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WS-AF-5v5w for 5 volt cameras or microUSB

Product Description - WS-AF-5v5w for 10/100 networks

This device provides a low cost solution for delivering power to a 5 volt camera or USB device like Dropcam or Raspberry Pi over 328ft of network cable. This device allows power to be carried on 10/100 networks with either 802.3af 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 active power and provides 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 higher DC voltage means the current is reduced by a factor of 9, and then carried with less loss over 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 DC plug. Unlike simple injector / splitter sets, this combination of a 48v source 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 and splitters – 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.

This is a 5 watt device. Use our 10 watt device for iPad or Android tablets or for 10 watt cameras.

Typical Cameras

- Foscam W series Tenvis, Wansview, Maygion, EasyN, Apexis, EasySF,
- Dropcam, Vstarcam, any 5v device
- microUSB adapter included
- other adapters available for 2.5 mm x 5.5mm devices, 2.1mm, usb, micro and mini usb

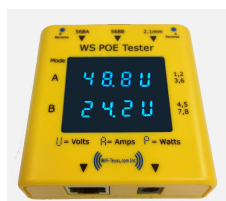


Specifications

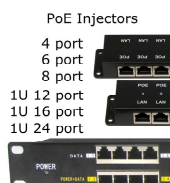
Power and data source	RJ 45 female connector
DC output	1.35mm x 3.5mm and micro USB
Data only connector	10BASE-T, 100BASE-T RJ-45 male
Data Pins out – male RJ45	1&2 and 3&6
Power input Pins (passive mode)	4&5 and 7&8 – either polarity
Power input co-located with data	1&2 and 3&6 – either polarity
Input Voltage Max	44 to 57 volts 80.2.3af
Input Current at 48v	180 ma input delivers 1 amp out
Output Voltage Max load (5v5w)	5v +- 2% at 1 amp 5 watts – do not exceed
Output Voltage no load	5.2v
Operating Temperature	0°C ~ 30°C
Size	22 x 22 x 100 mm



optional adapters
 USB, 2.1mm or 2.5mm
 at <http://wifi-texas.com>



PoE Tester



WiFi-Texas injectors



Any PoE Switch