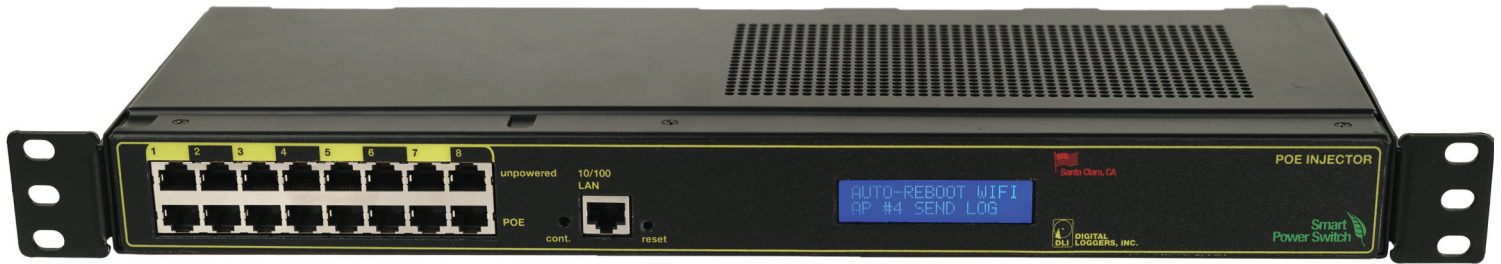# -48 SMART MIDSPAN POE INJECTOR
## Web controlled POE with Auto-Reboot.



Restart cameras, VoIP phones, and access points automatically.  Keep all your POE equipment running reliably.  Improve customer service and satisfaction. This semi-active 8-port -48V POE midspan injector is designed for 100% compatibility with access points, IP cameras, routers, switches and VoIP.

Add reliability. Simplify installations. Reduce cabling. Eliminate the bulky UPS, separate POE injectors and power switchgear. One unit powers, controls and re-boots any POE device securely from any web browser.

Eliminate service calls and unnecessary truck rolls. The injector can automatically sense when an IP device goes down and reboot by power cycling. Multi-user control pages can be accessed from any web browser. Scripting, syslog,  auto-ping automatic reboot, and WOL are standard features. Removable rack/wall mount brackets are included. Utilities like our new email alerter are free.

Directly connect an external 48V battery string for true uninterrupted power without a UPS. The injector senses both battery and AC power, switching instantly to the best power source. The built-in trickle charger will float-charge up to 54V.

Power surges, static, and nearby lightning cause tran-sients on POE lines.  Dual gas-tube and SIDAC protec-tors on the POE lines provide clean, safe power to keep your equipment running rock-solid.  The injector combines a semi-active 150W power injector -plus-an active current monitor that detects and corrects overloads. Get reliable operation through power surges and brown-outs, even on 802.3af POE+ equipment and downstream AP power supplies that may not negotiate reliably on other POE injectors.

 Call toay for a risk-free 15 day trial (408) 330-5599.

- Power, control and remotely reboot any 48 volt POE de-vice including VoIP phones, IP cameras, switches, routers and radios.

- Simple, reliable, plug-and-play operation.  Sets up in minutes.  Robust.  Easy to use web interface.

- Eight individual circuits are switched with up to 25W of power per port, up to a total of 150W.  Separate control port is provided.

- Enable the "Auto-Ping" feature to intelligently reboot a locked-up router, VoIP phone, server, camera. or other device automatically, even during WAN outages.

- Use scripts to automate control from remote locations. The internal web server gives you manual or automated control from anywhere in the world.

- Operating modes, security options, web page links and LCD display are easily customized by the end-user.

- Separate 10/100 autosensing control port connection with static IP allows reliable connection anywhere on your LAN, WAN, or over the Internet.

- Multiple power-up recovery modes add safety and flexibility:  timed, sequential on, all-off, last state, user program control, etc.

- Full Wake On Lan (WOL) support.

- Flexible design with no internal hub or switch.  Supports 10/100 on POE ports. Fully configurable.

- Rest assured with field proven reliability. DLI controllers are used worldwide in machine tools,data centers, indus-trial, and telecom applications - over one million ports!

- 15V and 24V versions are also available.

## DIGITAL LOGGERS, INC.

2695 Walsh Avenue, Santa Clara, CA 95051
Tel: (408) 330-5599, Fax: (408) 541-8459
www.digital-loggers.com

## WEB INTERFACE

Outlet Control - Web Power S...

lpc.digital-loggers.com/index.htm

**DIGITAL LOGGERS, INC.** — Ethernet Power Controller

Outlet Control
Setup
Scripting
AutoPing
System Log
Logout
Help

Custom Web Links
Link to Servers,
Other Power Switches,
Or anything else...

Version 1.5.1 (Nov 06 2011 / 21:25:53)
8AA39795-DEC95809
S/N:0000331011

**Controller: Web Power Switch IV**
Uptime: 0:22:57:05

### Individual Control

| # | Name | State | Action |
|---|------|-------|--------|
| 1 | Cisco Switch | OFF | Switch ON |
| 2 | POE for VoIP Phones | OFF | Switch ON |
| 3 | WISP WiFi Radio | OFF | Switch ON |
| 4 | Web Server | OFF | Switch ON |
| 5 | Backup Web Server | OFF | Switch ON |
| 6 | Ethernet Switch | OFF | Switch ON |
| 7 | Ubiquity Bullet Radio | OFF | Switch ON |
| 8 | UPS System | OFF | Switch ON |

### Master Control

All outlets OFF
All outlets ON
Cycle all outlets

Sequence delay: 5 sec.

## BASIC PROGRAMING

c.digital-loggers.com/script.htm

| 1 | ON 1 | |
| 2 | SLEEP 24 Hours | |
| 3 | CYCLE 234 | |
| 4 | DISPLAY 1 | ("Dialing Cell Phone") |
| 5 | PRINT 2 | ("ATDT 9, 1 408 330 5599") |
| 6 | PRINT 3 | ("Power Cycle Complete") |
| 7 | GOTO 1 | |
| 8 | END | |

## AUTOMATIC REBOOT

lpc.digitalloggers.com/ap.htm

**DIGITAL LOGGERS, INC.** — Ethernet Power Controller

Outlet Control
Setup
Scripting
AutoPing
System Log
Logout
Help

Custom Web Links
Link to Servers,
Other Power Switches,
Or anything else...

**Controller: Web Power Switch IV**
Uptime: 0:23:06:55

AutoPing — LICENSED

| IP | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Script | Action | TX | RX | HIT |
|----|---|---|---|---|---|---|---|---|--------|--------|----|----|-----|
| 192.168.0.128 | ☑ | ☐ | ☐ | ☑ | ☐ | ☐ | ☐ | ☑ | | ✓✗ | 0 | 0 | 0 |
| 192.168.0.129 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☑ | | ✓✗ | 0 | 0 | 0 |
| 74.125.224.116 | ☑ | ☐ | ☑ | ☑ | ☐ | ☐ | ☐ | ☐ | | ✓✗ | 15872 | 15822 | 4 |
| 10.1.0.102 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | | ✓✗➕ | 0 | 0 | 0 |
| 10.0.5.1 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | | ✓✗➕ | 0 | 0 | 0 |
| 192.168.0.2 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | | ✓✗➕ | 0 | 0 | 0 |
| 8.8.8.7 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | | ✓✗ | 0 | 0 | 0 |
| 8.8.8.8 | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | | ✓✗ | 0 | 0 | 0 |

Reboot outlets — Stats

## SPECIFICATIONS

| | |
|---|---|
| AC Fusing | Internal 2.5A, UL Power Supply |
| Alert Beeper | 63dBa at 12". Script controlled. |
| Applications | Equipment control and reboot. Indoor use only. See reverse. |
| Battery Charger | Trickle charge to 54V. Suitable for 48V flooded lead acid or gel-cell batteries up to 50AH |
| Control / Display | Reset -to-factory-default switch 2x16 backlit LCD w/ PowerSave |
| Dimensions (Product) | Outside 6.25x17.00x1.75" RETMA 1-U Standard" |
| EEPROM (I2C) | 256Kb standard, larger optional |
| Enclosure | Aluminum chassis, double grounded. 4 redundant fans |
| Ethernet Interface | 10/100 autosensing, Static IP, TCP port selectable, 8 pin RJ-45 w/ internal FCC filtering |
| FCC Testing | Part 15 S/D |
| Humidity | 8-80% RH Operating |
| Input Frequency | 50-400Hz |
| Input Power Cord | 6' 18AWG UL CSA L-15 |
| Input Voltage | 90-130VAC or 200-240VAC Please pecify when ordering |
| Mounting | Brackets rotate for wall mount, front or rear rack mounting. Vented on all sides. |
| Operating Temperature | -30º to 170ºF, -34º to 77ºC |

| | |
|---|---|
| Options - OEM Min. Order Qty. Applies. Please call. | • Custom labeling & packaging • RS-232 Port |
| Power Supply Rating | 90-120V, or 200-240V Factory selectable - internal switch |
| Port Power (RJ-45) | 25W / 500mA max per port, automatic current limiting. |
| Power Switching | 8 individually switched POE ports with automatic over-current protection set to 500mA |
| Password Transmission | Encrypted, base 64 Movable HTTP port for security |
| Power Dissipation | 188W Max (full load w/ charger) <8W idle 94% Typical Efficiency |
| Power-Up Modes | Last used settings, all power on or off, sequential on or run BASIC program script |
| Relay Contact Spec | 2x25A DC |
| Software Controls | Individual outlets on/off, all on/off/cycle. Net settings, Web UI |
| Surge Protection | Dual Gas Discharge Tube Fast 5000W TVS on POE Lines |
| Size (Carton) | 4.5x19.0x7.8" |
| Switchover Time (DC) | Instantaneous |
| Voltage Drop | 0.5V maximum (battery to port) |
| Weight | Bare unit 4.6lbs, Packed unit 7.1lbs |