10/100M PoE Splitter Cable, 1500V Isolation

➢ Features

- 1*10/100M RJ45 port+ 1*10/100M male output port+1*(5.5*2.1mm) DC output port;
- Support IEEE 802.3af/at Ethernet power standard;
- Support 10/100M data transmission;
- Output voltage:12V(Default);
- Circuit protection to protect the connected device;
- Top-quality design, stable and reliable;
- 1500V high voltage isolation (input stage to output stage);
- Support -20~55°C wide operating temperature range;
- Warrant: 1year;

➢ Introduction

PS101P, a cost-effective and high reliable remote PoE PD device based on standard IEEE802.3af/at, could split the power and data transmitted through cable. It could provide power and data to device without PoE function when connecting with a PoE switch or PSE Injector. The output voltage is 12V, and equipped with PoE power supply device, it could flexibly expand the scale of Security Surveillance & Wireless Network without the limitation of power line layout.

With transformer isolated design for circuit input stage and output stage of the PD5202 power, it strengthens anti-jamming capability and protection for circuit. Also it effectively reduces PoE Switch Abnormal Power Supply Matters caused by common ground problem. Meeting the standard of IEEE802.3af/at. Compatible with power supply methods of both End-span (1,2+ 3,6-) and Mid-span (4,5+ 7,8-). With the features of output power at 13W, low ripple, more than 82% high efficiency, Port Isolation Protection: 1500V and Protection for short circuit, over-current & over-temperature. With 1 to 2 design, it could be working with device that support external PoE, and it also simplifies effectively the project wiring and maintenance.
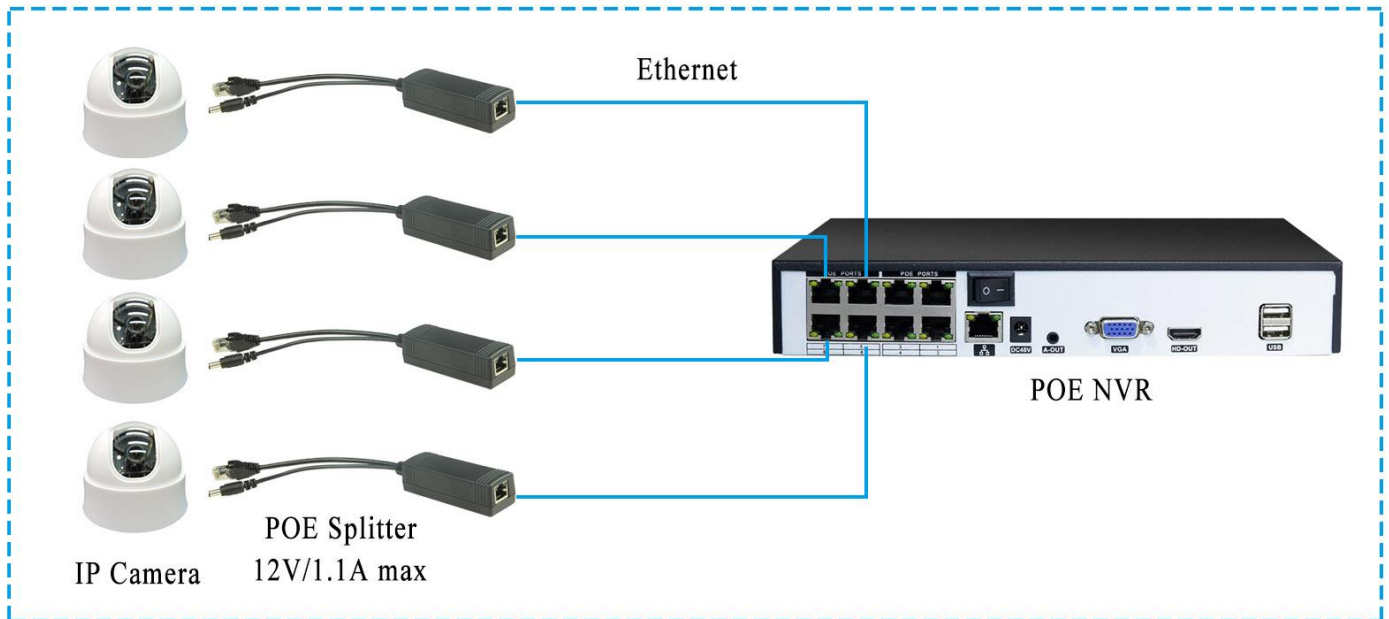
Application

- HD monitor transmission and power supply
- Security protection system, TV medical treatment
- Network telephone transmission, Intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Long-distance Multi-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project
- Smart City

➢ Specification

Interface Characteristics	
Power Supply Type	1/2(+),3/6(-);4/5(+),7/8(-) power supply
PoE Voltage Input	44-57V
DC Voltage Output	12V
Connector	1x 10/100M RJ45 input port
	1*10/100M male output port
	1*(5.5*2.1mm) DC output port
Network Medium	Cat5 (UTP) or more
Protocol	IEEE 802.3 i 10 BASE-T
	IEEE 802.3 u 100 BASE-TX
	IEEE 802.3 x Flow Control
	IEEE 802.3 at Power over Ethernet
Rate	10/100M
LED Status	PoE power input indicator light
Port Protection	Meet the IEC61000-4-2(ESD)±15KV(air), ±8KV (contact);
	Compatible with 8/20us,(1.1A)
Certifications	CE,FCC,RoHS
Dimension	85.3*31.2*26.3mm
Working Temperature	Operating Temperature: -20~55℃; Storage Temperature: -20~70℃;
	Operation Humidity: 90%, non-condensing; Storage Humidity: 95%
	non-condensing
Warranty	1 year

➢ Connection

➢ Ordering Information

Model NO.	Description
PS101	10/100M non-isolated PD PoE splitter cable, compatible with 1236&4578 dual mode power supply. input voltage: 44-57VDC, output voltage: 12VDC, maximum load power is 15W.
PS101P	10/100M isolated PD PoE splitter cable, compatible with 1236&4578 dual mode power supply. input voltage: 44-57VDC, output voltage: 12VDC, 1500V Isolation, power:13W
PS201	Gigabit non-isolated PD PoE splitter, compatible with 1236&4578 dual mode power supply. input voltage: 44-57VDC, output voltage: optional 5V/12VDC, 2000V Isolation, power: 24W

➢ Packing List

- 10/100M PoE Splitter Cable with 1500V Isolation *1
- User Guide *1
- Warranty Card * 1