



**Single Port Gigabit PoE Splitter with Dual Output
5V/12V – 15.4W**

OP-SP1G1E



Shenzhen Optostar Optoelectronics Co., Ltd

2013. 08(Version 2)

Overview

While working with the IEEE 802.3af power source equipment (PSE), and auto-detect the IEEE802.3af PoE equipment, protects devices from being damaged by incorrect installation. This single port PoE splitter supports the deployment from restrictions of power outlet locations, which eliminates the costs for additional AC wiring and reduces the installation time. Data and power transmission distance can be up to 100 meters.

For the cost saving and power management purpose, the OP-SP1G1E is the ideal IEEE802.3af Power over Ethernet device that splits the 48V DC into 5V/12V DC power output through the RJ-45 Ethernet cable. It complies with IEEE 802.3af Power over Ethernet, IEEE 802.3/802.3u 10/100Base-TX Ethernet standard.

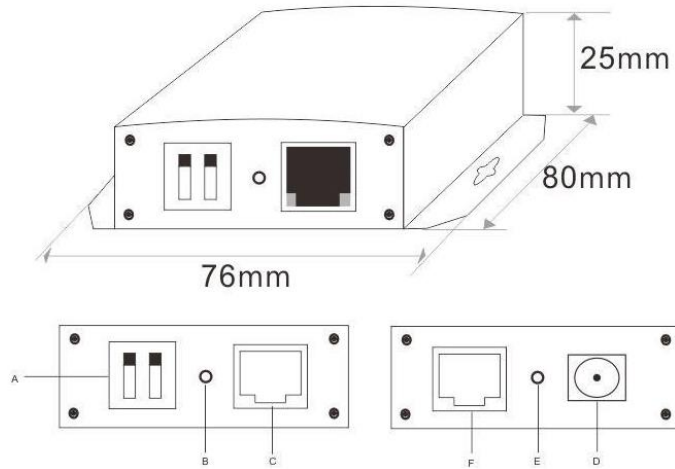
Product Features

- Dual output, 5V/ 12V DC output, can be adjustable
- Compatible with IEEE 802.3af PSE devices
- Support 10/100/1000M data transmission through RJ45 port
- Auto-negotiation and auto-MDIX fast Ethernet RJ45 port
- Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-)
- IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI
- 100Base-TX (Less than 100, Catalogue 5 cable)
- Splits the 48V DC power over RJ-45 Ethernet cable into 5V/ 12V DC output

Technical Parameter

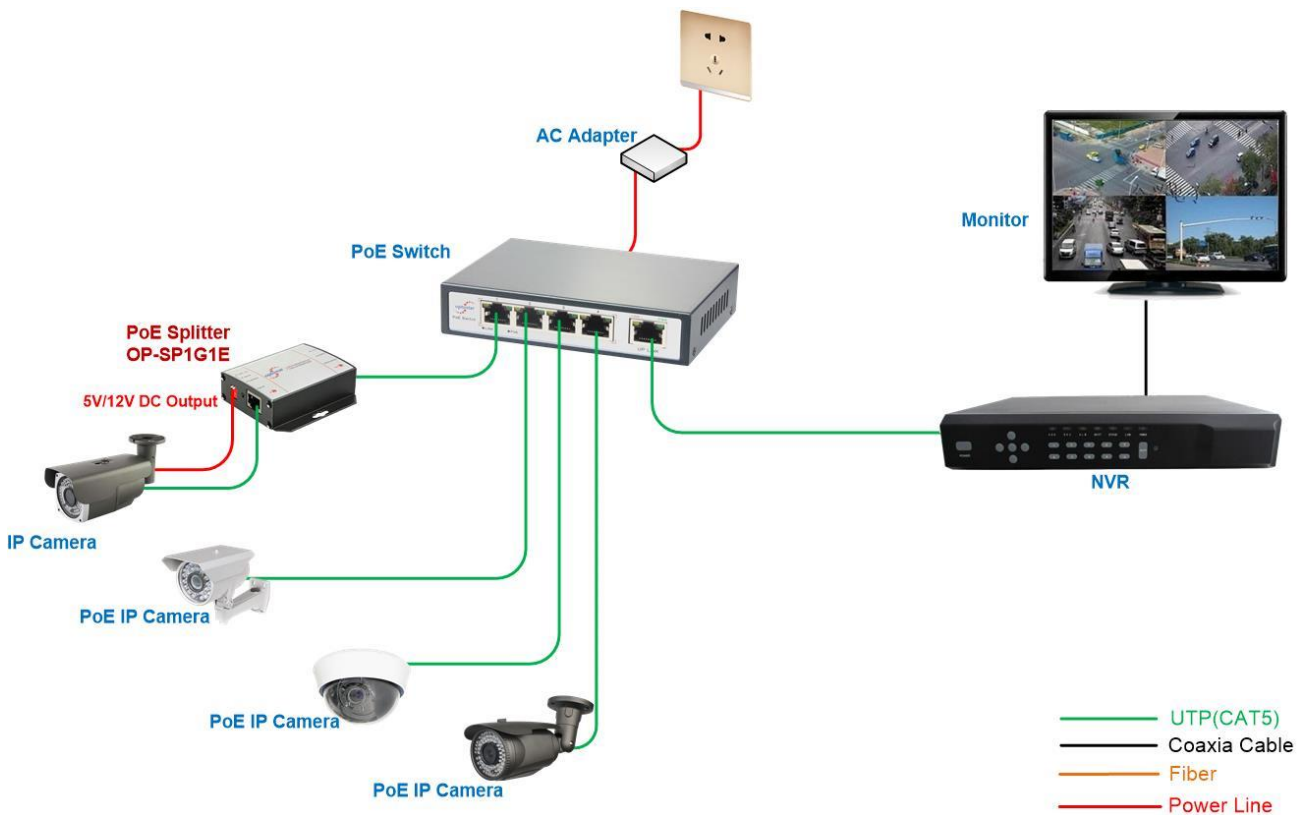
Item	Description
Product Name	10/100/1000M Single Port PoE Splitter with Dual Output 15.4W
Product Model	OP-SP1G1E
Description	Splits the 48V DC power over RJ-45 Ethernet cable into different DC output; Compatible with IEEE 802.3af standard PSE devices
Network Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASET IEEE 802.3ab 1000BASET IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af
Port Description	Input port: PoE port; Output: DC 5V/ 12V, RJ45 port
Interface Rate	10/100/1000M
Network Medium	1000Base-TX (less than 100, Cat-5 cable)
PoE Features	IEEE802.3af
	Power over Ethernet, 15.4W(IEEE802.3af)
	Mid-span(4/5+, 7/8-), end-span(1/2+, 3/6-)
Dual Output	5V/ 12V DC output
Dimension	LxWxH: 80X76X25mm, 0.113kg
Working Environment	Operating Temperature: 0 ° ~ 55 ° C Storage Temperature: -20 ° ~ 75 ° C Operating Humidity: 10% ~ 95%, non-condensing
Safety	CE Mark ,commercial, FCC Part 15 Class B, RoHS
Warranty	1 year warranty, life-long maintenance

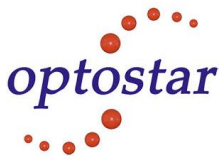
Product Size



- A. 5V/12V DC Input Dial Switch
- B. PoE Input Status Light
- C. PoE Input Port
- D. DC Power Output
- E. DC Power Output Status Light
- F. Ethernet Output Port

Application





Order Information

Model	Description
OP-SP1F1A	10/100M; IEEE802.3af, 15.4W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
OP-SP1F1A-AT	10/100M; IEEE802.3at, 25.5W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
OP-SP1G1E	10/100/1000M; IEEE802.3af, 15.4W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
OP-SP1G1E-AT	10/100/1000M; IEEE802.3at, 25.5W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output

Package include

No	Package List
1	10/100/1000M Single Port PoE Splitter with Dual Output 5V/12V – 15.4W(OP-SP1G1E)
2	User Guide
3	Warranty Card

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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