

Ag6130

V0.4
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Single port IEEE 802.3af, 802.3at & 802.3bt PSE Module



- **IEEE802.3af, at & bt compatible**
- **Smallest SMT Footprint -**
21mm(L) x 14mm(W) x 5mm(H)
- **Over Current & Short Circuit Protection**
- **Signature & Class recognition**
- **IEEE802.3bt reduced MPS for lower power standby**
- **Output Disable**
- **Very Low Power Dissipation**
- **Industrial Temperature**
- **Simple integration**

The Ag6130 module is designed to inject power onto a conventional twisted pair Category 5 Ethernet cable. These modules provide exceptional efficiency (>98%) while compatible with IEEE 802.3af, 802.3at and 802.3bt Power-over-Ethernet (PoE) devices.

When added to your equipment this module will deliver PoE power, to supply connected PoE devices. The addition of this module will add the PoE function and change the equipment to a standard PoE Power Sourcing Equipment (PSE). If you wish to add PoE as an option to your products this is the ideal solution.

The Ag6130 has a single IEEE 802.3af, 802.3at & 802.3bt compatible output. The module will read the signature and class of any compatible device and then supply the correct power. This Ag6130 can be used in a Mid-span or End-Span device.

The Ag6130 offers a complete, simple to use solution to add the PoE power sourcing function to your product. This module is aimed at low and higher power applications alike providing System Designer/Integrators with the flexibility of providing power from .af levels upto .bt, including legacy UPoE systems, in one very small, easy-to-integrate module.

The Ag6130 also has an Output Disable feature allowing the PSE to be isolated from the connected PD as necessary. Enabling the output will restart the power negotiation process.

The Ag6130 can be used to supply various types of connected Ethernet equipment, such as Mobile Radio Communications Equipment, VoIP phones, IP cameras and Door Access controllers. Rated at the Industrial Temperature Range allows use in the most demanding of industrial applications.

