



## Introduction

The Atlona **AT-PS-POE** is a 48 VDC mid-span power injector designed to send remote power to HDBaseT products that operate on IEEE 802.03af Power over Ethernet. When placed within an HDBaseT transmission line, it allows either or both HDBaseT endpoint devices to be remotely powered. The power supply features two power switches to selectively send power upstream or downstream. The PS-POE is housed in a compact enclosure and can be conveniently placed anywhere between the transmitter and receiver.

The PS-POE is ideal for Atlona HDBaseT endpoint devices used with HDBaseT-equipped products that do not provide power, including projectors, switchers, or third-party endpoints.

## Key Features

### Power supply for remotely powering devices on HDBaseT transmission lines

- Supplies 48 VDC to Atlona HDBaseT endpoint devices using IEEE 802.03af Power over Ethernet.
- Industry standard powering scheme for HDBaseT products.

### Mid-span power supply

- Routes power to upstream and downstream lines simultaneously.
- Saves cost with a single power injector.

### Power switches for incoming and outgoing line

- Power can be turned off in the direction of a non-remotely powered device.
- Sends power only as needed.

### Supports 4K/UHD signals

- Pass-through support of 10.2 Gbps HDBaseT signals which supports 4K/UHD resolutions, multi-channel audio formats, HDCP 2.2, and offers full 3D pass-through.
- Ideal for ultra-high resolution signals.

### Upgrade for PoC systems

- Maintains ROI on legacy systems that need an additional signal extension or receiver upgrade/replacement.

### Low-profile, discreet enclosure

- Easy insertion anywhere into HDBaseT transmission line including confined spaces.
- Keeps devices out-of-sight when placed in public spaces.

### Included accessories

- User guide, 48 V DC power supply, and mounting brackets.

## Specifications

Buttons and Indicators	
<b>Switches:</b> ON/OFF	2 – Slide switch
<b>Indicators:</b> PoE	1 – LED, red

Connectors	
HDBaseT IN	1 – RJ45
HDBaseT OUT	1 – RJ45
DC 48V IN	1 – Euroblock, 2-pin

Environmental	Fahrenheit	Celsius
Operating Temperature	+32 to +122	0 to +50
Storage Temperature	-4 to +140	-20 to +60
Operating Humidity (RH)	20% to 90%, non-condensing	

Power	
Consumption	1 W
BTU/h	3.4
External Power Supply	Input: 100 - 240 V AC, 50/60 Hz Output: 48 V / 0.83 A DC

Dimensions (H x W x D)	Inches	Millimeters
Unit	0.96 x 2.89 x 2.77	24 x 73 x 70
Power Supply (AT-PS-54-L)	1.42 x 1.81 x 4.41	36 x 46 x 112

Weight	Pounds	Kilograms
Device	0.09	0.19

Certification	
Device	CE, FCC
Power Supply	CE, FCC, Level VI, RoHS, cULus, RCM, CCC

Warranty	
Device	To view the product warranty, use the following link: <a href="https://atlon.com/warranty">https://atlon.com/warranty</a>

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