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Isolated WT-AF-5v10w V3 gigabit splitter for 5 volt or USB 10 watt devices



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 10/100/1000 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 Rasperry 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 Tervis, 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



Non-Poe camera

DC connector options - see other listings for each type.



adapters not included

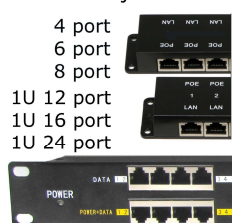
Specifications

Power and data source input	RJ 45 female connector
DC output	1.35mm x 3.5mm male connector
Data only connector output	10/100/1000 Ethernet – RJ45 male
Isolated Data to powered device	All 4 pairs are active for data
Power input Pins	1&2 and 3&6 – either polarity
802.3af class	Class 3 - 12.95 watts max
Input Voltage Max	Up to 57 volts
Input Current at 48v	265 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
Isolation	3000 volts isolation from PoE side to DC output



PoE Tester

PoE Injectors



WiFi-Texas injectors



Any PoE Switch