EPE-24R

PoE Adaptor



PRODUCT OVERVIEW

EPE-24R 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 which might bring dangerous and incident. EPE-24R offers 24V/1A power supply with standard pin definition of Ethernet cable.

Pin#1,2,3, and 6 with data transmission; pin # 4,5,7, and 8 with power enabled to device.

The EPE-24R PoE generates safe power over category 5 cabling. By sending 24V, some 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-24R

PRODUCT HIGHLIGHT			
- Transform AC power to 24V DC power.			
- Inject 24V DC through CAT5 cable, pin# 4,5,7,8 into remote devices such as wireless AP, web camera, or IP phone.			
- Output: 24V / 1A or 24V / 0.6A			
- Supported model : ENH200, ENH200 EXT, ENH202, ENH500, ENS200, ENS200 EXT, ENS202, ENS202EXT, ENS500, ENS500 EXT			
RJ45 connector and pin out		RJ45 output (Data & Power)	
	Pin	Symbol	Description
	1	Rx+	Data received
	2	Rx-	Data received
	3	Tx+	Data transmit
	4	Vdc+	Feeding power (+)
	5	Vdc+	Feeding power (+)
	6	Tx-	Data transmit
	7	Vdc-	Feeding power (-)
	8	Vdc-	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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