

# SMCPWR-INJ4

## EliteConnect™ Power over Ethernet Injector



### Product Overview

The SMCPWR-INJ4 is an IEEE802.3af compliant PoE (Power over Ethernet) 1-port injector that combines power and data signals. By using the SMCPWR-INJ4, an external power adapter will no longer be required. Utilizing a standard Category 5 Ethernet RJ-45 cable, the power and data can be combined (injected) into the Ethernet RJ45 Cat.5 output cable and fed into the PoE enabled devices to provide both power and data signals. It will reduce your network installation costs and increase the flexibility, especially in locations where electrical power sources are difficult to get.

### Key Features and Benefits

- 1 "Data" input port compliant with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX
- 1 "Data+ Power" PSE/PoE output port compliant with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX and IEEE802.3af PoE
- Supporting the power Max.15.4W for each PSE/PoE port
- Each output port has output current limited, short-circuit protection, complete Power Device (PD) detection and classification Smart Plug & Play

### Specification

#### Features

- 1 Ethernet Input (data only) port
- 1 Ethernet Output (data + power) port

#### Standards

- IEEE 802.3af
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX

#### PoE Specification

- PIN Assignments and Polarity: (+) 4/5, (-) 7/8

#### LED Indicator

- Power LED

#### Power Input

- 90~260V/AC, 50~60Hz

#### Power Output

- 48V/DC at Full 15.4W output supported

#### Power Consumption

- 19 Watts (Max)

#### Dimension

- 120(L) x 50(W) x 35(H) mm

#### Weight

- 0.14kg

#### Operation Temperature

- 0~40°C

#### Storage Temperature

- -20~85°C

#### Humidity

- 10~90% RH  
(non-condensing)

#### Certification

- FCC Class B
- CE

### Contact

#### SMC Networks Australia

Tel: 1300 725 323

Email: [sales@smc-australia.com.au](mailto:sales@smc-australia.com.au)

1/14 Wellington Street, Acacia Ridge  
QLD 4110

Office Hours  
Monday to Friday  
9am to 5:30pm