Gigabit PD PoE Splitter, 2000V Isolation

➤ Features

- Support Gigabit rate self-adaption, 8P copper cable RJ45 port;
- Support IEEE802.3af/at standard, Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-);
- Support output voltage 5V/12VDC optional, suitable for various network terminals;
- Input voltage 44-57VDC, rated output power 12W, efficiency greater than 82%;
- Support Short circuit, over-current and over-temperature protection;
- Top-quality design, stable and reliable;
- Support 2000V high voltage isolation (input stage to output stage), less than 200mV output ripple;
- Support -20~55°C wide operating temperature range;
- Warrant: 3years;

➤ Introduction

PS201 is a gigabit PD PoE splitter with a 1*RJ45 input port, 1*RJ45 output port, and 1*(5.5*2.1mm) socket. DC5V/12V output voltage optional DIP switch to meet the use of various non-PoE network terminals connect to PoE switches. Effectively solving security monitoring, wireless networks, limited by the power line layout, reduced system wiring, improved system stability and safety, and reduced maintenance costs.

PS201 PoE splitter adopts ABS and PC flame-retardant plastic material. It complies with IEEE802.3 af/at PoE standard, end-span (1,2+, 3,6-), and mid-span (4,5+, 7,8-) two power supply modes. The output power is up to 24W. Low ripple, efficiency higher than 82%, 2KV port protection isolation. It has short-circuit, over-current, over-temperature protection. Plug and play, no configuration, easy to use.
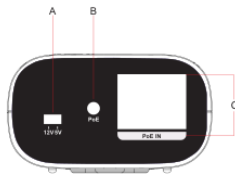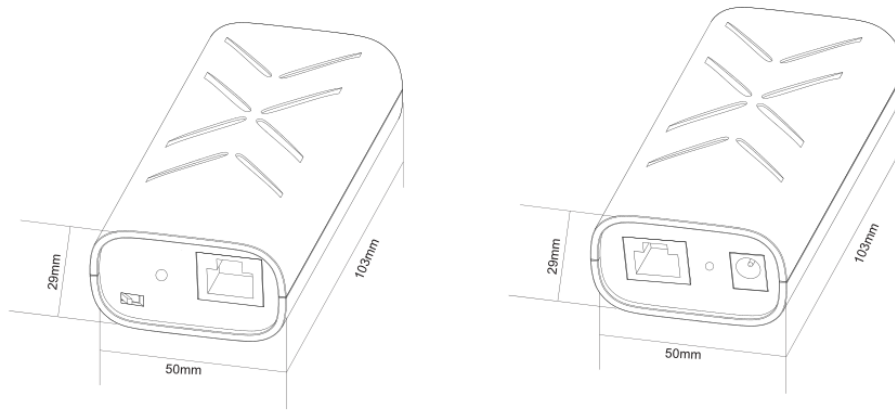
Application

- 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
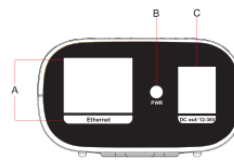- Smart City

➢ Specification

Interface Characteristics	
Fixed Port	2*10/100/1000Base-T RJ45 ports (Data)
	1*(5.5*2.1mm)DC power socket(Power)
Ethernet Port	Ethernet port can support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
Network Characteristics	
Transmission Bandwidth (Rate)	10/100/1000Mbps
Twisted Pair Transmission	10BASE-T: Cat 3,4,5 UTP(≤100 meter)
	100BASE-TX: Cat 5 or later UTP(≤100 meter)
	1000BASE-T: Cat5e or later UTP(≤100 meter)
Output Voltage Switch	12V: DC12V output voltage (default)
	5V: DC5V output voltage
Network Protocol and Indicator	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T
	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T
	IEEE802.3x
LED Indicator	PoE indicator: POE (green), Power indicator: PWR (green)
PoE & Power Supply	
PoE Port (PD)	PD port IEEE802.3af/at @ POE
	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T
	IEEE802.3u 100Base-TX, IEEE802.3x
Power Supply Pin	1/2 (+), 3/6 (-),& 4/5 (+), 7/8 (-)
Input Voltage	44-57VDC
Output Voltage	Default 12VDC ±0.5V, optional 5VDC ±0.5V
Power Consumption	Standby<1W, Full Load<24W
Conversion Efficiency (Output: Input)	≥82%
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing

Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension (L*W*H)	103*50*29mm
Net /Gross Weight	<0.08kg /<0.1kg
Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP30
Warranty	3 year, lifelong maintenance.

➢ **Dimension**

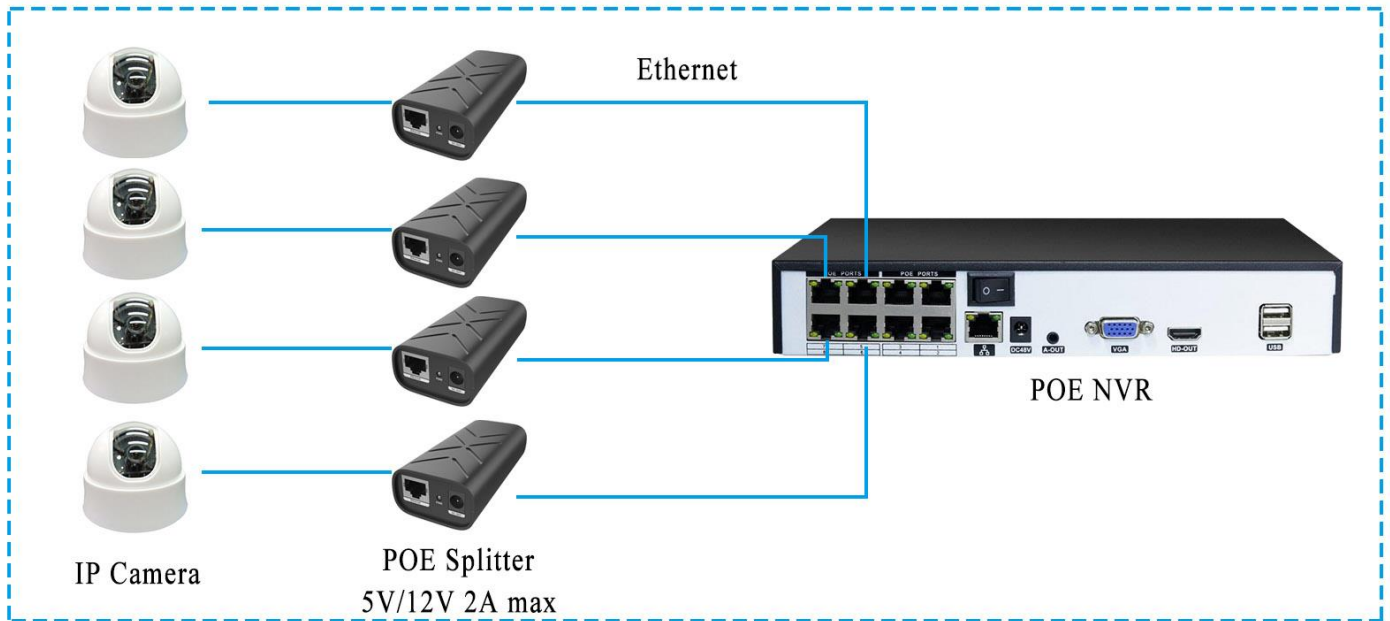
A.DC12V/5V output switch B.PoE input work indicator C. PoE input port

A. RJ45 port B.Power output indicator C.DC power output port

➤ 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

- Gigabit PD PoE splitter, 2000V Isolation *1
- User Guide *1
- Warranty Card * 1