

USING THE PoECheck

The PoECheck unit is a compact device for detecting whether a data connection is equipped to supply power, and what type of power is available.



Power over Ethernet (PoE) is a scheme developed to supply power to remote terminals through the cables used for data communication. Defined by the IEEE in the 802.3af standard there are two types of supply wiring: Type A (or Endspan) fed from equipped data switches and Type B (Midspan) fed by a powering unit separate from the data switch.

Simply plug the PoECheck into an RJ45 jack and its electronic 'handshake' activates any available PoE power source. LED indicators on the unit can be interpreted as follows:

| WHEN LED | IS | YOU HAVE ... |
|----------------|------------|--|
| Typ A Typ B | Off Off | Either no PoE or a non-standard type such as found in some Cisco products. |
| Typ A Typ B | Red Off | PoE available from the data source. |
| Typ A Typ B | Off Red | PoE available from a powering unit. |
| Typ A Typ B | Red Red | Dual PoE available, possibly from a source with increased power capacity. |

| RJ45 Plug | Data | 802.3af Type A (DC on Spare Pairs) | 802.3af Type B (DC on Data Pairs) |
|-----------|------|------------------------------------|-----------------------------------|
| Pin 1 | Rx + | | DC + |
| Pin 2 | Rx - | | DC + |
| Pin 3 | Tx + | | DC - |
| Pin 4 | | DC + | |
| Pin 5 | | DC + | |
| Pin 6 | Tx - | | DC - |
| Pin 7 | | DC - | |
| Pin 8 | | DC - | |

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POECheck

USER GUIDE

Revision A

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