EPE-48GR

PoE Adaptor



PRODUCT OVERVIEW

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. EPE-48GR offers 48V/0.8A power supply with standard pin definition of Ethernet cable.

The EPE-48GR PoE generates safe power over category 5 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.

**Theoretical wireless signal rate based on IEEE standard of 802.11 b, g, n chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.*

*** All specifications are subject to change without notice*

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Datasheet
EPE-48GR

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 or			
- Supported model : ENH210, ENH210 EXT, ENH700 EXT, EAP600, ECB600			
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 (-)
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			

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