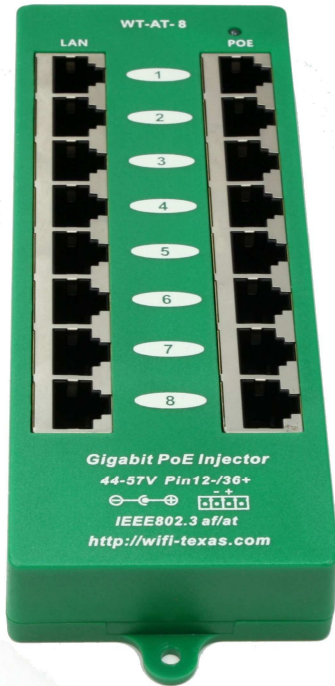




WiFi-Texas
 815-A Brazos #326
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WT-AT-8

802.3af / 802.3at auto negotiating injector for 8 gigabit devices including 48 or 56 volt power supply



- Add 15 watts or 25 watts per port to any non-PoE switch
- 2 phase 802.3at negotiation for Class 4 devices
- 1 phase 802.3af negotiation for Class 0-3
- Activates full power mode in 802.3at devices
- 8 Port Gigabit Ethernet Injector
 - 8 Shielded RJ-45 LAN
 - 8 Shielded RJ-45 LAN+POE
 - 10/100/1000 data rates
- Size: 160 x 62 x 25 mm plus 2x 10 mm tabs
- wall mount - stackable
- 350 / 550 ma automatic cutoff on each port
- Same voltage to all ports
power is equally shared as needed by the devices
- Use with any Ethernet switch
 - PoE or non-PoE switches
- Standard power connector
 - 2.1mm x 5.5mm
- Additional Phoenix DC connector
 - 3.5mm model 1844236
- Operating Temperature
 - 0 to 65 deg C
- Mode A operation
 - pins 1-2 (-)
 - pins 3-6 (+)
 - reversing option available
- Ideal for IP Cameras, VOIP phone, WiFi Access Points
- Technical support from Austin
- 48v or 56v power supply included
- Power is off until an 802.3af / 802.3at device is connected
- Important – only Class II power supplies should be used.

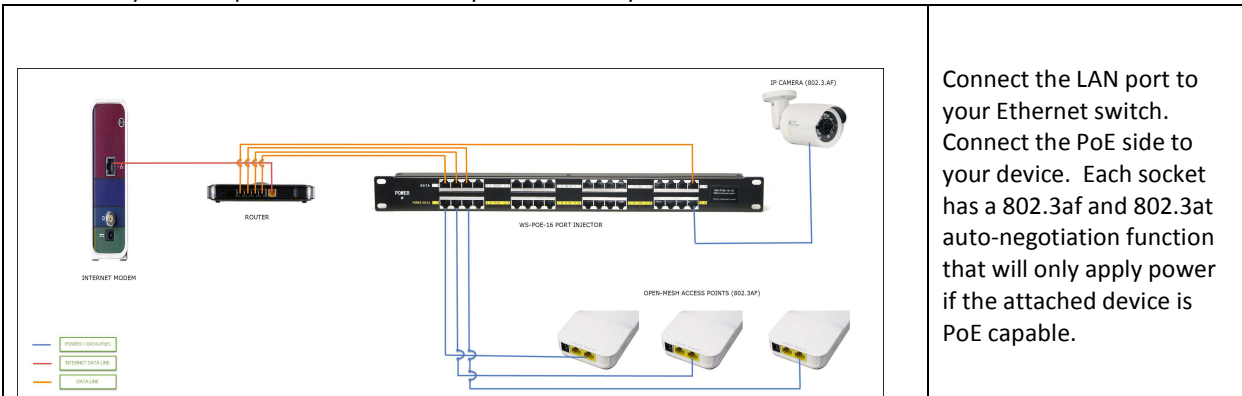


power input

Device Spec	Mode A - DC Input RJ45 pins 12- 36+	Note
802.3at or 802.3af	56 volts	for up to 150 watts total or 25 watts on 6 ports or a mix of 802.3af and 802.3at at the same time
802.3af or "12v, PoE"	48 volts	Up to 120 watts total, or 15 watts per port

Please follow this sequence:

- Connect the DC cord from the power brick supplied, to the Injector (48v or 56 v)
 - Apply AC power (100 to 240v AC) to the power brick
 - 10/100 and gigabit rates are supported.
 - For each powered device, connect the device to the PoE side to the device, and LAN side to your switch.
- If the device does not support PoE mode A – it will not get power. Your switch will indicate that there is a link to the remote device. For example, if you have 5 devices you will need 5 LAN to switch jumpers.
- We can power 802.3at and 802.3af – your device reports it's power needs.
 - If the device shows "12v, PoE" on the data sheet – this means that the device uses 12v when powered from a transformer – and 48v or 56v when powered via CAT-5.
 - If you need pins 12+ and 36- then you can use any standard Ethernet crossover cable.

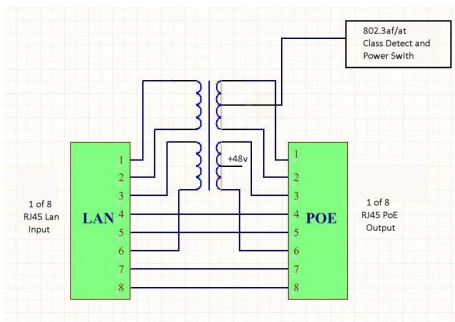


Connect the LAN port to your Ethernet switch. Connect the PoE side to your device. Each socket has a 802.3af and 802.3at auto-negotiation function that will only apply power if the attached device is PoE capable.

VOIP phones, cameras and WiFi AP's need from 3 to 15 watts each, with this injector, you can provide remote power up to 328 ft from the power source. If your device data sheet shows "48v 350ma" please understand that this is not the power your device needs, but the max power that is available according to the 802.3af spec. For example, a Polycom VOIP phone is 802.3af compatible, but needs about 8.5 watts to operate. Therefore, one 6 port injector and a 30 watt power supply can power 6 phones at low cost.

This device will shut down the socket if power exceeds 550ma. It will restore power if the load is less than 550 ma is needed. If no load is detected, it will disable the output voltage. Only use class II isolated power supplies, if your power supply is Class I (earth equals 0 volts) then + 48 volts will be present on pins 3 and 6 at all times, this is not the case with Class II isolated supplies.

The power supply included is UL, CE, DoE and FCC listed and has an input voltage of 100 to 240 volts, 50/60 hertz.



Switch PoE power to pins 12 on each PoE socket



Dual DC inputs



DC polarity