

1. Package Content

Thank you for purchasing PLANET IEEE 802.3af Power over Ethernet Splitter, POE-151S. Terms of **"802.3af PoE Splitter"** in following section of this User's Manual means the POE-151S.

Upon open the box of the IEEE 802.3af Power over Ethernet Splitter and carefully unpack it. The box should contain the following items:

- The Power over Ethernet Splitter x 1
- User's Manual x 1
- 15cm UTP straight network cable x 1
- DC Plug cable x 2

If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the carton including the original packing material, and use them against to repack the product in case there is a need to return it to us for repair.

2. Product Features

- Complies with IEEE 802.3af, Power over Ethernet, IEEE 802.3/802.3u 10/100Base-TX Ethernet standard
- Splits the 48V DC power over RJ-45 Ethernet cable into different DC output
- LED indicators power input indication
- Distance up to 100 meters

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4. Product Outlook

Figure 1 shows a front panel of 802.3af PoE Splitter.

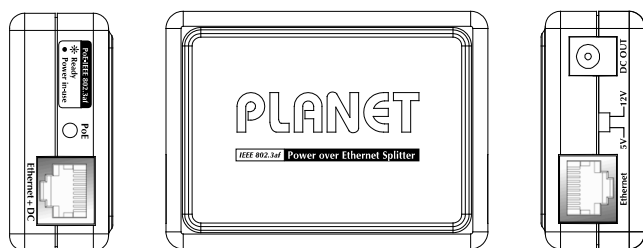


Figure 1: POE-151S Outlook

LED Indicators

LED	Color	Function
PoE ready / in-use	Green	Lights to indicate the port is providing 48VDC in-line power.

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- Adjustable two different output voltage options (5V/2A, 12V/1A) to fit various devices
- Auto-detect of POE IEEE 802.3af equipment, protect devices from being damaged by incorrect installation
- Works with EIA568, category 5, 4-pair cables for 10Base-T or 100Base-TX

3. Product Specification

Model	POE-151S
Standard	IEEE 802.3af, IEEE 802.3, IEEE 802.3u, 10/100Base-TX
Ethernet Connector	2 x RJ-45 (1 for Data + DC in, 1 for Data out)
Data Rate	10/100Mbps (vary on Ethernet device attached)
DIP Switch	5V DC / 12V DC output voltage
Number of Device can be powered	1
Ethernet Cable	TIA/EIA-568, Category 5/5e cable
LED Indicator	1 x PoE ready/in-use
Operating Environment	0~50 Degree C, 5%~90%RH
Storage Environment	-10~70 Degree C, 5%~90%RH
Dimension (W x D x H)	73 x 55 x 24 mm
Weight	50g
Emission	FCC Class B, CE mark

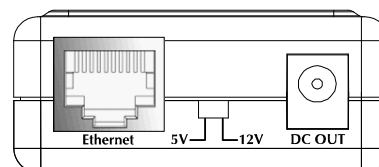
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5. Installation

If your network environment is very difficult to find a power socket for your AC-DC Adapter of networked device, the POE-151S provide DC power for this Ethernet Device conveniently and easily.

The POE-151S separates the power out and provide two kind of DC power output through its DIP switch and its voltage and current shown as below:

- 5V DC / 2A
- 12V DC / 1A



The default value will be set on 5V.



Hint

Please check the power requirement of the device that is going to get the power from POE-151S. If the power requirement is higher than POE-151S can supply, current overload will shutdown the POE-151S itself. Thus, it will shutdown your device as well.

POE-151 and POE-151S can be installed in pair. However, use of third-party device is allowed if the device complied with IEEE 802.3af standard.

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IEEE 802.3af
POE-151S

Power over Ethernet Splitter

Power Provision without Area Restrictions



User's Manual



PLANET Technology Corp.

2350-AF0240-001

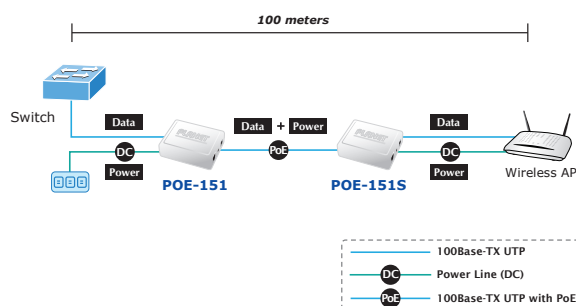


Energy Saving Note of the Device

This power required device does not support Stand by mode operation.
For energy saving, please remove the DC-plug or push the hardware Power Switch to OFF position to disconnect the device from the power circuit.
Without remove the DC-plug or switch off the device, the device will still consuming power from the power circuit.
In the view of Saving the Energy and reduce the unnecessary power consuming, it is strongly suggested to switch off or remove the DC-plug for the device if this device is not intended to be active.

Hardware Installation

1. Connect network cable from **"Ethernet+DC"** of POE-151 to **"Ethernet+DC"** of POE-151S. The POE LED of POE-151S/POE-151 will start to flash continuously.



Warning The POE-151S only accept IEEE 802.3af equipment, other in-line power device may cause the POE-151S malfunction.

2. Connect the UTP cable from **"Ethernet"** of POE-151S to the RJ-45 port of remote device.
3. Connect proper DC plug from **"DC OUT"** of POE-151S to remote device.

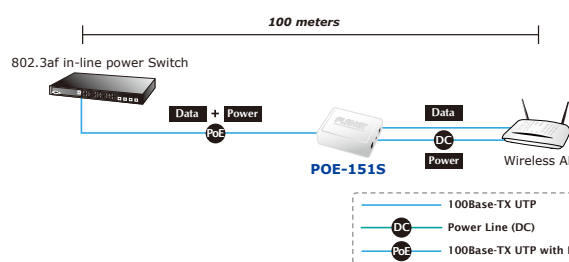


Caution Please ensure the output voltage is correct for remote device. Otherwise, it will damage your remote device.

4. Power on the remote device and the LED indicator on POE-151S will remains on.

Connect with 802.3af devices

The POE-151S also provide the alternative to make the non IEEE 802.3af devices the possibility to connect with an IEEE 802.3af in-line power device like Power over Ethernet Switch, the figure is as below.



Hint With IEEE 802.3af standard; the POE-151S also can co-work with IEEE 802.3af end-span switch that feeding power over pin 1, 2, and 3, 6.

Customer Support

Thank you for purchase PLANET products. You can browse PLANET Web site FAQ resource to check if it could solve you issue. If not, please contact PLANET switch support team.
PLANET online FAQ :
<http://www.planet.com.tw/en/support/faq.php?type=2>
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