

PoE World

World Class
Injectors Switches Splitters
Extenders Testers

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GAT-24v24w for 24 volt devices from 802.3at Poe

Product Description - GAT-24v24w

This device provides a low cost solution for delivering power to a 24 volt camera or router over 328ft of network cable. This device allows power to be carried on 10/100/1000 networks with either 802.3af , 802.3at or passive injectors and switches with a CAT5e, CAT6 or CAT7 Ethernet network cable.

Intended for use with Cisco or similar PoE switches – this active PoE solution negotiates with the switch to activate power and provide it to the client device. It is a compact and cost effective power solution. The switch supplies 48 or 56 volts DC at the source location. The splitter extracts the DC voltage from the network cable and reduces the voltage to 24v, and increases the available current by the same factor to power 24v client device via mode B power on the output female RJ45. Designed for dry indoor applications, the 24v DC output can power 24 watt devices up to 328 from the female output connector.

Typical Devices

- Mikrotik routers, Ubiquiti Nanostation and Unifi
- Non-PoE Access points, door locks and other devices
- Heaters on outdoor PoE cameras



Specifications

RJ45 PoE male Input

Power and data source
Input Voltage Max
Input Current at 48v
Data Pins in and out
Data speeds
Power input mode A
Power input mode B

802.3at compliant Class 4

RJ 45 male connector, 802.3af or 802.3at
Up to 57 volts
300 ma input delivers .500 ma out
All 4 pairs for data are preserved
10/100/1000 mbit/s
1&2 and 3&6 – either polarity
4&5 (plus) and 7&8 (minus)

RJ45 24v Female Output Passive PoE 4,5 (plus) 7,8 (minus)

Non Isolated output
Power and data to load
DC output connector
Power Output Mode B
Output Voltage Max load
Output Voltage no load
Operating Temperature
Size

Attention – if the PoE switch uses a Class 1 power then the outputs will be 24 or 32 volts above earth
RJ-45 female, 24v mode B power
Optional 2.1mm x 5.5mm on request
45 + and 78 – non isolated
24v +- 2% at 1 amp 24 watts
24v
0°C ~ 50°C
22 x 22 x 100 mm

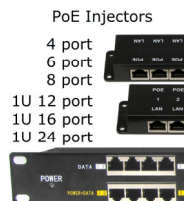
Status LED's



Typical device powered by Passive 24v PoE



PoE Tester



PoE-World PoE injectors



Any PoE Switch