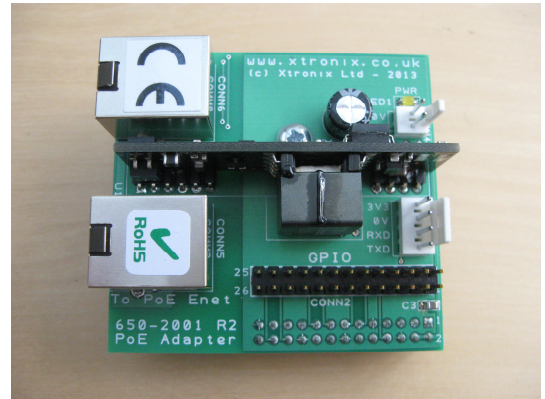


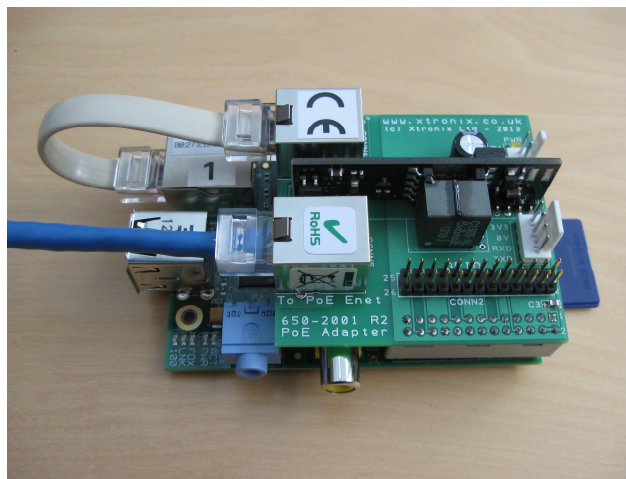
## Data Sheet

### Power Over Ethernet Adapter for the Raspberry Pi

- +5 Volts at up to 1.25 Amps Output
- Plugs directly into Raspberry Pi PCB
- Conforms to IEEE 802.3af Standard
- Powered from remote 'PoE' Injector
- GPIO and Console Connector



The Xtronix 'Power Over Ethernet' (PoE) adapter is designed to be plugged directly on to a Raspberry Pi printed circuit board and to supply +5 Volts to the Raspberry Pi. The adapter conforms to the IEEE 802.3af Power over Ethernet standard. It is intended to be powered by an IEEE 802.3af compatible Injector where power is supplied over the Ethernet Cable. A 4 pin connector allows the user to connect a suitable console cable and a 26 Way connector allows the user to connect to the Raspberry Pi GPIO connector. A metal pillar and M3 screws allow the PCB to be fixed to the Pi PCB (Model B Pi only).



#### Specifications

Nominal Voltage Output	5 Volts DC
Maximum Output Current	1.25 Amps (assumes suitable PoE injector) @ 40°C ambient
Nominal Input Voltage	48 Volts DC via Ethernet Cable (38 to 57 Volts DC)
Temperature Range	0 to +40°C (ambient air temperature around the adapter)
Humidity	+5 to +80% Non Condensing
Console Connector	4 Way 0.1" Molex (RXD, TXD, GND, +3V3) <b>Note:</b> 3V3 TTL Levels
GPIO Connector	26 Way 2 Row 0.1" Header – pin out as per Raspberry Pi PCB
CE Marked	Yes – Safety, EMC, ROHS and WEEE
Ordering Information	Xtronix Part Number 650/9001 R2
Compatibility	Raspberry Pi PCB Model B, Model B+ and Model 2.

**NOTE:** Description and specifications may be changed without notice.

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