



PoE World

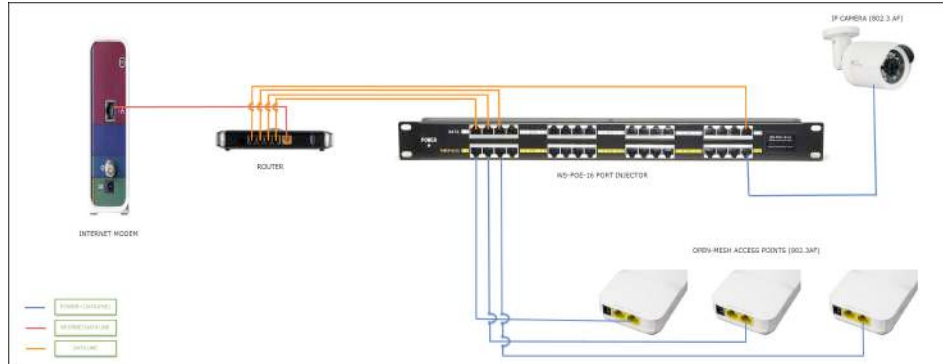
World Class PoE Injectors, Splitters, Switches, Extenders

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**GPOE-16A-1U load balancing  
Gigabit PoE injector with mode A and split backplane**

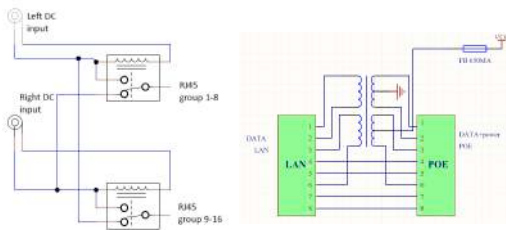


- 16 Port Gigabit Ethernet Injector
  - 16 Shielded RJ-45 LAN
  - 16 Shielded RJ-45 LAN+POE
  - all 4 data pairs active for gigabit data rates
  - shared data and power via transformer isolated power injection on mode A pairs

- 1U high standard rack mount (1.75 x 19 x 2 inches)
- 650 ma automatic resettable fuse on each port
- Power is equally shared as needed by the devices
- Use with any Ethernet switch – passes all management info transparently
- 4 LED status indicators - - 1 master power GREEN LED
  - for each group of 4 POE sockets:

0 to 100 ma	100 to 1000 ma	over 1000 ma
Off	GREEN	Yellow

- Ideal for IP Cameras, VOIP phone, WiFi Access Points with 802.3af or 802.3at or passive
- Technical support: poe-world.com
- Power supply range 24 to 56 volts
  - Dual Power supply inputs (2.1mm x 5.5mm) see table below
  - we offer kits with power supplies
- Environmental
  - operating temperature range – 0 to 50 deg C
  - storage temperature range – 0 to 50 deg C
  - relative humidity range – 5 to 90% non condensing
  - FCC rules – there are no RF emitting devices in the design
  - the device is PELV per NFPA standard 79, protected extra low voltage
  - no cooling is required, no fans. Quiet operation
- Use either power input – if two supplies are used, each half receives power from that side only



Usage	Input	Number of attached PSU	Watts/Port Max	Note
802.3at (active)	56 volts		30	Please see the AT series of active 802.3at injectors
802.3at (passive)	56 volts	1	30	up to 150 watts total
802.3af (passive)	48 volts	1	30	up to 150 watts total
802.3af (passive) redundant	48 or 56	2	30	up to 150 watts on 1-8 and 150 watts on 9-16
Passive 24v	24 volts	1	15	Mikrotik, UBNT – undocumented mode A support in some devices.
		2	15	