



Passive 24V Fast Ethernet Power-over-Ethernet Adapter

The EnGenius Passive 24V Fast Ethernet PoE Adapter gives network administrators the flexibility to extend power to passive 24V PoE-compatible network devices in locations where power outlets may not be readily available, such as on ceilings or in crawl spaces, while also connecting them to the company network. By combining high-speed Fast Ethernet and power over the same CAT5/6 cable, the EPA2406FP ensures maximum device performance.

The EnGenius Passive 24V Fast Ethernet PoE Adapter supports high-speed data and up to 24-watts of power for Passive 24V-compatible devices, such as Access Points, IP Cameras or VoIP phones, up to 328-feet away over a single CAT5/6 cable for flexibility in deployment options.

Compact optimal port design provides easy, precise installation. With disconnect, short-circuit and surge protection, valuable equipment is guarded from power surges or short-circuits associated with lightning strikes and electrostatic discharge (ESD).

Features

- Passive 24V • Delivers both data & power to Passive 24V PoE-compatible APs/devices • EPA2406FP provides proprietary PoE power • Optimal port design for easy mounting/positioning • Compact design • Extends power to unwired areas up to 328-ft./100m • Fast Ethernet in & out ports for high-speed devices • Disconnect, short-circuit & surge protection ensures reliable, secure connections • Sends up to 14.4W/24V/0.6A of output power • Ideal for connecting APs, IP Cameras, VoIP phones & more
- Mounts to walls or ceilings with included hardware

Technical Specifications

Standards

802.3 10BaseT

802.3u 100BaseT

Proprietary PoE 24V

Maximum Output Power

14.4W

Compliance

IEC 60950-1:2005+A1

UL60950-1 ENS55022:2010

EN55024:2010

FCC Part 15 Class B FCC, CE

Physical Interface

(1) Fast Ethernet Data Port

(1) Fast Ethernet Data & Power Output Port

(1) IEC-320 C6 AC Connector

LED Indicator

1 x Power on Green



Technical Specifications continued

Mounting

Wall (anchors & screws included)

Power

Input Voltage

100 to 240VAC

Input Current

0.08A Max for 240VAC

AC Input Frequency

47-63Hz

Power Lines

Pin4, 5:54V, Pin7, 8:Return

Added Protection Features

Short-Circuit

Surge (over current/over voltage)

Environmental & Physical Temperature

Range

Operating: 32°F to 104°F (0°C to 40°C)

Storage: -22°F to 176°F (-30°C to 80°C)

Humidity (non-condensing)

Operating: 5 to 90% or less

Storage: 5 to 90% or less

Dimensions & Weights:

EPA2406FP Device

Weight: .33 lbs (149.6 g)

Length: 3.9" (99 mm)

Width: 2.27" (68.5 mm)

Height: 1.3" (33 mm)

Packaging

Weight: .57 lbs (258.5 g)

Length: 5.4" (139 mm)

Width: 4.8" (122.5 mm)

Height: 2" (52 mm)

Package Contents EPA2406FP

Fast Ethernet PoE Adapter

Power cord

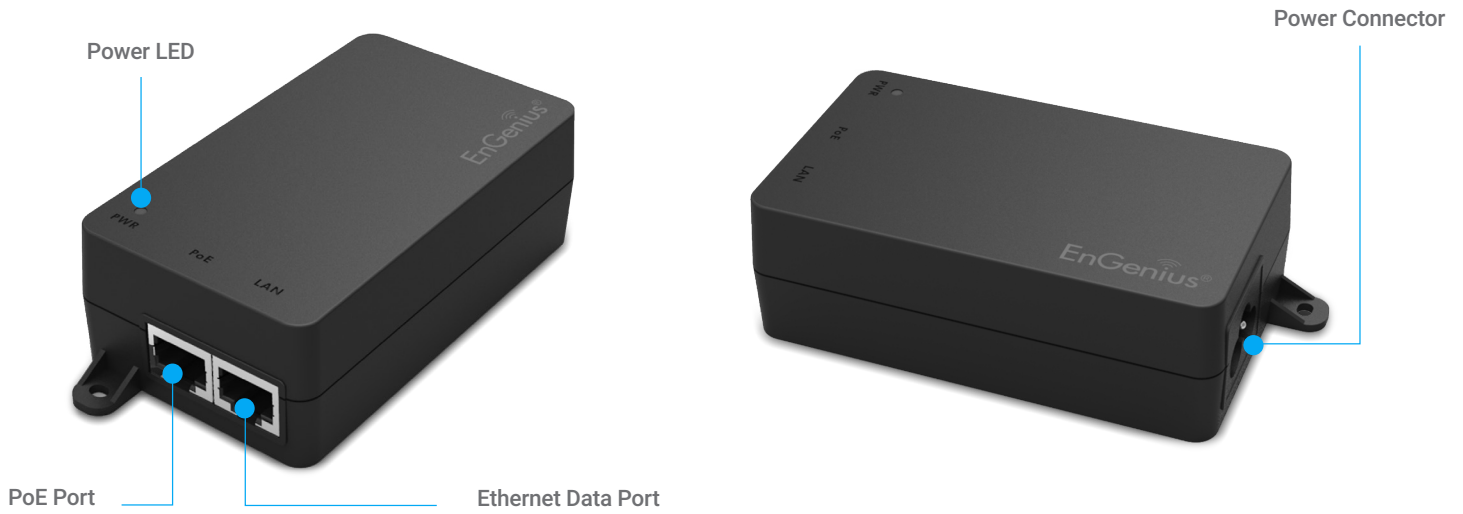
Warranty

1 Year

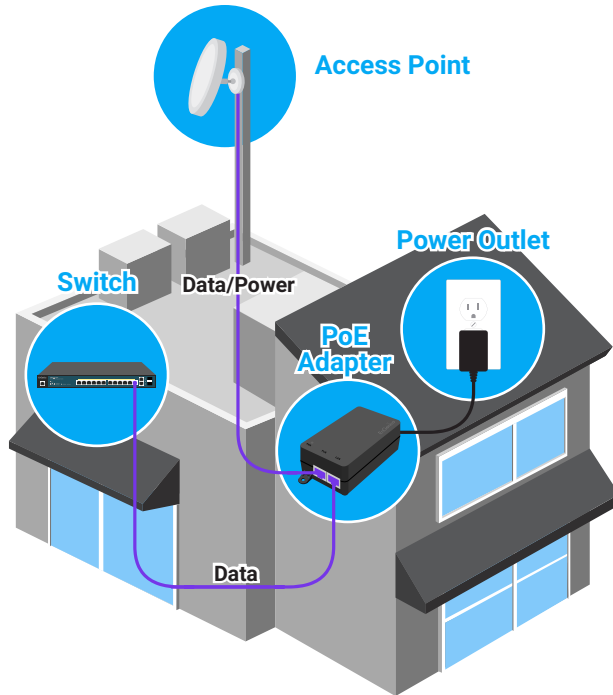
Compatible Products

Products	Product Description
ENS200(EXT)	2.4GHz N150 Outdoor CPE / Access Point (with RP-SMA Antenna)
ENS202(EXT)	2.4GHz N300 Outdoor CPE / Access Point (with RP-SMA Antennas)
ENS500(EXT)	5GHz N300 Outdoor CPE / Access Point (with RP-SMA Antennas)
ENH200(EXT)	2.4GHz N150 Outdoor CPE / Access Point (with RP-SMA Antenna Connection)
ENH202	2.4GHz N300 Outdoor CPE / Access Point
ENH500	5Hz N300 Outdoor CPE / Access Point
EnStation2	2.4GHz N300 Long Range Outdoor CPE / Access Point
EnStation5	5GHz N300 Long Range Outdoor CPE / Access Point

EPA2406FP Fast Ethernet PoE Adapter



EPA2406FP Fast Ethernet PoE Adapter Application



Maximum data rates are based on IEEE 802.11/802.3 standards. Actual throughput and range can vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment and mix of devices in the network. Features and specification subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. Copyright © 2017 EnGenius Networks Europe BV. All rights reserved.

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