

IEEE 802.3af Power Over Ethernet Splitter



For the cost saving and power management purpose, the PLANET POE-151S is the ideal **IEEE 802.3af Power over Ethernet** device that splits the 48V DC over the Ethernet cable into **5V/12V DC power output**. When working with the IEEE 802.3af power source equipment (PSE), the POE-151S frees the device deployment from restrictions of power outlet locations, which eliminates the costs for additional AC wiring and reduces the installation time.

In the deployment of the PSE and POE-151S, when the PSE inserts DC Voltage into the CAT 5 cable, it allows the cable between the PSE and POE-151S to transfer data and power simultaneously within maximum distance of 100 meters. The PSE acts as an injector to combine the Ethernet digital data with power over the twisted pair cables, and POE-151S, the splitter, shall separate the digital data and the power into two outputs.

With IEEE 802.3af Power over Ethernet network being installed, the system administrator only has to use a single RJ-45 Ethernet cable to carry both power and data to each device. The POE-151S also offers the benefits of cost saving as well as ease of network planning and high reliability. Furthermore, upon any IEEE 802.3af network being installed, the POE-151S can make the connection while migrating or splitting the power and the Ethernet digital packets. Providing two selectable DC output in one box, the POE-151S offers **5V** and **12V** to fit in applications properly.

KEY 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 for power input indication
- Data and power transmission distance up to 100 meters
- Adjustable two different output voltage options (5V/2A, 12V/1A) to fit various devices
- Auto-Detect of IEEE 802.3af PoE equipment, protects devices from being damaged by incorrect installation
- Works with EIA568, category 5,4-pair cables for 10Base-T or 100Base-TX

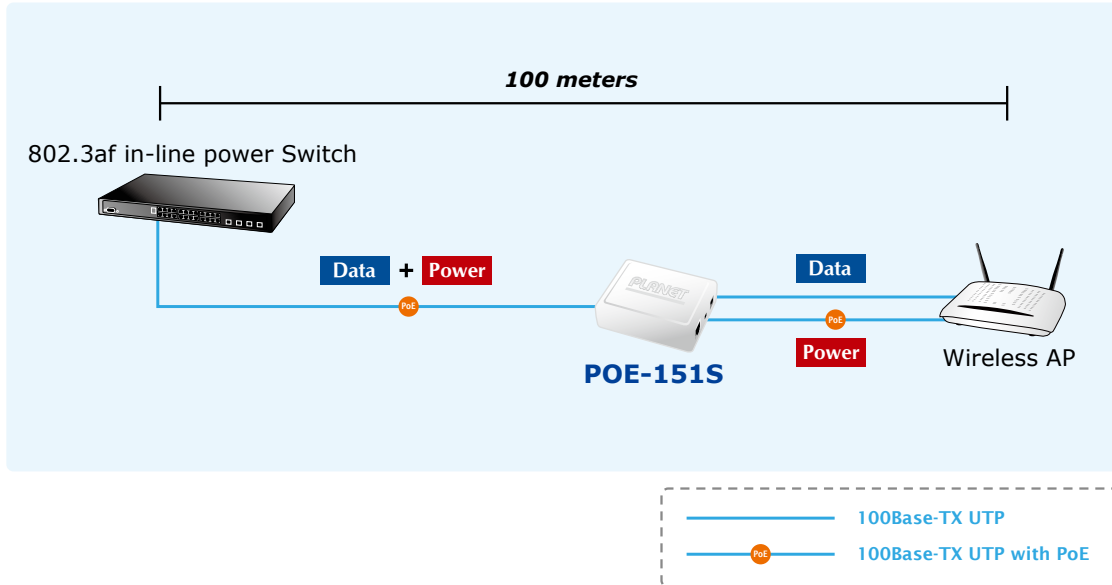
APPLICATIONS

Connect to IEEE 802.3af devices

Due to the capability of IEEE 802.3af standard, the POE-151S can directly connect with any IEEE 802.3af end-nodes like wireless access points, IP phones and Internet cameras which support IEEE 802.3af In-line Power over Ethernet port.

The IEEE 802.3af Injector and Splitter installation

For a place hard to find the power inlet, a pair of POE-151S can provide the easiest way to power your Ethernet devices such as PLANET ICA-HM320, Internet Camera on the ceiling, or the WAP-3000PE, Wireless Access Point that is installed on the top of the building, or the VIP-254PT, IP phone used in office or home.



SPECIFICATION

Product	IEEE 802.3af Power Over Ethernet Splitter
Model	POE-151S
Standard	IEEE 802.3af Power over Ethernet IEEE 802.3 10Base-T 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	Adjustable output DC voltage: - 5VDC (Default) - 12VDC
Number of Device can be powered	1
Ethernet Cable	TIA/EIA-568, Category 5/5e cable
LED indicator	1 x PoE ready / in-use
Dimension (W x D x H)	73 x 55 x 24 mm
Emission	FCC Class B, CE mark
Environmental	
Operating	Temperature: 0~50 Degree C Relative Humidity: 5~90%
Storage	Temperature: -20~70 Degree C Relative Humidity: 5~90%

ORDERING INFORMATION

POE-151S	IEEE 802.3af Power Over Ethernet Splitter with 5V/12V DC output (10/100Mbps)
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RELATED PRODUCTS

POE-151	IEEE 802.3af Power Over Ethernet Injector(10/100Mbps)
POE-152	IEEE 802.3af Power Over Ethernet Injector(10/100/1000Mbps)