



WiFi-Texas.com Inc
 815-A Brazos #326
 Austin Tx, 78701
 512 479 0317
<http://wifi-texas.com>

WT-AF-5v10w 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 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

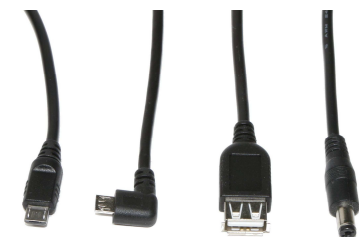
Typical Cameras

- Foscam W series Tensis, 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 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	4&5 and 7&8 – either polarity
802.3af class	1&2 and 3&6 – either polarity
Input Voltage Max	Class 3 - 12.95 watts max
Input Current at 48v	Up to 57 volts
Output Voltage Max load (5v10w)	265 ma input delivers 2 amps out
Output Voltage no load	5v +- 2% at 2 amps 10 watts
Operating Temperature	5.2v
Size	0°C ~ 50°C
	24 x 30 x 80 mm with 20 cm cord

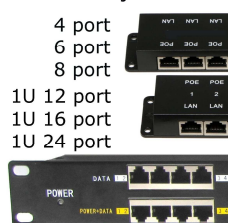


optional adapters
 adapters not included



PoE Tester

PoE Injectors



WiFi-Texas injectors



Any PoE Switch

Advisory

IMPORTANT NOTICE FROM WIFI-TEXAS ABOUT YOUR WT-AF-5V DEVICE

You recently purchased our WT-AF-5v PoE Splitter, and we want to make you aware of a potential safety issue that impacts some PoE applications involving iPads, Android tablets, or other devices with audio outputs connected to another device (like a stereo amplifier).

When the WT-AF-5v is used with a Class 1 power supply, the audio barrel connection will be up to 43 volts above Earth, and the user could be exposed to these voltages under wet conditions. While 43 volts is considered low voltage by the National Electrical Code, it can cause injury under wet conditions.

This will be fixed in a new version available in the next few weeks. To learn more, please visit <http://wifi-texas.com/notice>

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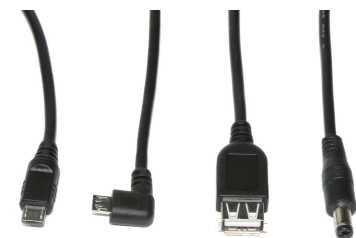
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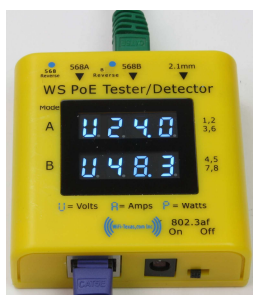


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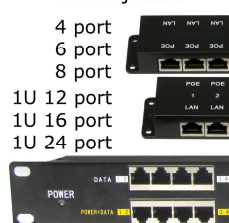


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