



PoE World

World Class PoE Injectors, Splitters, Switches, Extenders

Our Locations and Partners:

PoE-Texas Austin Texas
PoE-UK London England

PoE-India Pune India
PoE-World Shenzhen China
<http://poe-world.com>

GPOE-12

power 12 Gigabit devices from one supply 12v to 56v

1-4 Rj45 socket LED1 5-8 Rj45 socket LED2 9-12 Rj45 socket

Port current 0-20ma off
Port current 0-400ma green
Port current >400ma yellow

off green yellow
off green yellow



Injector RJ45 <100 m of CAT5E cable Device RJ45

Ground 1 2 3 6 4 5 7 8 1 2 3 6 4 5 7 8 Device + Ground

12v to 56v + Mode B Mode A

- 12 Port Gigabit Ethernet Injector
 - 12 Shielded RJ-45 LAN
 - 12 Shielded RJ-45 LAN+POE
 - all 4 data pairs connected – transformer isolated power on POE side
- Size: 19 inch 1U Rack mount
- Dual 650 ma automatic resettable fuse on each port
 - 1.3 amps in AB mode
- 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
 - Dual connectors – for one or two power supplies
 - Use two power supplies for redundancy or 802.3at mode
- Ideal for IP Cameras, VOIP phone, WiFi Access Points
- Technical support: poe-world.com
- LED status indicator
- Operating Temperature – 0 to 65 deg C
- Select the power supply you need 12 to 56 volts
- We offer kits with power supplies

Online PoE Distance calculator: <http://atxled.com/Calculator/>

Device Spec	MODE A PIN 1.2 V- PIN 3.6 V+  RJ45 pins 36+ 12-	MODE B PIN 4.5 V+ PIN 7.8 V-  RJ45 pins 45+ 78-	Application
802.3at active	56 volts	56 Volts	Please see our WT-AT-8-56v120w device for true 802.3at
802.3at passive	56 volts	56 Volts	For WiFi-Access points and cameras that accept passive power, up to 240 watts
802.3af or "12v, PoE"	48 volts	48 volts or none	Use B input for redundancy
Passive 24v	None	24 volts	Mikrotik, UBNT, OpenMesh, Tranzeo