

Product Datasheet

10/100M PD PoE Splitter Cable

(PD5201)



OVERVIEW

The PD5201 is a 10/100M PD PoE splitter cable. It has 1*10/100Base-TX RJ45 port and 1*8P male output port and 1*DC5521 power port. The invention meets the requirements that various non-PoE network terminals can be externally connected with PoE switches for use, flexibly expands security monitoring and wireless networks without being limited by power line layout, reduces system wiring, improves system stability and safety, and reduces maintenance cost.

The PD5201 housing is made of ABS and PC flame retardant plastic material, 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 15W, low ripple, more than 82% high efficiency, Port Isolation Protection: 2KV and Protection for short circuit, over-current & over-temperature. Plug and play, no configuration required, simple and convenient to use.

FEATURE

■ 10/100Mbps fast Ethernet

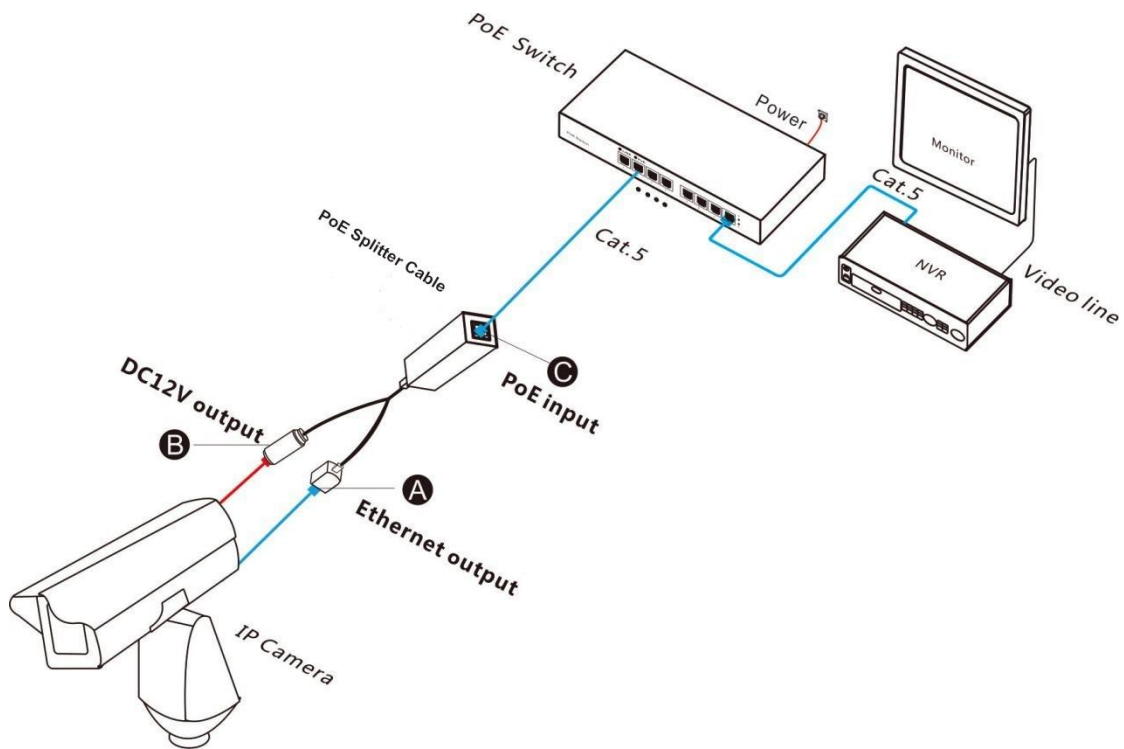
- ◇ Support IEEE802.3af/at standard, Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-)
- ◇ Output voltage:12VDC(Default), 5~24VDC can be customized, with low ripple.
- ◇ Input voltage 44-57VDC, rated output power 12W, greater than 82% efficiency
- ◇ Support short circuit, over current and over temperature protection
- ◇ 1500V high voltage isolation (input stage to output stage) (only applicable to ONV-PD5202, ONV-PD5202-at)
- ◇ DC interface has dustproof and waterproof measures

TECHNICAL SPECIFICATION

Model	PD5201	PD5202	PD5202-at
Interface Characteristics			
Fixed Port	1*10/100Base-TX RJ45 port (Data) 1*8P male output port (Data) 1*DC5521 power port (Power)		
Ethernet Port	Ethernet port can support 10/100Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption		
Network Characteristics			
Transmission Bandwidth (Rate)	10/100Mbps		
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)		
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)		
LED Indicator	Working indicator: POE (Yellow)		
PoE & Power Supply			
PoE Port (PD)	PD port IEEE802.3af/at @ POE		

Network Protocol	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 5V,9V,24VDC Default DC5521 plug, optional Micro USB power plug		
Power Consumption	Standby<1W, Full Load<15W	Standby<1W, Full Load<13W	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)	85*31*26mm, cable length:≤150mm		
Net /Gross Weight	<0.1kg /<0.15kg		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP40		
Warranty	1 year, lifelong maintenance.		

APPLICATION



ORDERING INFORMATION

Model	Description
PD5201	10/100M non-isolated PD PoE splitter cable can support IEEE802.3af/at PoE standard. Input voltage: 44-57VDC. compatible with 1236&4578 dual mode power supply. Output voltage: 12VDC, and maximum full load power is 15W.
PD5202	10/100M isolated PD PoE splitter cable can support IEEE802.3af/at PoE standard. Input voltage: 44-57VDC. compatible with 1236&4578 dual mode power supply. Output voltage: 12VDC, and maximum full load power is 13W.
PD5202-at	10/100M isolated high power PD PoE splitter cable can support IEEE802.3af/at PoE standard. Input voltage: 44-57VDC. compatible with 1236&4578 dual mode power supply. Output voltage: 12VDC, and maximum full load power is 24W.

PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	10/100M PD PoE splitter cable	1	SET
	Warranty Card	1	PC