EnGenius

Datasheet

EPA5012GP EPA2410GP
EPA5006GP EPA2406GP
EPA5006GAT EPA2406FP

Enterprise-Class

Single Port Power-Over-Ethernet Adapter

Powered by EnGenius Single Port Power-over-Ethernet (PoE) adapter solution is ideal for installers to deploy PoE devices scalable, and to reduce maintenance cost and labor fee.

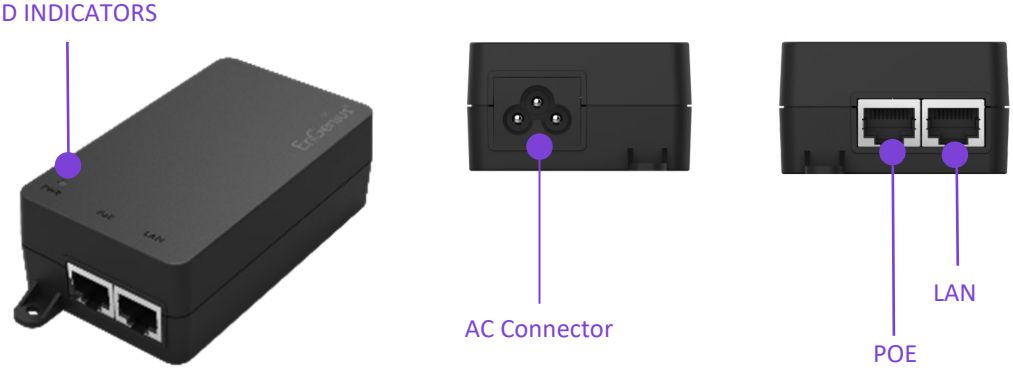
The ideal solution could assist installers to solve the limitation in designing networks is the availability of power source. The EnGenius PoE adapter allows delivery of both data and power to compatible Access Points or device over a single Ethernet cable, allowing deployment of them exactly when users needed to provide the best wireless coverage and at much lower installation cost.

Besides built-in networking facility, EPA series is also equipped with short-circuit and overload protection to assure the securable and reliable connection for Access Points or other PoE devices. By sending direct current (DC) output, Ethernet terminals which need more power such as wireless LAN high power device, IP media center, and web camera are powered remotely.

Features

- Scalable deployment by powering devices from up to 100 meter (328 feet) remote-end
- Significantly reduce maintenance cost and labor fee

Physical Interfaces



Technical Specifications Single Port Power-over-Ethernet (PoE) Adapter

Model	EPA2406FP	EPA2406GP	EPA2410GP	EPA5006GP	EPA5006GAT	EPA5012GP
Power Specification						
Input Voltage	100V~240V AC					
Input Current	0.4A @ 120V AC	0.4A @ 120V AC	0.7A @ 120V AC	0.8A @ 120V AC	0.8A @ 120V AC	1.12A @ 120V AC
AC Input Frequency	50-60Hz					
Max. Output Power	14.4W	14.4W	24W	32.8W	30W	60W
Power Line	Pin4(Vdc+)&Pin5(Vdc+); Pin7(Vdc-)&Pin8(Vdc-)					
Data Specifications						
Ethernet Ports Std.	10/100 Mbit/s	10/100/1000 Mbit/s				
Data Lines	Pin1(Rx+)&Pin2(Rx-); Pin3(Tx+)&Pin6(Tx-)					
Protection Level						
Surge Protection	L-L: 1KV; L-G: 2KV		L-L: 2KV; L-G: 4KV			
ESD	Contact 4KV; Air: 8KV					
Other Protection	Over-voltage and over-current protection; Short-circuit protection					
Physical Interfaces & Indicators						
Ethernet Ports	1 x Data input; 1 x Data & power output					
AC Connector	1 x IEC 320C6 AC connector (US, EU, UK, AU)					
LED Indicator	Power on : Green					
Mechanical & Environment						
Dimension	100mm x 58.4 mm x 33.4 mm (3.9” x 2.27” x 1.3”)					
Weight (Adapter Only)	112g (3.95oz)	112g (3.95oz)	144g (5.08 oz)	144g (5.08 oz)	154g (5.44 oz)	186g (6.56oz)
Temperatures	Storage : -20 ~ 70°C (-4 ~ 158 °F), Operation : 0 ~ 40°C (42 ~ 140 °F)					
Compliance Regulatory						
CB	IEC 60950-1: 2005+A1+A2					
UL	UL 60950-1 2nd					
FCC	FCC Subpart15 B					
CE	EN 55032:2012/AC:2013, EN 55024: 2010					
RCM	AS/NZS60950.1: 2011/Amdt 1: 2012					
Warranty						
1 year hardware warranty						

* EPA2406GP will be launched in Q1, 2017.

Compliant Models

Model	EPA2406FP	EPA2406GP	EPA2410GP	EPA5006GP	EPA5006GAT	EPA5012GP
Compliant AP List	ENS200(EXT) ENS202(EXT) ENS500(EXT) ENH200(EXT) ENH202(v2) ENH500(v2) EnStation2 EnStation5	ENS500-AC ENS500EXT-AC EnStation5-AC ENS200(EXT) ENS202(EXT) ENS500(EXT) ENH200(EXT) ENH202(v2) ENH500(v2) EnStation2 EnStation5	ENS620EXT	EAP300(v2) EAP350 EAP600 EAP900H EAP1200H EAP1750H ECB300 ECB350 ECB600 ECB1200 ECB1750 ENS1200 ENS1750 EnStationAC ENH220EXT ENH710EXT EWS300AP EWS310AP EWS320AP EWS350AP EWS360AP EWS370AP EWS371AP EWS500AP EWS510AP EWS650AP EWS660AP	EAP300(v2) EAP350 EAP600 EAP900H EAP1200H EAP1750H ECB300 ECB350 ECB600 ECB1200 ECB1750 ENS1200 ENS1750 EnStationAC ENH220EXT ENH710EXT EWS300AP EWS310AP EWS320AP EWS350AP EWS360AP EWS370AP EWS371AP EWS500AP EWS510AP EWS650AP EWS660AP	EWS860AP EWS870AP EWS871AP ENH900EXT ENH1750EXT

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