

IEEE 802.3af Power Over Ethernet Adapter



For the cost saving and power management purpose, PLANET releases a new 10/100/1000Mbps Power over Ethernet splitter POE-152S. The POE-152S is an IEEE 802.3af Power over Ethernet device which split the 48V DC over the Ethernet cable into 5/12V DC power output. Work with the IEEE 802.3af power source equipment (PSE), the POE-152S frees the device deployment from restrictions due to power outlet locations, which eliminates 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 POE-152S to transfer data and power simultaneously. The maximum distance between the PSE and POE-152 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-152S, 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-152S also has 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-152S can make the connection while migrating or splitting the power and the Ethernet digital packets. Providing two kinds of DC output, the POE-152S offers 2.5A and 1A DC for current model POE-152S-5V and POE-152S-12V.

KEY FEATURE

- Complies with IEEE 802.3af, Power over Ethernet, IEEE 802.3/802.3u/802.3ab 10/100/1000Base-T
- 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 and 12V DC
- Auto-detect of POE IEEE 802.3af equipment, protect devices from being damaged by incorrect installation
- Works with EIA568, category 5/5e/6,2/4-pair cables for 10Base-T or 100Base-TX and 1000Base-T

SPECIFICATION

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

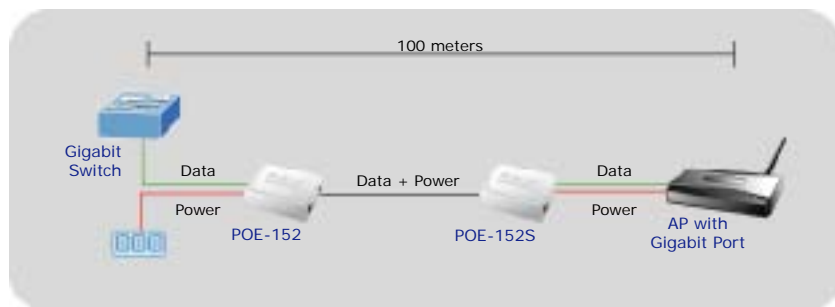
Model	POE-152S
Ethernet Connector	2 x RJ-45 (1 for Data + DC in, 1 for Data out)
Ethernet Data Rate	10/100/1000Mbps (vary on Ethernet device attached)
Output Voltage/Current	Vary on model: POE-152S-5V: 5VDC, 2.5A max. POE-152S-12V: 12VDC, 1A max.
Number of Device can be powered	1
Ethernet Cable	TIA/EIA-568, Category 5/5e/6 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
Weight	50g
Emission	FCC Class B, CE mark
Standard Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3af Power over Ethernet

APPLICATIONS

To control the power system of your networking devices, POE-152S 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-152S can be directly deployed to connect the third part 802.3af devices installed 100 meters away.



For a place which is hard to find the power inlet, POE-152 and POE-152S, 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 which installed on the top of the building.



ORDERING INFORMATION

POE-152S-5V	IEEE 802.3af Power over Ethernet Splitter with 5VDC output (10/100/1000Mbps)
POE-152S-12V	IEEE 802.3af Power over Ethernet Splitter with 12VDC output (10/100/1000Mbps)

RELATED PRODUCTS

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