PoE World

World Class
Injectors   Switches   Splitters
Extenders   Testers

PoE-World
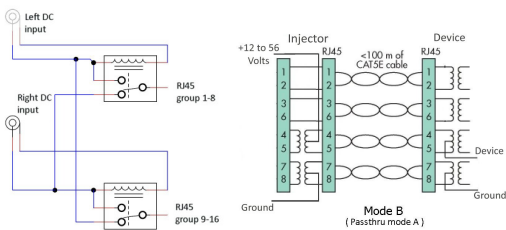http://poe-world.com

GPOE-24-1U load balancing
gigabit PoE injector with mode B

- 24 Port Gigabit Ethernet Injector
    - 24 Shielded RJ-45 LAN
    - 24 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 B pairs
- Dual power supply inputs up to 150 watt each – both must be same voltage
- Use either power input – if two supplies are used, each half receives power from that side only
- Load Balancing by Relay for low loss and high reliability
- 1U high standard rack mount (1.75 x 19 x 2 inches)
- 1000 ma automatic resettable fuse on each port
- Power is 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 20 ma	20 to 400 ma	over 400 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

Usage	Input	Number of attached PSU	Watts/Port Max	Note
802.3at (active)	56 volts	N/A	N/A	Do not use with Active 802.3at devices Please see the AT series of active 802.3at injectors
802.3at (passive)	56 volts	1	56	up to 150 watts total
		2	56	up to 300 watts total 150 watts on 1-12 and 150 watts on 13-24
802.3af (passive)	48 volts	1	48	up to 150 watts total
		2	48	up to 300 watts 150 watts on 1-12 and 150 watts on 13-24
802.3af (passive) redundant	24, 48 or 56	2	48	2x 150 watts supplies, automatic failover if one supply fails – both supplies must be the same voltage
Passive 24v	24 volts	1	24	Mikrotik, UBNT 150 watts
		2	24	300 watts