

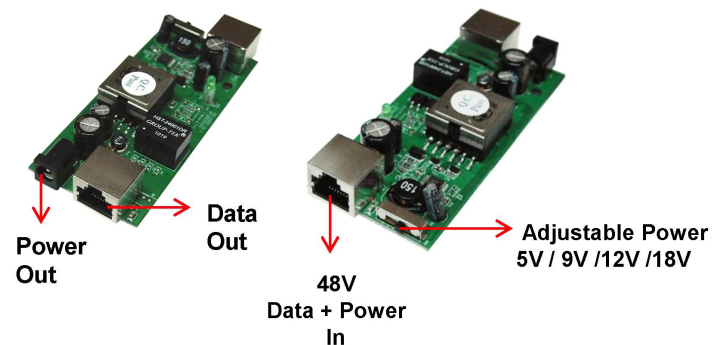
802.3at Gigabit Switchable Surge Protection PoE Module Model: POE30W-2



FEATURES HIGHLIGHT

- Conveys power and data to your LAN equipment through Ethernet cable
- Standard IEEE802.3at/af
- Support adjustable output of 5V, 9V, 12 V, 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 AND BACK

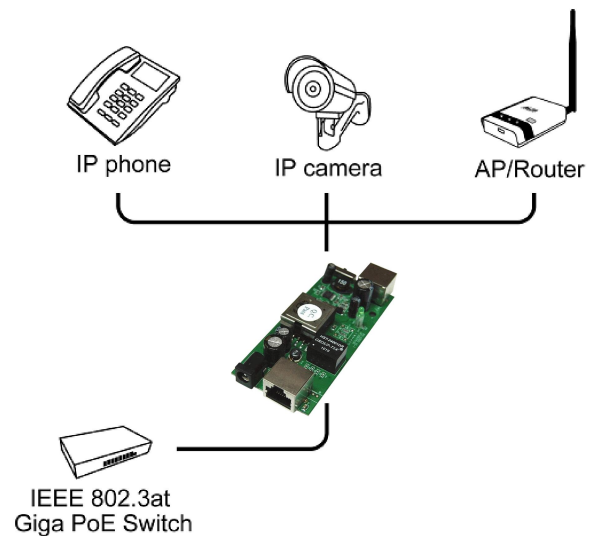


Module which support DC output 5V, 9V, 12V and 18V. It is a revolutionary technology for powering Ethernet terminals such as IP Telephone sets, wireless access point, and Internet camera. The technology incorporates electrical power onto a LAN data line enabling the delivery of operating power in addition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

SPECIFICATIONS

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 : 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					