



**10/100M Single Port PoE Splitter with Dual Output
5V/12V – 25.5W**

OP-SP1F1A-AT



Shenzhen Optostar Optoelectronics Co., Ltd

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Overview

While working with the IEEE 802.3af power source equipment (PSE), and auto-detect the IEEE802.3AT 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-SP1F1A-AT is the ideal IEEE802.3AT 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 802.3at Power over Ethernet, IEEE 802.3/802.3u 10/100Base-TX Ethernet standard.

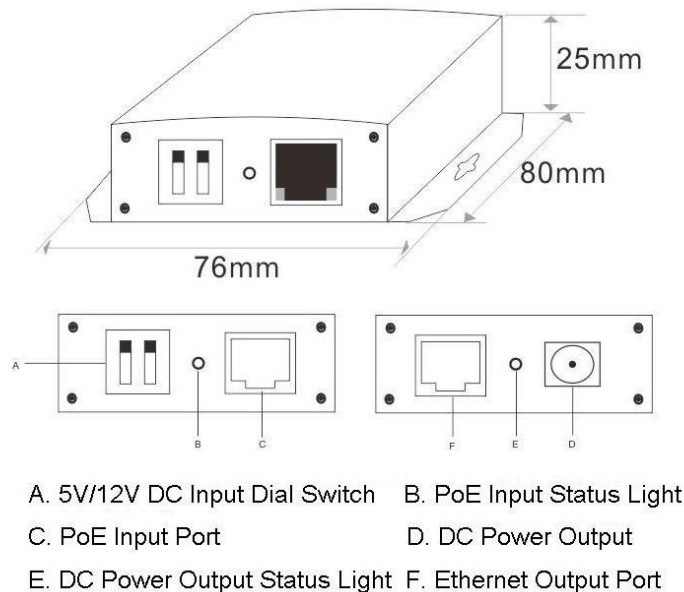
Product Features

- Dual output, 5V/ 12V DC output, can be adjustable
- Compatible with IEEE 802.3at PSE devices
- Support 10/100M 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

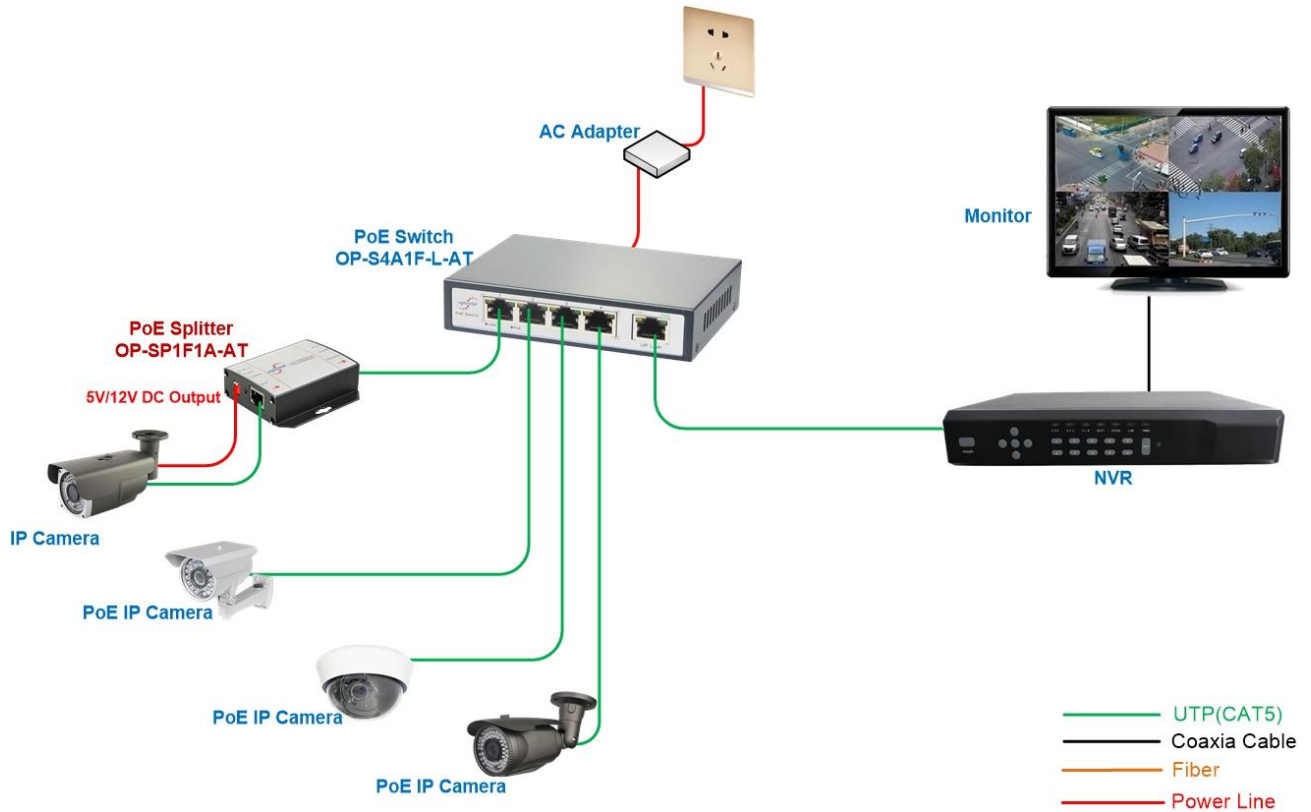
Technical Parameter

Item	Description
Product Name	10/100M Single Port PoE Splitter with Dual Output 25.5W
Product Model	OP-SP1F1A-AT
Description	Splits the 48V DC power over RJ-45 Ethernet cable into different DC output; Compatible with IEEE 802.3at standard PSE devices
Network Protocols and Standards	IEEE 802.3i 10BASET IEEE 802.3u 100BASET IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3at
Port Description	Input port: PoE port; Output: DC 5V/ 12V, RJ45 port
Network Medium	100Base-TX (less than 100, Catalogue 5 cable)
PoE Features	IEEE802.3at
	Power over Ethernet, 25.5W(IEEE802.3at)
	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



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	10/100M Single Port PoE Splitter with Dual Output 5V/12V – 25.5W (OP-SP1F1A-AT)
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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