

IEEE 802.3af Power Over Ethernet Adapter



For cost-saving and well power management, PLANET releases a new Power over Ethernet splitter - POE-151S. The POE-151S is an IEEE 802.3af Power over Ethernet device that split the 48V DC over the Ethernet cable into 5/9/12V DC power output. Working with the IEEE 802.3af power source equipment (PSE), the POE-151S frees the device deployment from restrictions due to power outlet locations, which eliminate the costs for additional AC wiring and reduces the installation time.

When the PSE inserts DC Voltage into the CAT 5 cable, it allows the cable between the PSE and the POE-151S to transfer data and power simultaneously. The maximum distance between the PSE and the POE-151 is 100M. With being installed, the PSE combines the Ethernet digital data with power over the twisted pair cables as an injector, and the POE-151S, the splitter, shall separate the digital data and the power into two outputs.

With IEEE 802.3af Power over Ethernet 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 have the benefits of cost saving, as well as ease for networking planning and higher reliability. Furthermore, upon any IEEE 802.3af being installed, the POE-151S can make the connection while migrating or splitting the power and the Ethernet digital packets. Providing three kinds of DC output, the POE-151S offers 2A, 1.3A and 1A DC for current model the POE-151S-5V, 151S-9V and 151S-12V.

KEY FEATURE

- Complies with IEEE 802.3af, Power over Ethernet, IEEE 802.3/802.3u 10/100Base-TX
- Splits the 48V DC power over RJ-45 Ethernet cable into different DC output
- LED indicators power input indication
- Distance up to 100 meters
- Choice of splitter for 5V DC, 9V DC or 12V DC
- Auto-detect of POE 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

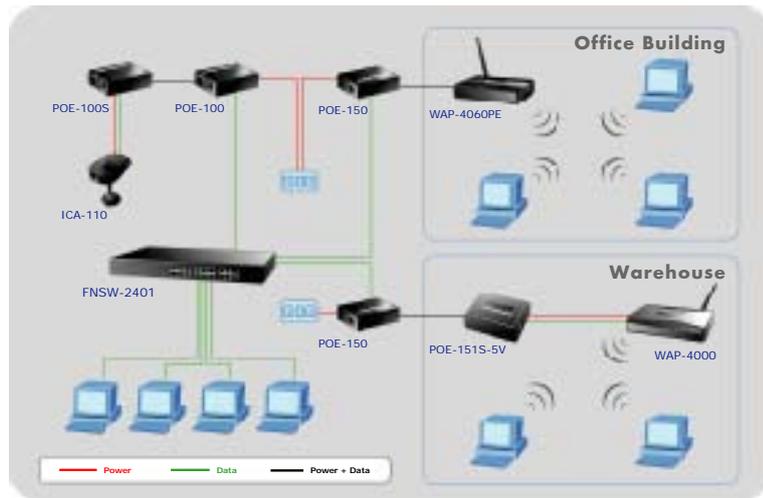
SPECIFICATION

Product **IEEE 802.3af Power Over Ethernet Adapter**

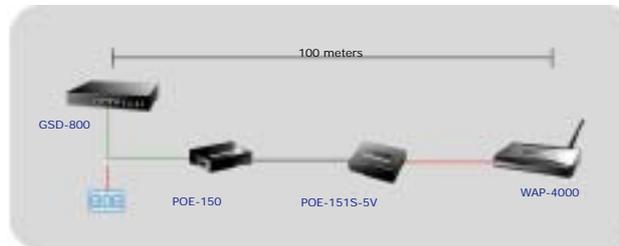
Model	POE-151S
Standard	IEEE 802.3af, IEEE 802.3, IEEE 802.3u, 10/100Base-TX
Ethernet Connector	2 x RJ-45 (1 for Data + DC in, 1 for Data out)
Data Rate	10/100Mbps (vary on Ethernet device attached)
Output Voltage/Current	Vary on model: POE-151S-5V: 5VDC, 2A max. POE-151S-9V: 9VDC, 1.3A max POE-151S-12V: 12VDC, 1A max.
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	-20~70 Degree C, 5%~90%RH
Dimension (W x D x H)	73 x 55 x 24 mm
Emission	FCC Class B, CE mark

APPLICATIONS

For a place hard to find the power inlet, POE-150 and POE-151S, as a pair, should provide the easiest way to power your Ethernet devices such as PLANET ICA-500, Internet Camera on the ceiling, or WAP-4000, Wireless Access Point that installed on the top of the building.



To control the power system of your networking devices, POE-151S can be installed and co-work with the third party 802.3af POE injector hub such as building VoIP telephony network in the office. Besides, the POE-150 can be directly deployed to connect the third part 802.3af devices installed 100 meters away.



ORDERING INFORMATION

POE-151S-5V	IEEE 802.3af Power Over Ethernet Splitter with 5VDC output
POE-151S-9V	IEEE 802.3af Power Over Ethernet Splitter with 9VDC output
POE-151S-12V	IEEE 802.3af Power Over Ethernet Splitter with 12VDC output