## PRODUCT OVERVIEW

The CXR Power over Ethernet (PoE) Adapter. It delivers data and electrical power to access points using standard Category 5 Ethernet cable.

This eliminates the need for electrical cable and power converters at each access point location.

The Power over Ethernet (PoE) Adapter is easy to install. It's plug n play and requires no tools or software.

Best of all, the PoE lightweight and compact size means you can locate it virtually anywhere and never know it's here.

The PoE transfers data on Category 5 Ethernet cable pairs 1/2 and 3/6.

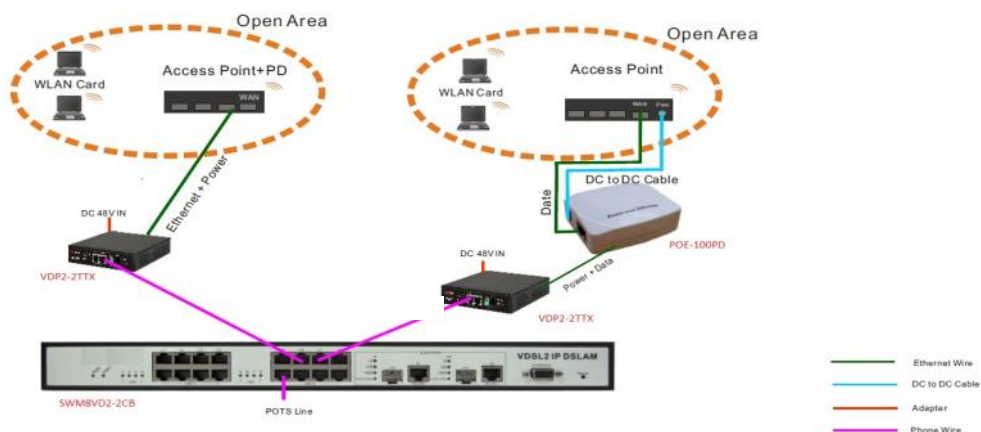
Power is transmitted on unused Ethernet pairs 4/5 and 7/8.

It has an operational range of up to 328ft./100m, which is a requirement of the Fast Ethernet standard.

Terminal Unit With PoE you can mount devices such as an access point virtually anywhere in a building without worrying about the location of a power supply.



## APPLICATION



PoE Series  
5 Watt P.O.E. Terminal Unit

## SPECIFICATIONS

### Input Specification

- Data Interface: RJ45 jack (see pin assignment)
- Input Voltage: 36 ~ 57 VDC (48V)
- Input Current: PD:350mA MAX.
- Input: @Vin=48 VDC

### Output Specification

- PD Detection & Classification: IEEE802.3af compliant

### Certification

- CE, FCC, RoHS Compliant

### PD Classification

- PoE Interface: RJ-45 Jack
- Output Voltage: 5VDC or 9VDC or 12VDC
- Output Voltage Accuracy: +- 2% MAX
- Output MAX Current: 1000mA for 5V, 600mA for 9V, 400mA for 12V
- Output Power: 5W MAX

### Dimensions

- 56.4 x 66 x 25 mm (2.2" x 2.6" x 1")

### Temperature

- Operating: 0 ~ 50 °C
- Storage: -20 ~ 70 °C

### Humidity

- Up to 90% non-condensing

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[www.cxr.com](http://www.cxr.com)



CXR Anderson Jacobson  
Rue de l'Ornette  
28410 Abondant - France

T +33 (0) 237 62 87 90  
F +33 (0) 237 62 88 01  
email: [contact@cxr.com](mailto:contact@cxr.com)

## ORDERING INFORMATION

Part Number	Description
POE-100PD-5	5Watt P.O.E. Terminal Unit with output 5VDC
POE-100PD-9	5Watt P.O.E. Terminal Unit with output 9VDC
POE-100PD-12	5Watt P.O.E. Terminal Unit with output 12VDC