



# IRISPoE-4

## 4 Channel PoE Injector for Boats & Vehicles



The new IRIS-PoE4 is a compact four channel power over ethernet (PoE) injector designed and certified especially for use in vehicles, marine and solar power applications.

The IRIS-PoE4 uses high end buck-boost power management to facilitate IEEE802.3af PoE operation across and extremely wide 8~40VDC input range, making it perfect for environments where input voltage may not be stable or where the required 48VDC is not available.

Simple to install and reliable, the IRIS-PoE4 features plug and play functionality and requires no setup.

The IRIS-PoE4 is extremely powerful, delivering up to 80W non isolated power depending on voltage input and temperature. The unit features 4 PoE ports, and 1 non PoE port with autosensing 10Base-T / 100Base-T data rates.

The IRIS-PoE4 Ethernet switch has been fully certified to comply with the following standards for use in the marine industry:

IEEE802.3af EN60945 EN55022 (Class B)

EN50155

UL1950, XSA 22.2

Mounting clips are also provided for easy installation.

### Key Features:

- Inject DC Power onto up to four devices
- Wide Voltage Range – 8~40VDC Input
- Delivers up to 48VDC
- Max Power Output - 8-W
- IEEE802.3af Compliant
- Small Form Factor with moulded fixing points
- Dimensions: 92mm x 84mm x 38mm
- Up to 80W Power Budget
- Rugged Enclosure with Adjustable Mounting Brackets

Power Input Connector	Detachable Screw Terminal
Input Voltage	8.5 ~ 40VDC (Minimum Startup Voltage - 10.5VDC)
Fusing	External Fuse Required. 10A for 12VDC Input - Slow Blow Type
PoE Output Standard	IEEE 802.3af / IEEE 802.3at Compatible
Isolation	Non Isolated from DC Input
Power Budget	24V input / 80 watts total 12V input / 80 watts (reduce to 65 watts for 30°c above ambient)
Ethernet Connector	RJ45, 5 port unmanaged, 10/100 switch
Ethernet Rates	10BASE-T or 100BASE-T and duplex, auto-configuring
Cable	Straight Through or Crossover, CAT5, CAT5e or CAT6
Feedback	Coloured LED's for status indication
Dimensions	110mm x 100mm x 40mm
Mounting (Brackets Included)	5mm mounting holes on 122mm centers
Weight	290g
Operating Temperature	-20°C ~ + 55°C
Relative Humidity	Up to 85%, non condensing
Ordering Code	IRISPoE-4
Weight	290g



Iris's Officially Endorsed range is a new line of products that, whilst not manufactured in house, are rigorously tested before given our seal of approval. Each product within the range has been specially selected to deliver high quality performance within a budget, delivering the very best deal

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