

# PRODUCT DATASHEET

## PoE Adaptor

NPE-4818

NPE-4818 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 avoid the long power line which might bring dangerous and incident. NPE-4818 PoE is compliant with 802.3af PoE solution, it offers 48V/0.375A 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 NPE-4818 PoE generates safe power over category 5 cabling. By sending 48V, Ethernet terminals such as wireless LAN access point, IP phone, and web camera are powered remotely.

It is especially design for outdoor networking facility and low port density installations.

### ● Product Highlight

- 1) Transform AC power to 48V DC power.
- 2) Inject 48V DC through CAT5 cable, pin# 4,5,7,8 into remote devices such as wireless AP, web camera, or IP phone.
- 3) Output: 48V / 0.375A
- 4) Follower 802.3af standard power pin definition
- 5) 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 (-)

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

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- **Product ID & Cosmetic**  
Brick type mechanical design with power indicator (Red LED).  
Dimension: 82 x 46 x 21mm
- **Accessories or Sub-system**  
AC cord (USA/Europe/Japan plug are available)
- **Operation Environment**
  1. Operation temperature: 0°C~ +60°C
  2. Storage temperature: -40°C~ +80°C
  3. Humidity: 5% ~ 95% typical
- **Reliability**  
20,000 hours