

Industrial Gigabit PoE Splitter - 90W High Speed Power over Ethernet PoE+++ Splitter - 12-48V DC Splitter 802.3bt - LAN/RJ45 Ultra PoE to DC Adapter - -40C to +75C

Product ID: POESLT1G48V



Splits a PoE connection (max 90W) into separate data (RJ45) and DC power (terminal block) that can power any device that uses DC power between 12V-48VDC (1.5A). Power non-PoE devices using network infrastructure, where power is not available.

Perfect for using PoE to power older devices while also providing network access for monitoring and control applications. Applications include:

- Security (card swipe or proximity boxes)
- Environmental monitoring (temperature/moisture sensors)
- Telco (analog interface systems/conversion)

Supports IEEE 802.3af (PoE / Type 1), IEEE 802.3at (PoE+ / Type 2), and IEEE 802.3bt (PoE++ / Type 3) PoE inputs up to 90W and splits data and power. Power output via terminal block can be configured for 12/16/24/48V DC (1.5A).

The configuration is completed by DIP switches and the product can be wall or DIN rail mounted using the included hardware.

Industrial features include -40 C to 75 C operating temperature, IP-30 rated housing, vibration, shock, and free-fall standard testing.

Vibration: EN 60068-2-6

Shock: EN 60068-2-27

Free-Fall: EN 60068-2-32

600,000+ hours MTBF rating using Telcordia/Bellcore at 50 C for long-term reliability.

The POESLT1G48V is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

Features

- **HIGH POWER GIGABIT PoE SPLITTER:** Power non-PoE devices using network infrastructure where power isn't available Splits PoE connection (max 90W) into RJ45 data & DC power (terminal block)
- **90W POE IEEE802.3bt:** Supports IEEE 802.3af (PoE / Type 1), IEEE 802.3at (PoE+ / Type 2), IEEE 802.3bt (PoE++ / Type 3); power out configured w/ DIP switch for 12/16/24/48V DC (1.5A) via terminal block
- **TECH SPECS:** High Speed 1 Gbps 1 x RJ45 PoE In 1 x RJ45 Data Out 12V-48VDC 1.5A power output 4 pin Terminal Block Power Out 10/100/1000 Mbps Auto Negotiation DIN or Wall Mountable
- **ROBUST DESIGN:** Industrial Power over Ethernet Splitter w/MTBF of 600,000+ hrs @ 50C Vibration, shock & free fall rated Rugged IP-30 aluminum housing Hardened operating temp of -40C to 75C
- **STARTECH.COM ADVANTAGE:** IT professionals' choice for over 30 years This PoE Splitter is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

Hardware

Warranty	2 Years
Ports	2
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3at PoE+, IEEE 802.3af PoE
Chipset ID	Texas Instruments TPS2372-4

Performance

Maximum Cable Length	328.0 ft [100 m]
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
General Specifications	ESD Standard: IEC 61000-4-2: Contact: 6KV; Air: 8KV, EFT



Standard: IEC 61000-4-4: Power: 2KV; Signal: 2KV, Surge
Standard: IEC 61000-4-5: Power: 2KV; Signal: 2KV, Vibration
Standard: EN 60068-2-6, Shock Standard: EN 60068-2-27,
Free-Fall Standard: EN 60068-2-32, Housing Standard: IP-30,
Safety Standard: EN60950-1

MTBF 622,154 hours

Supported Protocols IEEE 802.3bt PoE, CSMA/CD

IEEE 802.3at PoE+

IEEE 802.3af PoE

Connector(s)

Connector Type(s) RJ-45 (PoE+)
RJ-45
Terminal Block (4 Wire)

Special Notes / Requirements

Patents and Licenses United States Patent No. 5,406,260 (expired) , United States Patent No. 6,650,622, United States Patent No. 7,457,250, United States Patent No. 8,155,012, United States Patent No. 8,902,760, United States Patent No. 8,942,107, United States Patent No. 9,019,838, United States Patent No. 9,049,019, United States Patent Application No. 14/695,456, United States Patent Application No. 14/726,940,

Indicators

LED Indicators Power
bt

Environmental

Operating Temperature -40C to 75C
Storage Temperature -40C to 85C
Humidity 5 to 95% (non-condensing)

Physical Characteristics

Color Black
Material Steel
Product Length 4.1 in [10.4 cm]



Product Width	3.2 in [81.5 mm]
Product Height	1.3 in [32.0 mm]
Weight of Product	5.3 oz [150.0 g]

Packaging Information

Package Length	6.4 in [16.2 cm]
Package Width	8.3 in [21.1 cm]
Package Height	2.5 in [64.0 mm]
Shipping (Package) Weight	13.8 oz [392.0 g]

What's in the Box

Included in Package	Industrial-Grade Hardened PoE Splitter
	Terminal Block
	Hardware Mounting Kit
	Quick-Start Guide

****Product appearance and specifications are subject to change without notice.***

