

# WT-AF-5v10w splitter for USB or any 5 volt 10 watt device



## [Product Description - WT-AF-5v10w](#)

This device provides a low cost solution for delivering power to a 5 volt camera or other device 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 activate power and provide it to the client device. It is a compact and cost effective power solution. The PoE 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 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.

Step a) connect 1.35mm DC cord to your camera, use our MicroUSB adapter for Dropcam or Raspberry Pi - we also have adapters for 2.1mm, 2.5mm and different USB options.

Step b) connect RJ45 male to your camera

Step c) use a factory Ethernet cable to connect the RJ45 female to your PoE switch up to 100 mtr distance

## [Typical Cameras](#)

- Foscam W series Tenvis, Wansview, Maygion, EasyN, Apexis, EasySF,
- Dropcam, Vstarcam, any 5v device
- other adapters available for 2.5 mm x 5.5mm devices, 2.1mm x 5.5mm etc



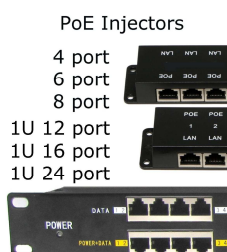
## [Specifications](#)

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 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	Up to 57 volts
Input Current at 48v	300 ma input delivers 2 amps out
Output Voltage Max load (5v10w)	5v +- 2% at 2 amps 10 watts
Output Voltage no load	5.2v
Operating Temperature	0°C ~ 50°C
Size	24 x 30 x 80 mm with 20 cm cord



optional adapters  
adapters not included

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WiFi-Texas injectors



Any PoE Switch