

PoE-Powered Power Supply (SPL90BT)

Hardened PoE-Powered Power Supply



Overview

EtherWAN's SPL90BT is a compact hardened DIN-rail mounted PoE splitter. Using the latest IEEE 802.3bt PoE technology, the SPL90BT can accept up to 90W power from a PoE power source and provide power to remote non-PoE devices in environments where power is not available. Hardened-grade allows for reliable operation even in harsh environments.

EtherWAN — "When Connectivity is Crucial."

Highlights

+ Flexible Power Output

- Provides power to remote non-PoE devices
- Various DC voltage outputs to power wide range of devices
- Accepts PoE power from IEEE 802.3af/at/bt compliant devices

+ Hardened-Grade for Non-Ventilated & Harsh Environments

- Wide operating temperature range -40 to 75°C (-40 to 167°F)
- Fanless operation
- High impact, thermal shock, and electrical noise resistance

+ Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

Specifications

+ Interface

Ethernet

1 x 10/100/1000BASE-T(X), data out

1 x 10/100/1000BASE-T(X), PoE in

LED Indicators

Power detected: On/Off

BT: On (802.3bt detected), Off (802.3bt not detected)

DIP Switch (1/2)

Up/Up: 48VDC

Down/Up: 24VDC

Up/Down: 16VDC

Down/Down: 12VDC

+ Physical

Casing Material

Aluminum

IP Rating

IP30

Dimensions

32 x 81.5 x 103.5mm (W x D x H)

1.26" x 3.21" x 4.07"

Weight

1.5lbs (0.68kg)

Installation Type

DIN-rail or wall mounting

+ Technology

Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX/100BASE-FX

IEEE 802.3ab 1000BASE-T

IEEE 802.3af PoE

IEEE 802.3at PoE+

IEEE 802.3bt 4PPoE

+ Environmental

Operating Temp.

-40 to 167°F (-40 to 75°C)

Storage Temp.

-49 to 185°F (-40 to 85°C)

Relative Humidity

5% to 95% (non-condensing)

MTBF

>500,000 hours@50°C

+ Power

Input

PoE Power Input

Power Consumption

1W max

DC Power Output

48VDC@1.5A

24VDC@2.3A

16VDC@2.3A

12VDC@2.3A

Protection

Current Overload Protection

+ Regulatory

ISO

Manufactured in ISO-9001 facility

EMI

FCC Part 15B Class A

EN 55032

EN 55024

EMS

EN 61000-4-2 (ESD)

EN 61000-4-4 (Burst)

EN 61000-4-5 (Surge)

Safety

UL 60950-1

Vibration

IEC 60068-2-6

Shock

IEC 60068-2-27

Free Fall

EN 60068-2-32

+ Warranty

Length

Limited Lifetime

Details

www.etherwan.com/support/warranty-policy

+ What's Included

Device

Splitter

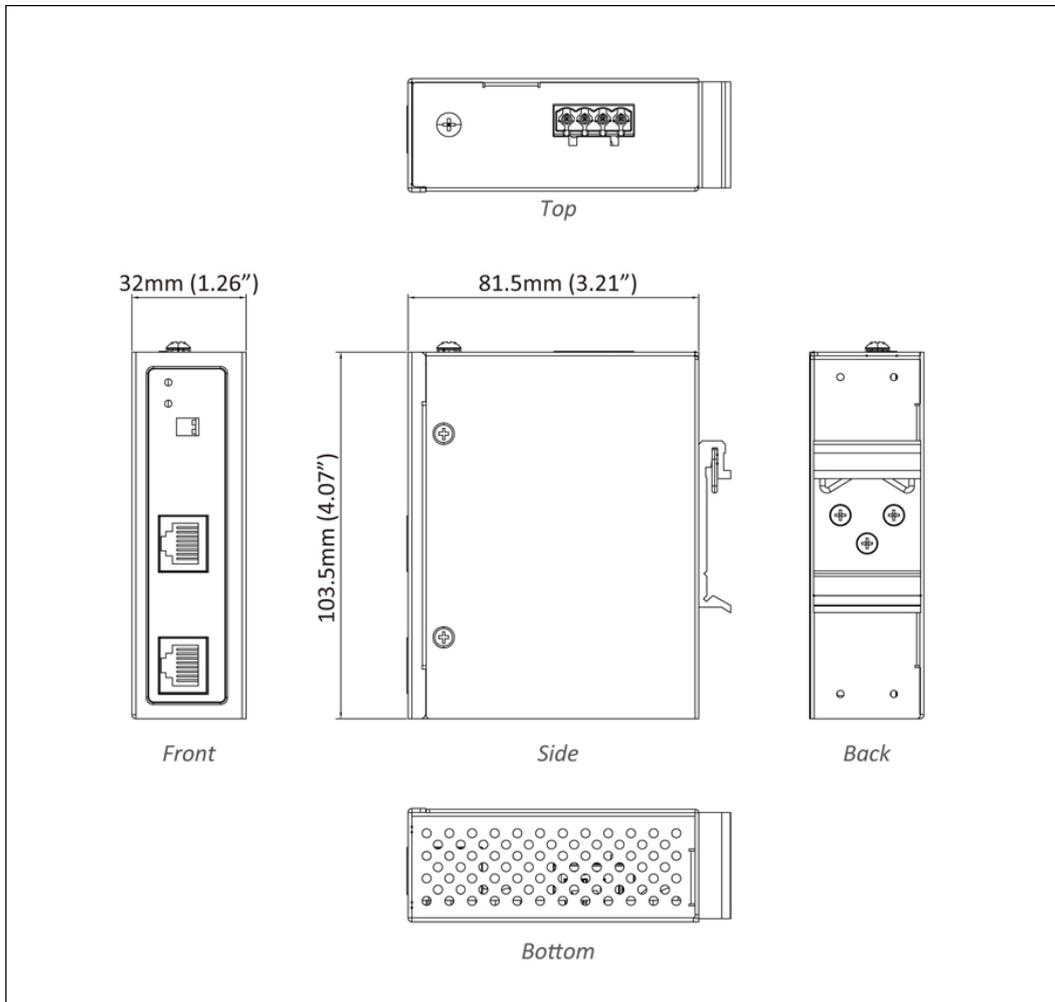
Installation

Mounting brackets, screws, 4-pin terminal block

Documentation

Quick install guide

Dimensions



Ordering Info

+ Model

SPL90BT	10/100/1000BASE-T PoE Splitter
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EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.