

EPA2406FP

Passive 24V Compatible 10/100 Single Port PoE Adapter



Key Features

- Passive 24V
- 10/100 Ethernet Port-Compatible
- Scalable installation by powering devices from up to 100meter (328feet) away
- Eliminate the installing cost and time easily

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 a Passive 24V- 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 EPA2406FP PoE adapter is compatible with Passive 24V, with disconnect, short -circuit and overload protection to assure the securable and reliable connection for Passive 24V devices. By sending maximum 24V/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 0.4A maximum for 100VAC |
| | AC input Frequency 47-63Hz |
| | Maximum output power 14.4W |
| | Pin4, 5:24V; Pin7, 8: Return |
| Data | Compatible with 10/100 Mbit/s Ethernet, full duplex |
| Environment | Operating Temperature : 0°C to 40°C (32 to 104°F) |



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|---------------------|--|
| | Storage Temperature : -30°C 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 58.4mm x 33.4mm (3.9" x 2.27" x 1.3") Weight TBD |
| Physical Interface | 1 x 10/100 Data input 1x10/100 Data & power output 1x 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

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|---------------|---|
| EPA2406FP-US | EnGenius Passive 24V Power Ethernet Injector (US Plug) |
| EPA2406FP -EU | EnGenius Passive 24V Power Ethernet Injector (EU Plug) |
| EPA2406FP -UK | EnGenius Passive 24V Power Ethernet Injector (UK Plug) |
| EPA2406FP -AU | EnGenius Passive 24V Power Ethernet Injector (AU/NS Plug) |

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Maximum data rates are based on IEEE 802.11 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 specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. Copyright © 2015 EnGenius. All rights reserved.

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