

10/100 Power over Ethernet Kit – 48V Injector and 5V/ 12V Splitter

POEKIT100

POESPLT100

POEINJ100



*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com

FR: Guide de l'utilisateur - fr.startech.com

ES: Guía del usuario - es.startech.com

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NL: Gebruiksaanwijzing - nl.startech.com

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

The POEINJ100 10/100 Mbps Power over Ethernet (PoE) injector converts standard 90V ~ 260V AC power into low-voltage DC power that can run over existing Cat5 or higher network cable to power IEEE 802.3af/at compliant network devices, or the POESPLT100 PoE Splitter.

The POESPLT100 splitter device separates the data and power connections received from the Injector device and offers a selectable 5V, 7.5V, 9V or 12V DC output switch allowing you to customize the power output to suit your requirements. Taking advantage of PoE technology lets you expand your technology infrastructure without the hassle or expense of running new electrical wiring.

Packaging Contents

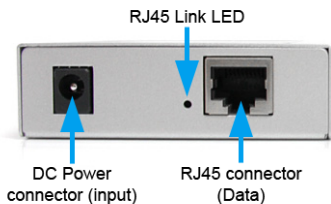
POEKIT100	POEINJ100	POESPLT100
1 x PoE Injector	1 x PoE Injector	1 x PoE Splitter
1 x PoE Splitter	1 x Power Adapter	1 x Power Output Cable
1 x Power Output Cable	1 x Instruction Manual	1 x Instruction Manual
1 x Power Adapter		
1 x Instruction Manual		

System Requirements

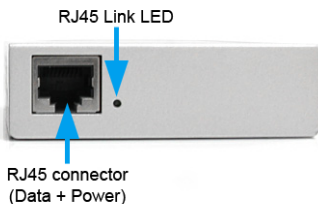
- RJ45 terminated Cat5 or higher Ethernet cabling
- 10/100 Mbps compatible Ethernet network
- Available AC power outlet for the POEINJ100 unit

Side View - POEINJ100

Input Side

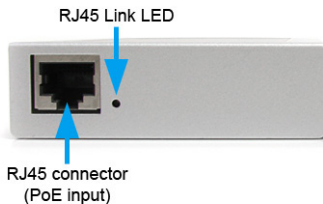


Output Side

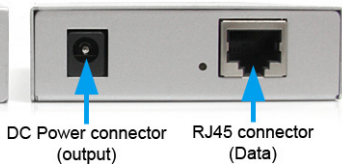


Side View - POESPLT100

Input Side



Output Side



Installation

PoE Injector (POEINJ100)

The injector should be on the side that does not require Power over Ethernet (source).

1. Connect the RJ45 Ethernet cable from the network device (i.e. computer, router, switch, etc) that does not require power over Ethernet to the "Data (In)" RJ45 connector on the input side of the PoE Injector unit.
2. Connect the included power adapter to the PoE Injector unit.
3. Connect an RJ45 terminated Cat5 or better Ethernet cable to the "Power + Data (Out)" connector on the output side of the PoE Injector unit. The other end of the cable will either connect directly to a PoE compliant device, or to a PoE Splitter in order to separate data and power again.

PoE Splitter (POESPLT100)

1. Connect the RJ45 Ethernet cable from the PoE injector unit (or other PoE Power Source device) to the "Data + Power (In)" RJ45 connector on the input side of the PoE Splitter unit.
2. Set the slide switch along the side of the PoE Splitter to the desired DC voltage output (5V, 7.5V, 9V, or 12V).
3. Connect an RJ45 terminated Cat5 or better Ethernet cable from the "Data (Out)" connector on the output side of the PoE Splitter to the network device (i.e. computer, router, switch, etc).
4. Connect the included Power Output Cable from the "Output Power" connector on the output side of the PoE Splitter to the DC power connector on the device you wish to have powered.

NOTE: The included power cable has a type N sized tip. If the device to be powered is not compatible with this tip size, a different cable will need to be sourced.

Specifications - POEINJ100

Compliant Standards	IEEE 802.3af IEEE 802.3at IEEE 802.3 IEEE 802.3u
Connectors	2 x RJ45 Ethernet female 1 x DC Power Type N
LEDs	2 x RJ45 Link
PoE Output	48V DC, 30W
Link Speeds	10/100 Mbps
Maximum Cable Length	100m / 330ft
Power Adapter	48V DC, 880mA, Type N Plug
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Humidity	10% ~ 90% RH
Dimension (LxWxH)	102.0mm x 75.0mm x 23.0mm
Weight	490g

Specifications - POESPLT100

Compliant Standards	IEEE 802.3af IEEE 802.3at IEEE 802.3 IEEE 802.3u
Connectors	2 x RJ45 Ethernet female 1 x DC Power Type N
LEDs	1 x RJ45 Link
PoE Input	48V DC, 30W
Power Output	5V / 7.5V / 9V / 12V DC, up to 19.2W peak
Link Speeds	10/100 Mbps
Operating Temperature	0°C ~ 45°C (32°F ~ 113°F)
Storage Temperature	-20°C ~ 90°C (-4°F ~ 194°F)
Humidity	10% ~ 90% RH
Dimension (LxWxH)	102.0mm x 75.0mm x 23.0mm
Weight	240 g

Technical Support

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Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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