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	<p><b>GPOE-48v25w</b> <b>Adapt 802.3at to Passive</b></p>

## Product Description – 802.3at 10/100/1000 PoE to Passive adapter

This device works with any 802.3at switch, it takes the 44 to 56 volts from the PoE switch, and outputs that voltage onto mode B passive. Many Ubiquiti devices need this function. Intended for use with Cisco or similar PoE switches – this pass thru PoE solution appears like a standard Class 4, 25 watt device.

The PoE switch can send either polarity, and only 2 pairs are required for power, 4 for data. There is no DC-DC conversion inside, nor isolation. Output ground could be -48v in some cases.

### Specifications

Power and data source  
Data speed  
Power and data output  
Input Voltage

RJ45 Male  
10/100/1000  
RJ45 Female  
44 to 57 volts



Output Voltage  
Internal power use  
Operating Temperature  
Data

same as input minus 1.2 volts  
300 mw  
0°C - 50°C  
Transparent

### PoE Power input Pins

1&2 and 3&6 – either polarity – mode A  
4&5 + and 7&8 minus – mode B  
802.3at negotiation

### PoE Power output pins

4&5 plus and 7&8 minus – mode B

### 802.3at

Class 4

### LED status on Female RJ45

**Right** - Power In active = Green  
**Left** - Power out active = Amber  
Pulsing means negotiation not complete