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</br>IEEE 802.3u 100BASE-TX</br>IEEE 802.3ab 1000BASE-T</br>IEEE 802.3at PoE+</br>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</br>EFT Standard: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge Standard: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration Standard: EN 60068-2-6</br>Shock Standard: EN 60068-2-27</br>Free-Fall Standard: EN 60068-2-32</br>Housing Standard: IP-30</br>Safety Standard: EN60950-1
	MTBF	
	Supported Protocols	
	Supported Protocols	622,154 hours
	Supported Protocols	IEEE 802.3bt PoE</br>CSMA/CD
		IEEE 802.3at PoE+
		IEEE 802.3af PoE
Connector(s)	Connector Type(s)	RJ-45 (PoE+)
	Connector Type(s)	RJ-45
	Connector Type(s)	Terminal Block (4 Wire)

Special Notes / Requirements	Patents and Licenses	United States Patent No. 5,406,260 (expired) </br>United States Patent No. 6,650,622</br>United States Patent No. 7,457,250</br> United States Patent No. 8,155,012</br>United States Patent No. 8,902,760</br>United States Patent No. 8,942,107</br>United States Patent No. 9,019,838</br>United States Patent No. 9,049,019</br> United States Patent Application No. 14/695,456</br>United States Patent Application No. 14/726,940</br>
Indicators	LED Indicators	Power
	LED Indicators	bt
Environmental	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C
	Humidity	5 to 95% (non-condensing)
Physical Characteristics	Product Length	4.1 in [1.0 cm]
	Product Width	3.2 in [81.5 mm]
	Product Height	1.3 in [32 mm]
	Weight of Product	5.3 oz [150 g]
Packaging Information	Package Length	6.4 in [1.6 cm]
	Package Width	8.3 in [2.1 cm]
	Package Height	2.5 in [64 mm]
	Shipping (Package) Weight	13.8 oz [392 g]
What's in the Box	Included in Package	Industrial-Grade Hardened PoE Splitter
	Included in Package	Quick-Start Guide
	Included in Package	Hardware Mounting Kit
	Included in Package	Terminal Block

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