

Product Datasheet

Single Port 10/100M PoE Splitter

(ONV-PD3101)



OVERVIEW

While working with the IEEE802.3af/at power source equipment (PSE), and auto-detect the IEEE802.3af/at 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 ONV-PD3101 is the ideal IEEE 802.3af/at 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/at Power over Ethernet, IEEE 802.3/802.3u 10/100Base-TX Ethernet standard.

FEATURE

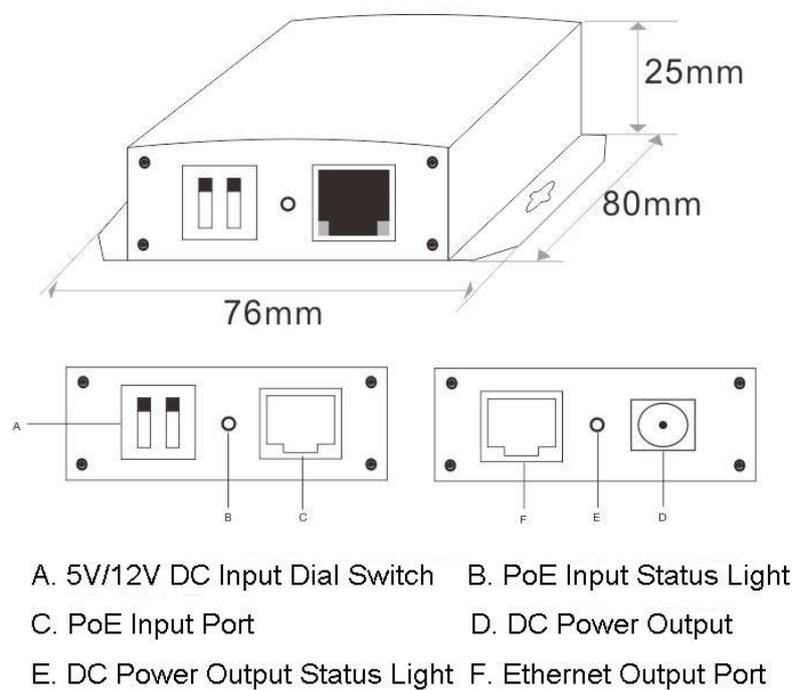
- ◇ Dual output, 5V/ 12V DC output, can be adjustable
- ◇ Compatible with IEEE 802.3af/at PSE devices
- ◇ Support 10/100M data transmission through RJ45 port
- ◇ Auto-negotiation and auto-MDIX fast Ethernet RJ45 port
- ◇ Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-)
- ◇ IEEE 802.3i; IEEE 802.3u; 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 SPECIFICATION

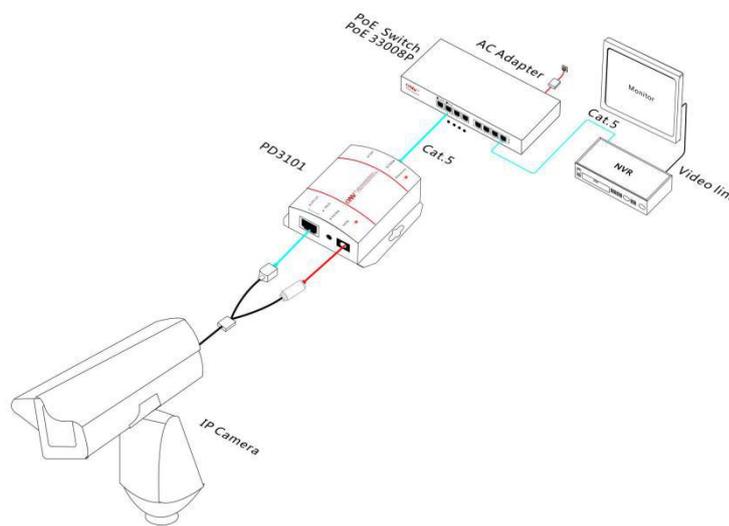
Model	ONV-PD3101	ONV-PD3101-at
Description	Splits the 48V DC power over RJ-45 Ethernet cable into different DC output; Compatible with IEEE 802.3af/at standard PSE devices	
Network Protocols	IEEE 802.3i 10BASET IEEE 802.3u 100BASET IEEE 802.3ab 1000BASET IEEE 802.3x Flow Control IEEE 802.3af DTE Power via MDI IEEE 802.3at	
Input port	PoE port	
Output	DC 5V/ 12V, RJ45 port	
Network Medium	100Base-TX (less than 100, Catalogue 5 cable)	
PoE Features	IEEE802.3af/at	
Power over Ethernet	15.4W	25.5W

Dual Output	5V/ 12V DC output
Dimension/ Weight	80X76X25mm/ 0.114kg
Environment	Operating temperature: -20 to 55° C Storage temperature: -20 to 75°C
Certification	CE Mark ,commercial, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description
ONV-PD3101	single port 10/100M PoE splitter, IEEE802.3af, 15.4W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
ONV-PD3101-at	single port 10/100M PoE splitter, IEEE802.3at, 25.5W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
ONV-PD3301	single port 10/100/1000M PoE splitter, IEEE802.3af, 15.4W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output
ONV-PD3301-at	single port 10/100/1000M PoE splitter, IEEE802.3at, 25.5W, 2x RJ45 ports, 1x DC port; 5V/ 12V DC output

Note: Mid-span (4/5+, 7/8-), end-span (1/2+, 3/6-), can be customized

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	Single port 10/100M PoE splitter	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US



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