Meraki 802.3af Power over Ethernet Injector
Datasheet

Reliable, standard-compliant power for your Meraki devices

Increased Flexibility, Reduced Installation Time and Cost

One of the main limitations in designing your wireless network is the availability of power. Running power cabling is also a primary cost driver of wireless installations. The Meraki PoE Injector allows delivery of both data and power to a Meraki access point over a single Ethernet cable, allowing deployment of devices exactly where they are needed to provide the best wireless coverage and at much lower installation cost.

The Meraki 802.3af PoE Injector provides fully compliant 802.3af detection, with disconnect, short-circuit and overload protection to ensure that only 802.3af devices receive power and non-compliant devices are not accidentally damaged.

Regardless of the deployment scenario, powering Meraki devices with 802.3af Power over Ethernet is a flexible and low-cost method to simplify the installation process while ensuring that network design is not compromised by power availability limitations.

Product Highlights

- Reduces cost and simplifies installations by eliminating need to provide separate power line

- Increases installation flexibility by powering devices from up to 100 meters away

- Fully 802.3af standard compliant

- Gigabit-compatible

- Power, load detection and fault diagnostic LEDs

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Specifications

Power
- Input voltage: 100 to 240 VAC
- Input current: 0.5A max. for 90 VAC, 0.35A max. for 240 VAC
- AC input frequency: 47-63 Hz
- Maximum output power: 19.6 W
- Powered device can be up to 100m away from power injector

Data
- Compatible with 10/100/1000 Mbit/s Ethernet, full duplex

Environmental
- Operating temperature: (32 to 104°F (0 to 40°C)
- Storage temperature: (-16 to 149°F (-30 to 65°C)
- Operating humidity: 5 to 90%

Additional Features
- Over-voltage and over-current protection
- Short-circuit protection

Physical Dimensions
- 5.98" x 2.56" x 1.42" (152 mm x 65 mm x 36 mm)
- Weight: 1.0 lb (450 g)

Mounting
- Mounts to walls (anchors and screws not included)

Compatibility
- Complies with 802.3af standard
- MR-Series access points

LED Indicators
- Input Power
- Fault
- Detected/connected to valid 802.3af load

Regulatory
- USA: FCC Part 15 Class B
- EU: EN55022 Class B

Warranty
- 1 year hardware warranty included

Ordering Information

POE-INJ-3-US	Meraki 802.3af Power over Ethernet Injector (US plug)
POE-INJ-3-EU	Meraki 802.3af Power over Ethernet Injector (EU plug)
POE-INJ-3-UK	Meraki 802.3af Power over Ethernet Injector (UK plug)
POE-INJ-3-AU	Meraki 802.3af Power over Ethernet Injector (AU plug)

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