



GPOE-16AB

Power to 16 gigabit devices from one supply 24v to 56v with mode A or mode B



- 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 A and B mode pairs
- 1U high standard rack mount (1.75 x 19 x 2 inches)
- 650 ma automatic resettable fuse on each port, one for each mode
- 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 20 ma	20 to 300 ma	over 300 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 with no moving parts

Usage	MODE A PIN 1. 2 V- PIN 3. 6 V+ 	Mode A	MODE B PIN 4. 5 V+ PIN 7. 8 V- 	Mode B	Note
802.3at (passive)	56 volts		56 Volts		for up to 300 watts total or 60 watts per port, 2 supplies required
802.3af (passive)	48 volts		48 volts or none		Load balancing or Redundancy
802.3af + 24v	48 or 56 volts		24 volts		Passive and 802.3af at the same time
Passive 24v	none		24 volts		Mikrotik, UBNT, OpenMesh, Tranzeo