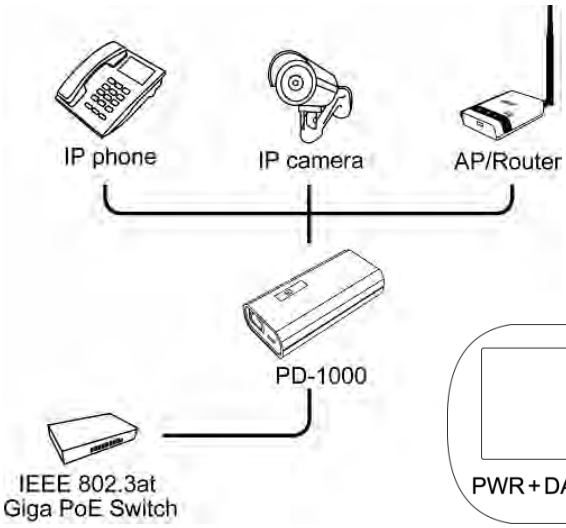
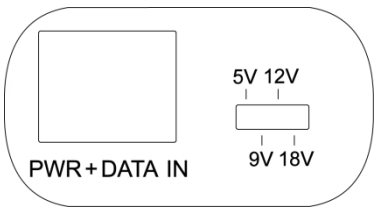
PD-1000D

802.3at Gigabit Switchable Surge Protection

Power over Ethernet

Alfa Power over Ethernet (PoE) Splitter PD-1000D (support DC output 5V, 9V, 12V,18V) is revolutionary technology for powering Ethernet terminals such as IP Telephone sets, wireless access point, and Internet camera. The technology incorporates electrical power onto a LAN data line enabling the delivery of operating power in addition to data communicate to terminals over standard cabling infrastructure.





Adjustable Switch

For further details:

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ALFA NETWORK
Your Source of Hardware

PD-1000D

802.3at Gigabit Switchable Surge Protection Power over Ethernet

Product Features:

- Convey power and data to your LAN equipment through Ethernet cable
- Standard IEEE802.3at/af
- Support 5V, 9V, 12V, 18V output adjustable
- Regulate output voltage by switch
- Delivering power and data to equipment
- Support **Gigabit Ethernet**
- **Additional +/- 15KV of Ethernet isolation for ESD/Surge Protection**

Specification:

Standards	IEEE802.3, 10BASE T/1000BASE-T IEEE802.3u,100BASE-TX IEEE802.3at, IEEE802.3af, Power over Ethernet
Interface	Data and Power in: 1 x RJ-45 Data out: 1 x RJ45 Power out: 1 x DC jack 5v,9v,12v,18v Switch: 1x 4 segment DIP switch
Power Jack Diameter	5.5*2.1*12 mm
Transmission Media	RJ-45 (10/100BASE-T): Cat.3, 4, 5 UTP/STP RJ-45 (1000BASE-T): Cat.5, 5e, 6,7 UTP/STP
LED Indicators	system power (green)
Surge Protection	+/-15KV
Power Input	DC 48V
Dimension	28(H) x 55(W) x 81(D) mm
Temperature	Operating: 0°C ~40°C

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Your Source of Hardware

Surge Immunity Test Record

Customer:	Test Date : 99.10.16
EUT Name: POE	Temp: 24 ;Hum: 58
M/N :	Test Mode : After tested ,PC link
Voltage : Com. ± KV , Dif. ± KV ; Data Line: ±1 , ±2, ±3, ±4 KV	Supervisor : TRC Lab

Inject Line		Coupling	Results		Observation
			Pass	Fail	
(+)	Data Line	0°	V		Normal
		90°	V		
		270°	V		
		0°			
		90°			
		270°			
		0°			
		90°			
		270°			
(−)	Data Line	0°	V		Normal
		90°	V		
		270°	V		
		0°			
		90°			
		270°			
		0°			
		90°			
		270°			
(+)	T-R-G	HV			
(−)	T-R-G	HV			

More Observation

Criteria : ☐A ☒B ☐C

Telecom Criteria : ☐A ☐B ☐C Tester: Jason Yeh