PoE World

World Class
Injectors Switches Splitters
Extenders Testers

Our Locations and Partners :

PoE-Texas   Austin Texas   HQ   Shenzhen China

http://poe-world.com

802.3AT PoE Splitter
with USBC power

AT-USBC-Rev3

PoE To USB-C Driver
MODEL:AT-USBC-Rev3
INPUT:44-57V DC IEEE802.3AT
POWER OUT:USB-C (Type-C) PD3.0
5V3A,9V2A,12V1.5A
15V1.35A,20V1.25A
Warm Surface In Operation

Product Description – GAT-USBC PoE Power Splitter

This device provides a powerful solution for delivering up to 23 watts of power to a USB-C device over 328ft of network cable. This splitter allows power to be carried on CAT-5e or CAT-6 network cables using 802.3af or 802.3at standards or 56 volt passive PoE. 802.3af switches can be used – but only 12 watts can be delivered without overload. 10/100/1000 or 10/100 switches can be used – this devices does not interact with the data..

Intended for use with any PoE switch – this active PoE solution negotiates with the switch to activate power and provide it to the client device. It is a compact and cost effective power solution. The PoE switch supplies 48, 51 or 56 volts DC at the source location. The higher DC voltage means the current is reduced by a factor of 9 compared to 5 volts, and then carried with 90% less loss over the Ethernet cable from the source, the USB-C converter at the remote end allows you to extend the charge distance for this application up to 328ft or 100 meters.

Simple usage:
Step a) use an Ethernet cable to connect the RJ45 female of the GAT-USB-C to your PoE switch or injector up to 100 meter distance.
Step b) connect the USB-C output via a USB-C high current rated cable, to your device at short distance

Specifications

Data and Power source	RJ 45 female connector
DC output	USB-C connector
Data	10/100/1000mbit/s RJ45 Ethernet adapter needed
Data+Power input Pins (802.3at mode A or mode B, Class 4)	1&2 and 3&6 – either polarity 4&5 plus and7&8 minus
Input Voltage Max	Up to 57 volts
Input Current at 48v	600 mA input delivers 25 watts
Output Voltages	Autonegotiate (see table)
Internal Power usage	300 mW Keep Alive
Operating Temperature	0°C ~ 50°C
Size	76 x 44 x 23mm
Weight	3.5 ounces
LED status (on RJ45 connector)	Green – Power In Active Amber – Power Out Active
Isolation	3,000 volt isolation between PoE and power out

POE+ TO USB-C
UP TO 25W MAX OUTPUT
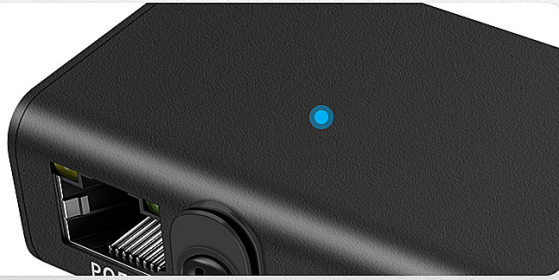
RJ45 POE IN
IEEE 802.3at

USB-C PD Output (Power)
Up to 25W

Charged

PoE+ Optimized Power

Delivery for USB-C Devices

SUPERIOR QUALITY

1

Aluminum Alloy Shell

Smooth and Sturdy

2

3 Installation Methods
the USB-C Cable(Not Included)

- Bracket/Clamp for USB-C cable
- Screw hole for a screw-in USB-C connector
- Corner screw to add your own screw-down brackets

3

LED Indicator
Informs Working Status

- ⬛ PoE Input Indicator (Yellow)
- ⬛ USB-C Output Indicator (Green)

POE

Devices -----------------

UNIVERSAL
Compatiblity

Apple iPad Pro, Air, Mini, and 10.2in

Microsoft Surface Go

Samsung Galaxy Tab

and more...

POE

USBC

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⚠ Warm Surface In Operation

FC 🏠 ▣ CE ☒

COMPACT DESIGN

Easy to carry and convenient to use

76mm/2.99in

22mm/0.86in

44mm/1.73in

USBC

POE

1/8
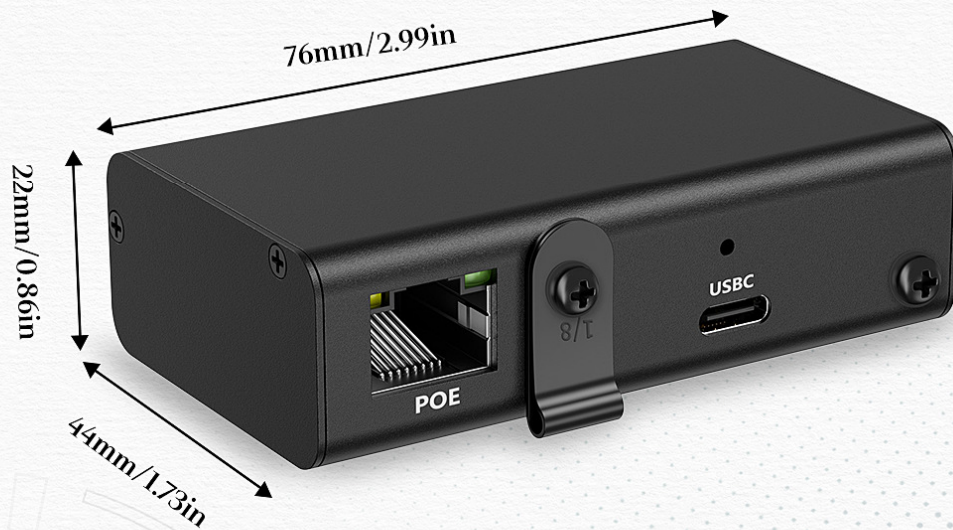
Size:76 x 22 x 44 mm

POE+ TO USB-C
POWER DELIVERY ADAPTER

Max 25 watts output available, compatible with

tablets,computers,and phones

Charged
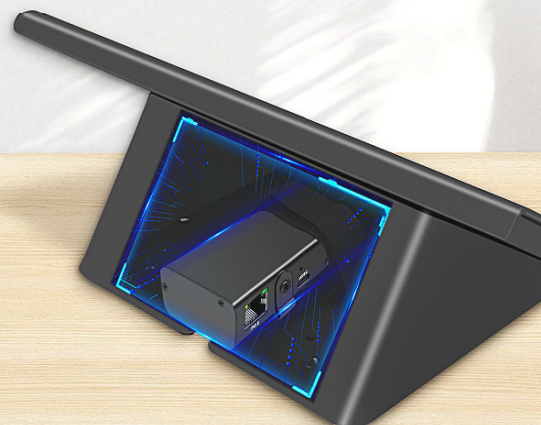
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Right Angle, USBC cable option,

Lightning cable option

Four Models:

	Data	Cable	Max Power
GAF-Lighting-PD-V4	Gbit	Lightning	10w
AT-USBC-Rev3	None	USBc	25w
GBT-USBC-PD	Gbit	USBc	65w
GAT-USBC-PD-V4	Gbit	USBc	23w