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WS-POE-5v10w for 5 volt cameras or USB



5 volt Splitter

Typical non-PoE 5v devices

[Product Description - WS-POE-5v10w](#)

This device provides a low cost solution for delivering power to a 5 volt camera or USB device over 328ft of network cable. This scheme allows power to be carried on 10/100 networks over the spare, unused pairs of a CAT5, CAT5E, CAT6 or CAT7 Ethernet network cable. Use with our passive PoE switches or multi port injectors with 24v power supplies.

Not intended for use with Cisco /Netgear type 802.3af PoE switches – this passive PoE solution operates from any supply from 10v to 30v, and the output voltage is 5v 2 amps.

Normally used together with a power supply for 1 to 16 cameras, it is a compact and cost effective power solution. The injector inserts 24 volts DC at the source location. The higher DC voltage means the current is reduced by a factor of 5, and then carried with less loss over the spare pairs of the 10BASE-T or 100BASE-T network cable. The splitter extracts the DC voltage from the network cable and reduces the voltage to 5v, and increases the available current by the same factor to power the camera on the 1.35 mm x 3.5 mm splitter jack. Unlike simple injector / splitter sets, this combination of a 24v power supply and 5v converter allows you to extend the distance with this product for this application up to 328ft or 100 meters.

We also offer kits with up to 16 injectors – so one power supply can feed 4, 8, 12 or 16 cameras. These kits include the Multi Port Passive POE injector and a power supply of either 30 watts, 60 watts or 120 watts.

[Typical Cameras or other USB devices](#)

- Foscam W series Tervis, Wansview, Maygion, EasyN, Apexis, EasySF,
- Dropcam, Vstarcam, any 5v device
- micro USB and Lightning adapters available for iPad, iPhone, Tablet, Android etc
- Dlink and Axis require our 2.5 mm x 5.5mm adapters
- Dropcam require our micro USB adapters



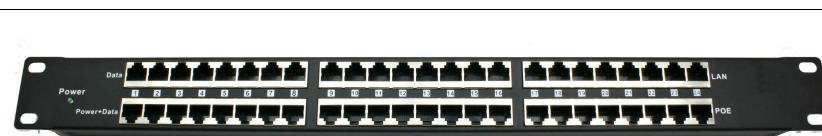
multiport injectors

[Specifications](#)

Power and data source	RJ 45 female connector
DC output	1.35mm x 3.5mm
Data only connector	10BASE-T, 100BASE-T RJ-45 male
Data Pins	1&2 and 3&6
Power Pins (input)	4&5 and 7&8
Input Voltage Max	Up to 30v standard – 48 volt optional
Input Current at 24v	550 ma input delivers 2 amps out
Output Voltage Max	5v +- 5% at 2 amps 10 watts
Operating Temperature	0°C ~ 50°C
Size	19 x 35 x 50 mm



USB, Lightning and other DC adapters



Rack mounted multiport injectors



Injector for 1 device