EnGenius

Datasheet

EPA5006GP

Passive 54v Gigabit Power-over-Ethernet Adapter

The EnGenius Passive 54v Gigabit PoE Adapter gives network administrators the flexibility to extend power to passive 54v 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 Gigabit and power over the same CAT5/6 cable, the EPA5006GP ensures maximum device performance.

The EnGenius Passive 54v Gigabit PoE Adapter supports high-speed data and up to 32.8-watts of power for Passive 54v-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 54v
- Delivers both data & power to Passive 54v PoE-compatible APs/devices
- EPA5006GP provides proprietary PoE power
- Optimal port design for easy mounting/positioning
- Compact design
- Extends power to unwired areas up to 328-ft./100m
- Gigabit Ethernet in & out ports for high-speed devices
- Disconnect, short-circuit & surge protection ensures reliable, secure connections
- Sends up to 32.8W/54v/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
802.3ab Gigabit Ethernet
Proprietary PoE
Maximum Output Power
32.8W
Compliance
IEC 60950-1:2005+A1
UL60950-1
ENS55022:2010
EN55024:2010
FCC Part 15 Class B
FCC, CE
Physical Interface
(1) Gigabit Data Port
(1) Gigabit 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

0.8A Max for 100VAC

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:

EPA5006GP Device (Without Mounting Kit)

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

EPA5006GP Gigabit PoE Adapter

Power Supply

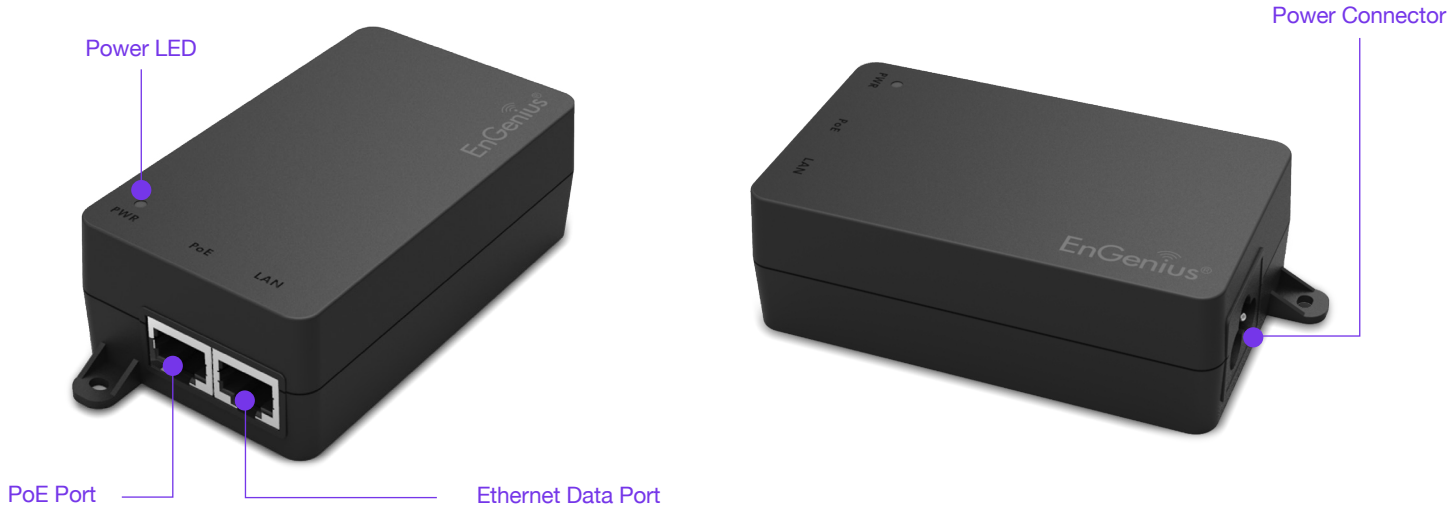
Warranty

1 Year

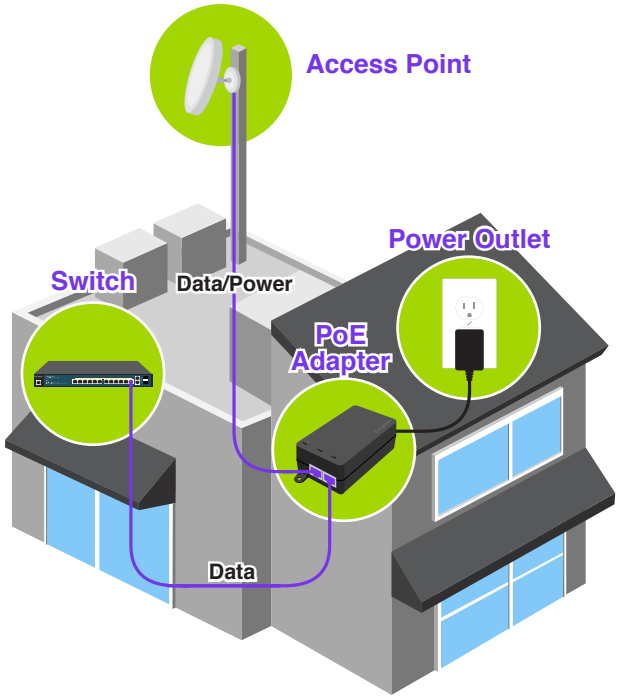
Compatible Products

Products	Product Description
EAP1750	Ceiling Mount Dual-Band Wireless AC1750 Access Point/Client Bridge
EAP1200	Ceiling Mount Dual-Band Wireless AC1200 Access Point/Client Bridge
EAP900	Ceiling Mount Dual-Band N900 Indoor Access Point
EAP600	Ceiling Mount Dual-Band N600 Indoor Access Point
EAP350	Ceiling Mount Dual-Band N300 Indoor Access Point
EAP300	Ceiling Mount Wireless N300 Indoor Access Point
ECB1750	Dual-Band Wireless AC1750 Indoor Access Point/Client Bridge
ECB1200	802.11ac 2x2 Dual-Band, High-Powered Wireless Access Point/Client Bridge
ECB600	Dual-Band Wireless N600 Indoor Access Point/Client Bridge
ECB350	Wireless N300 Indoor Access Point/Client Bridge with Gigabit
ECB300	Wireless N300 Indoor Access Point/Client Bridge
ENH1750EXT	Ruggedized 3x3 Dual-Band Wireless AC1750 Outdoor Access Point
ENH900EXT	Ruggedized 3x3 Dual-Band Wireless N900 Outdoor Access Point
ENH710EXT	Dual-Band Wireless N600 Outdoor Access Point
ENH220EXT	High-Capacity Wireless N300 Outdoor Access Point

EPA5006GP Gigabit PoE Adapter



EPA5006GP Gigabit PoE Adapter Application



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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 © 2015 EnGenius Technologies. All rights reserved.