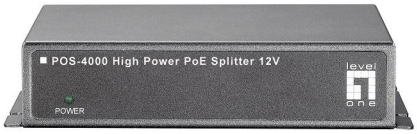
POS-4000

High Power PoE Splitter 12V
User Manaul



POS-4000 is a high power PoE Splitter 12V for use in Power over Ethernet systems. With Ethernet Input (data + power) port and Output (data only) port, POS-4000 may split power from existing LAN cable and convert up to 12VDC/2.5A for power hungry applications such as Wireless APs, Security cameras and IP Phones. The internal current limit, short-circuit and overload protection are implemented to provide up to 12VDC/2.5A for use of DC output power.

POS-4000 can work in pair with POI-4000, a high power PoE Injector, to deliver up to 12VDC/2.5A for use of high power devices. POS-4000 itself is powered by POI-4000 and so requires no separate power connection in the middle of the cable, making it extremely easy to connect and power IP cameras.

Advantages:

- 12VDC 2.5A High Power PoE Power Splitter
- Split Power Over Ethernet (POE) to remote devices
- Ethernet 100Mbps Wire Speed
- Simple to install – Plug & Play

Technical Specifications:

LAN Interface:

- IEEE 802.3x, Auto-Detection for 10/100BaseT and full/half duplex
- Standard Straight-through, or Cross-over CAT 5 cable
- Automatic MDIX function
- RJ-45 Connector x 2

POWER:

- OUTPUT: DC12V/2.5A at full load

LED Indicators:

- **POWER:** Power is ON

Regulations & Approvals:

- FCC Rules Part 15 Class A
- CE

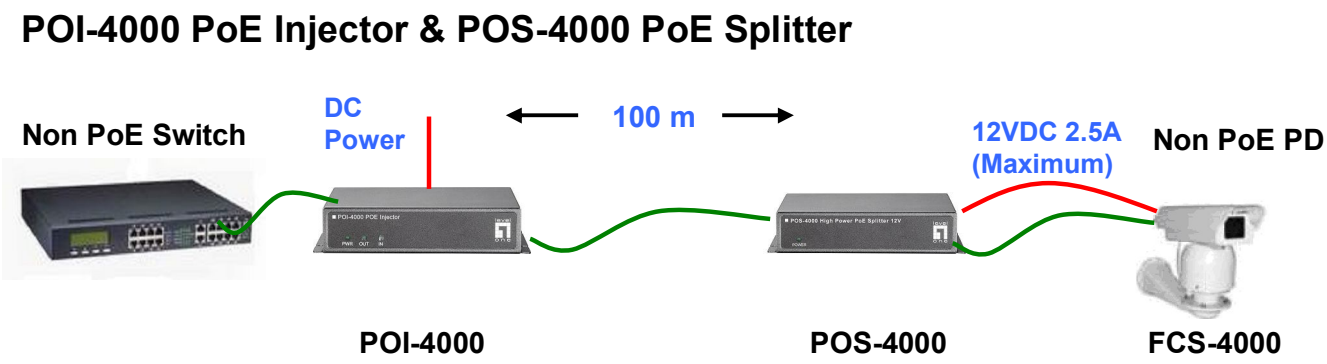
Physical Dimension:

WxDxH: 120 x 90 x 28 (mm)

Operating Environment:

- Humidity: 5% to 90% non-condensing
- Temperature: 0 ~ 50 degree C

Application Diagram:



RJ-45 CONNECTOR & PINOUT

	RJ-45 Input (Data + Power)		RJ-45 Output (Data Only)	
Pin	Symbol	Description	Symbol	Description

1	Rx+	Data Receive	Rx+	Data Receive
2	Rx-	Data Receive	Rx-	Data Receive
3	Tx+	DataTransmit	Tx+	Data Transmit
4	-Vdc_return(+)	Feeding power(+)	NC	Not Connected
5	-Vdc_return(+)	Feeding power(+)	NC	Not Connected
6	Tx-	Data Transmit	Tx-	Data Transmit
7	-Vdc	Feeding power(-)	NC	Not Connected
8	-Vdc	Feeding power(-)	NC	Not Connected

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