Datasheet

Key Features

- Passive 54V
- Gigabit-compatible
- Scalable installation by powering devices from up to 100 meter (328 feet) away
- Eliminate the installing cost and time easily

Passive 54V Gigabit Single Port PoE Adapter

EnGenius PoE Adapter is easily to power and to network over Ethernet for increasing scalability and reducing installation time and cost.

EPA series is a single-port Power over Ethernet (PoE) adapter for use with gigabit system. The ideal solution could assist installers to solve the limitation in designing networks is the availability of power source. The EnGenius PoE adapter allows delivery of both data and power to an Passive 54V – compatible Access Point or device over a single Ethernet cable, allowing deployment of them exactly when users needed to provide the best wireless coverage and at much lower installation cost.

Outdoor Networking Facility and Low Port Density Installations
The EPA5006GP PoE adapter is a Passive 54V , with disconnect, short-circuit and overload protection to assure the securable and reliable connection for Access Points or other PoE devices. By sending maximum 54V/0.6A output, Ethernet terminals which need more power such as wireless LAN high power device, IP media center, and web camera are powered remotely.

Product Specification

-Power	* Input Voltage: 100 to 240VAC * Input Current: 0.8A maximum for 100VAC * AC Input Frequency: 47-63Hz * Maximum Output Power: 32.8W * Pin4, 5: 54V; Pin7, 8: Return
-Data	* Compatible with 10/100/1000 Mbit/s Ethernet, full duplex
-Environment	* Operating temperature: 0 to 40°C (32 to 104°F) * Storage temperature: -30 to 80°C (-22 to 176°F) * Operating humidity: 5 to 90% under Non-Condensing
-Additional Features	* Over-voltage and over-current protection * Short-circuit protection
-Dimension	* 100mm x 58.4 mm x 33.4 mm (3.9" x 2.27" x 1.3") * Weight: TBD
-Physical Interface	* 1 x 10/100/1000 Data input; 1 x 10/100/1000 Data & power output * 1 x IEC 320C6 AC connector
-LEDs Indicators	* Power on : Green
-Mounting	* Mounts to walls (anchors and screws included)
-Regulatory	* IEC 60950-1:2005+A1 * UL60950-1 * EN55022:2010 * EN55024:2010 FCC Part15 Class B * AS/NZS60950-1
- Warranty	* 1 year hardware warranty

Ordering Specification

EPA5006GP-US	EnGenius Passive 54V Power Ethernet Injector (US plug)
EPA5006GP-EU	EnGenius Passive 54V Power Ethernet Injector (EU plug)
EPA5006GP-UK	EnGenius Passive 54V Power Ethernet Injector (UK plug)
EPA5006GP-AU	EnGenius Passive 54V Power Ethernet Injector (AU/NS plug)