



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



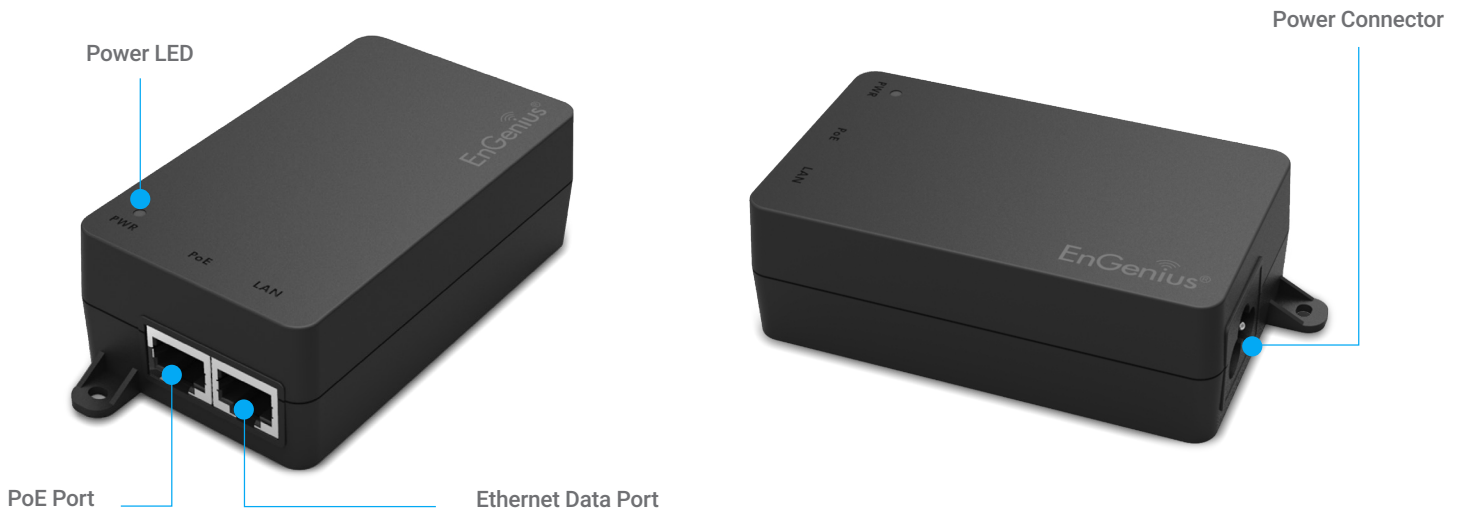
Technical Specifications continued

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

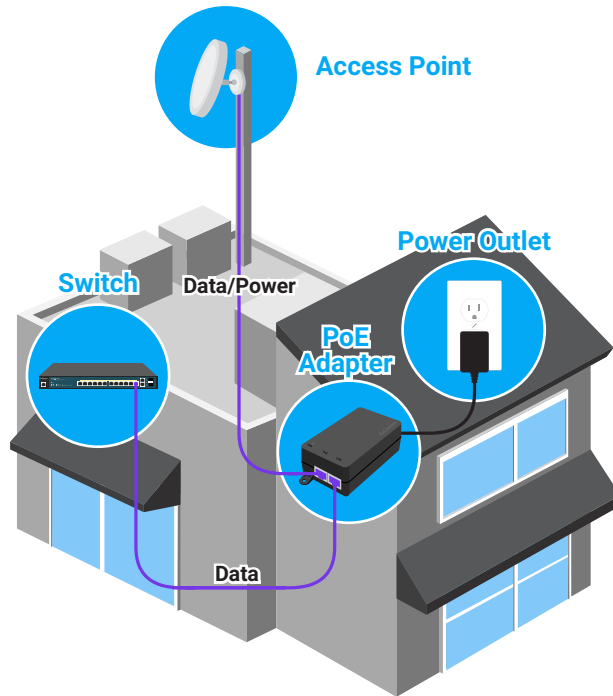
Compatible Products

Products	Product Description
EAP1300	Wi-Fi 5 Wave 2 AC1300 Indoor Wireless Access Point
EAP1300EXT	Wi-Fi 5 Wave 2 Indoor Wireless AP w/ High-Gain Antennas
EWS355AP	Wi-Fi 5 Wave 2 Managed Indoor Wireless Network Access Point
EWS357AP	Wi-Fi 6 Managed Indoor 2x2 Wireless Access Point
EWS377AP	Wi-Fi 6 4x4 Managed Indoor Wireless Access Point
EWS385AP	Wi-Fi 5 Wave 2 Tri-Band Managed Indoor Wireless Access Point
ECW120	Cloud Managed 11ac Wave 2 Indoor Wireless Access Point
ECW220	Cloud Managed Wi-Fi 6 2x2 Indoor Wireless Access Point
ECW230	Cloud Managed Wi-Fi 6 4x4 Indoor Wireless Access Point
ECW220S	Cloud Managed Wi-Fi 6 2x2 Indoor Wireless Security Access Point
ECW230S	Cloud Managed Wi-Fi 6 4x4 Indoor Wireless Security 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.

EnGenius Technologies | 1580 Scenic Ave. Costa Mesa, CA 92626

Email: partners@enginustech.com | Phone: 888-735-7888 | Website: enginustech.com

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