POE Splitter

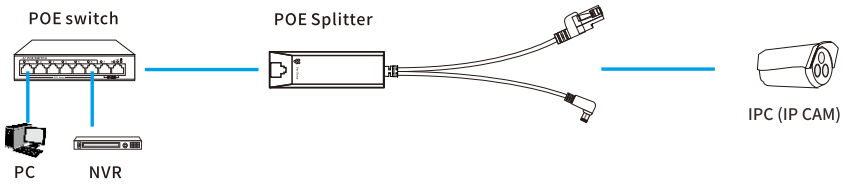
Product introduction

This series POE splitter is a receiving module in accordance with IEEE 802.3af power over Ethernet and designed for network HD cameras. The gigabit power supply standard is compatible with all power supply devices which supporting IEEE 802.3 series standards and non-standard power supply devices which has the same range of power supply voltage. It has automatic recognition of power, automatic short circuit protection, and automatic overcurrent disconnection.

Characteristic(s)

- Support IEEE 802.3 series protocols power and 48V or above POE device power with non-standard .
- Support the 1-2-3-6 and 4-5-7-8 cores are powered simultaneously.
- Built-in double channel bridge rectifier, support positive and negative line sequence reverse connection.
- POE status indicator for troubleshooting.
- Isolated the transformer of input and output, effective anti-interference and anti-surge to protect equipments.
- Network transformer for signal is isolated, more effective anti-interference and anti-surge function.
- With automatic recognition of power, short-circuit automatic protection, automatic disconnect over current and other functions.

Product Application



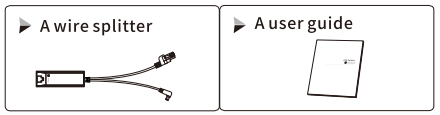
Indicator light definition

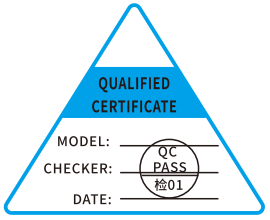
Indicator light status	Description
ON	The PD power supply is working properly and has been connected to the power supply switch
OFF	The PD is not connected to the power switch, or the power switch is abnormal
Flickering	Possible causes as follows: (1) The DC port of the PD is not connected to the power receiving device (2) The DC port of the PD is connected to the power receiving device but with overload for short circuit (3) The power supply switch is abnormal (4) The PD is abnormal

Technical parameters

Model number	POE splitter series	
Input interface	RJ45 socket	The default specification is a single indicator with shielding, applicable to CAT5, CAT5e and CAT6 connector
Network output	RJ45 plug	Standard CAT5 connector, gigabit :12/36, 45/78 for data pins
DC output	DC 5521 Plug/ ATX Plug	Standard 5521DC male connector, positive outside and negative inside, DC power conversion rate：78%-80%
Use environment	Operating temperature :12V/0.6A@0℃~70℃,12V/0.6A@0℃~45℃; Storage temperature :-40℃~80℃	
	Operating humidity :10%~90%RH non-condensing, Storage humidity :5%~85% RH non-condensing	
Supported standards and protocols	IEEE 802.3 Ethernet Media Access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3af Enables powering ethernet devices through ethernet data pairs or devices IEEE 802.3x flow control	
Network medium	1000Base-T: 4 to Cat5e or higher UTP/STP(≤100m) 100Base-TX: 2 to Cat5 or higher UTP/STP(≤100m) 10Base-TX: 2 to Cat5e or higher UTP/STP(≤250m)	

List of supporting products





Product parameters and appearance if there are updates or changes without notice, please refer to the official website

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