



# 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



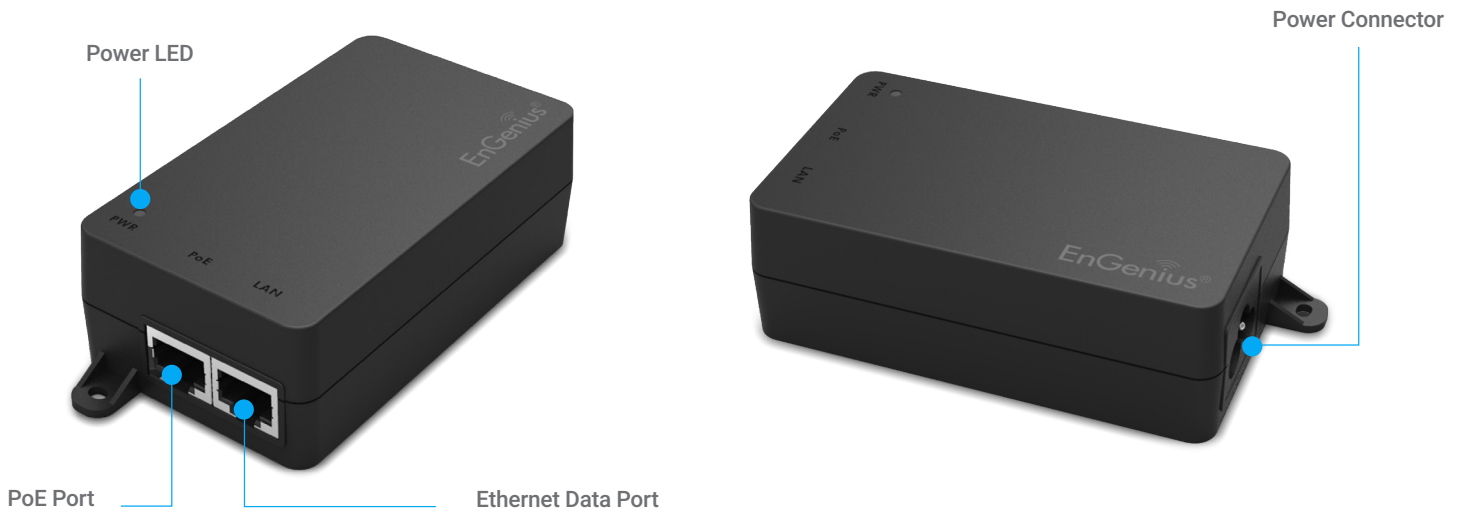
## Technical Specifications continued

<b>Mounting</b> Wall (anchors & screws included)	<b>Environmental &amp; Physical</b> <b>Temperature Range</b> Operating: 32°F to 104°F (0°C to 40°C) Storage: -22°F to 176°F (-30°C to 80°C)	<b>Packaging</b> Weight: .57 lbs (258.5 g) Length: 5.4" (139 mm) Width: 4.8" (122.5 mm) Height: 2" (52 mm)
<b>Power</b> <b>Input Voltage</b> 100 to 240VAC	<b>Humidity (non-condensing)</b> Operating: 5 to 90% or less Storage: 5 to 90% or less	<b>Package Contents</b> EPA5006GP Gigabit PoE Adapter Power Supply
<b>Input Current</b> 0.8A Max for 100VAC	<b>Dimensions &amp; Weights:</b> <b>EPA5006GP Device (Without Mounting Kit)</b> Weight: .33 lbs (149.6 g) Length: 3.9" (99 mm) Width: 2.27" (68.5 mm) Height: 1.3" (33 mm)	<b>Warranty</b> 1 Year
<b>AC Input Frequency</b> 47-63Hz		
<b>Power Lines</b> Pin4, 5:54V, Pin7, 8:Return		
<b>Added Protection Features</b> Short-Circuit Surge (over current/over voltage)		

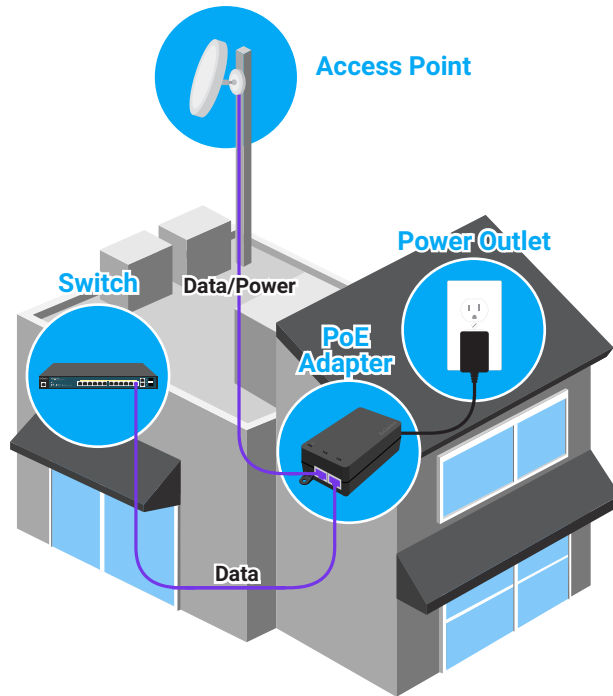
## Compatible Products

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

## EPA5006GP Gigabit PoE Adapter



## EPA5006GP Gigabit 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 © 2015 EnGenius Technologies. All rights reserved.

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