

Key features



- Gigabit PoE Injector (802.3Gaf)
- Compliant to 802.3af standard PoE
- DC: 48V, 12V power out to the device
- For device that do not support PoE function

The EPE-5818Gaf adopts LTC4263 in which with the functions of Power-over-Ethernet and power sourcing equipment. It is compliant with 802.3af PoE solution, and supports Gigabit Ethernet. The EPE-5818Gaf can easily extend the wired connection distance through the Ethernet cable and provide big bandwidth for heavy data transmission. The EPE-5818Gaf offers 48V/0.375A power supply with standard pin definition of Ethernet cable. Pin#1,2,3,6 with data transmission and pin#4,5,7,8 with power enabled to device. By sending 48V, Ethernet terminals such as wireless LAN access point, IP phone, web camera and so on are powered remotely. It is especially designed for outdoor networking facility and low density installations.

Product highlight

- Transform AC power (100~240V) to DC 48V, 0.375A output. Compliant with IEEE802.3af standard.
- Gigabit Ethernet provides big throughput up to 1000Mbps

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

Temperature range: Operating 0°C~60°C;
 Storage -20°C to 80°C
 Humidity (non-condensing): 5% 95% typical
 Dimensions: 82mm (L) x 46mm (W) x 21mm (H)
 Weight: 180g

Package content

- 1 * 802.3af Gigabit PoE injector (EPE-5818Gaf)
- 1 * 48V/0.375A Power adapter
- 1 * QIG

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 (-)