EPE-48GR

Datasheet



Key features

- Supported model: ENH210, ENH210EXT, ENH700EXT, EAP600, ECB600
- Gigabit PoE injector
- 802.3af/at standard
- Throughput up to 1000Mbps

The EPE-48GR is a small and compact standalone product. With the Power over Ethernet-function, it can easily extend the wired connection distance through the Ethernet cable which avoids the long power line and supports up to gigabit connection speed. The EPE-48GR offers 48V/0.8A power supply with standard pin definition of Ethernet cable.

The EPE-48GR PoE generates safe power over Cat5-cabling. By sending 48V, Ethernet terminals such as wireless LAN access point, IP phone, and web camera can be powered remotely. It is specially designed for outdoor networking facility with low port density installations.

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Product highlight

- Transform AC power to 48V DC power
- Inject 48V DC through CAT5 cable into remote devices such as wireless AP, web camera, or IP phone with link speed up to 1000Mbps.
- Output: 48V / 0.8A
- Supported model : ENH210, ENH210EXT, ENH700EXT, EAP600, ECB600

Product ID & cosmetic

- Brick type mechanical design with power indicator (Red LED).
- Dimension: 84 x 47 x 25mm

Accessories or sub-system

AC cord (USA/Europe/Japan plus are available)

Operation environment

Operation temperature 0°C~ +60°C
Storage temperature -40°C~ +80°C
Humidity 5% ~ 95% typical

Reliability

20,000 hours

RJ45 connector and pin out,

RJ45 output (Data & power) :

Pin	Symbol	Description
1	BI_DA+/VDC+	Transmit/Receive Data A + / Feeding Power (+)
2	BI_DA-/VDC+	Transmit/Receive Data A - / Feeding Power (+)
3	BI_DB+/VDC-	Transmit/Receive Data B + / Feeding Power (-)
4	BI_DC+/VDC+	Transmit/Receive Data C + / Feeding Power (+)
5	BI_DC-/VDC+	Transmit/Receive Data C - / Feeding Power (+)
6	BI_DB-/VDC-	Transmit/Receive Data B - / Feeding Power (-)
7	BI_DD+/VDC-	Transmit/Receive Data D + / Feeding Power (-)
8	BI_DD-/VDC-	Transmit/Receive Data D - / Feeding Power (-)

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