

PDDE007-SPLITTER

802.3at Gigabit Switchable Surge Protection PoE Module

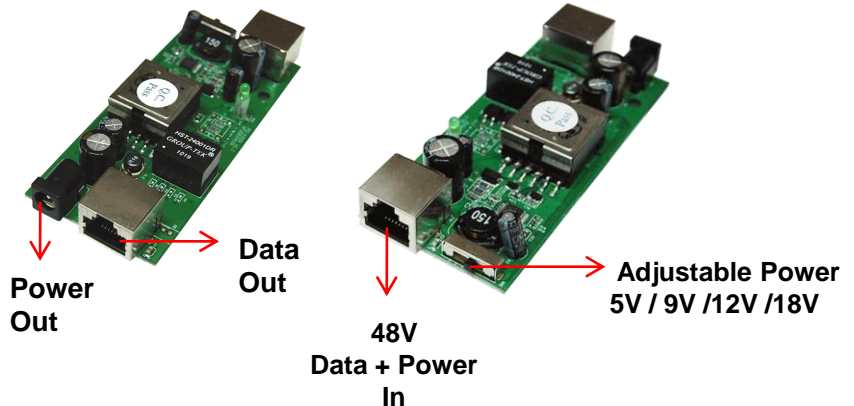


PD-1000DM is the PoE (Power Over Ethernet) Module which support DC output 5V, 9V, 12V and 18V. It is a revolutionary technology for powering Ethernet terminals such as IP Telephone sets, wireless access point, and Internet camera. The technology incorporates electrical power onto a LAN data line enabling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

Product Features:

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

Front & Back:



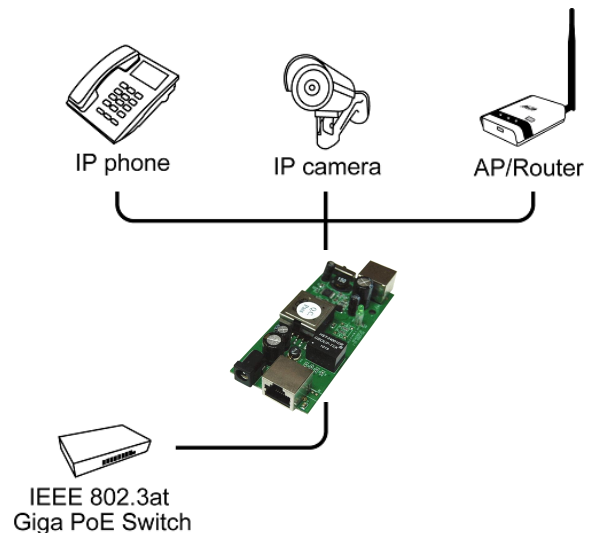
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Specification:

Standards	IEEE802.3, 10BASE T/100BASE-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	100(L) x 42(W) x 20(H) x mm
Temperature	Operating: 0°C ~40°C

Application:



Surge Immunity Test Record

Customer: _____			Test Date : <u>99.10.16</u>		
EUT Name: <u>POE</u>			Temp: <u>24</u> ;Hum: <u>58</u>		
M/N : _____			Test Mode : <u>After tested ,PC link</u>		
Voltage : Com. <u>±</u> KV , Dif. <u>±</u> KV ; Data Line: <u>±1 , ±2, ±3, ±4</u> KV			Supervisor : <u>TRC Lab</u>		
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 : <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C					
Telecom Criteria : <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C Tester: <u>Jason.Yeh</u>					