

Ag6120

Single port IEEE 802.3af, 802.3at & 802.3bt PSE Module



- **IEEE802.3af, at & bt compatible**
- **Small Footprint -**
53mm(L) x 7mm(W) x 14mm(H)
- **Over Current & Short Circuit Protection**
- **Signature & Class recognition**
- **IEEE802.3bt reduced MPS for lower power standby**
- **Very Low Power Dissipation**
- **Industrial Temperature**
- **Simple integration**

The Ag6120 module is designed to inject power into 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 Ag6120 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 Ag6120 can be used in a Mid-span or End-Span device.

The Ag6120 is 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 easy-to-integrate module .

The PoE power provided by your unit 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.

