

DATASHEET

Gigabit PoE Injector, 802.3at PoE+, with digital Input/Output

Reliable, standard-compliant power for PoE/PoE+ devices

Product Highlights

- Gigabit compatible
- Fully IEEE 802.3at standard compliant, IEEE 802.3af backward compatible
- Power on/off PoE output via digital input
- Monitor PoE device connected via digital output
- Extreme wide input voltage range to support battery or solar power

The avisec PoE+ injector is a unique high power PoE injector with an 802.3af/at compatible output which can get controlled and monitored via digital input/output.

Remote power on/off PoE output

The PoE output can get enabled/disabled through a digital input. The PoE+ injector can be extremely useful if used with 3G/4G mobile router to remote control PoE output. The PoE output can easily get enabled/disabled through an SMS if connected to a digital output of a 3G/4G router. This feature offers unique options to:

- Remote power on/off PoE device or to cold start PoE devices as required
- Power on/off PoE device by schedule based on 3G/4G router cron table configured

Monitor PoE output

The PoE+ injector offers a unique feature to easily monitor PoE output. This feature signals if a PoE device is connected. The PoE+ injector can be extremely useful if used with 3G/4G mobile router to remote monitor PoE output. Simply receive an SMS if a PoE device gets connected/disconnected. This feature offers easy troubleshooting or offers instant alarm if a PoE device gets connected/disconnected.

PoE+ injector for solar or battery powered solutions

The wide input voltage range from 5 to 36VDC makes this PoE injector extremely useful to power any PoE/PoE+ device from a large variety of battery or solar powered systems.



Specification

Power

Input voltage: 5 to 36 VDC or 48 to 56 VDC

Maximum output power: 30 W

Powered device can be up to 100m away from injector

Data

Supports 10/100/1000Base-T, full duplex

Digital input/output

Input: pull to VDC/GND to disable PoE+ out

Output: VDC if PoE device connected, GND if no PoE device connected

Environmental

Operating temperature: -40°C to 75°C / -40° to 167°F

Storage temperature: -40°C to 75°C / -40° to 167°F

Humidity: 5 to 90%, non-condensing

Additional features

Output short-circuit protected

Physical dimension

Size: 120mm x 95mm x 38mm

Weight: 170g

Mounting

DIN mount

Compatibility

Complies with IEEE 802.3af/at standard

Regulatory

EU: EN550032, EN550024, CE

Warranty

2 years' hardware warranty included

Package Contents

PoE+ Injector including DIN mount adapter

6-Pin connector

Ordering information

160347 PoE+ Injector DIN mount

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