

EPA5006GAT

802.3at/af Compatible Gigabit Single Port Poe Adapter



Key Features

- Fully 802.3at/af Compliant
- Gigabit 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 an 802.3at/af – 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 EPA5006GAT PoE adapter is fully compliance with 802.3at/af defection mechanism, with disconnect, short –circuit and overload protection to assure the securable and reliable connection for 802.3at/af devices. By sending maximum 30W 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 30W
	Pin4,5:54V; Pin7,8: Return
Data	Compatible with 10/100/1000 Mbit/s Ethernet, full duplex



Environment	Operating Temperature : 0°C to 40°C (32 to 104°F)
	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 10/100/1000 Data input 1x10/100/1000 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	
EPA5006GAT-US	EnGenius 802.3at/af Power Ethernet Injector (US Plug)
EPA5006GAT-EU	EnGenius 802.3at/af Power Ethernet Injector (EU Plug)
EPA5006GAT-UK	EnGenius 802.3at/af Power Ethernet Injector (UK Plug)
EPA5006GAT-AU	EnGenius 802.3at/af 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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