EnGenius® | DATASHEET

802.3af Gigabit PoE Injector			EPE-5818Gaf
IEEE802.3af	1000Mbps	Gigabit Ethernet	

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. EPE-5818Gaf can easily extend the wired connection distance through the Ethernet cable and provide big bandwidth for heavy data transmission.

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.

Package Content
- ➢ 1* 802.3af Gigabit PoE Injector (EPE-5818Gaf)
- ➢ 1* 48V/0.375A Power Adapter
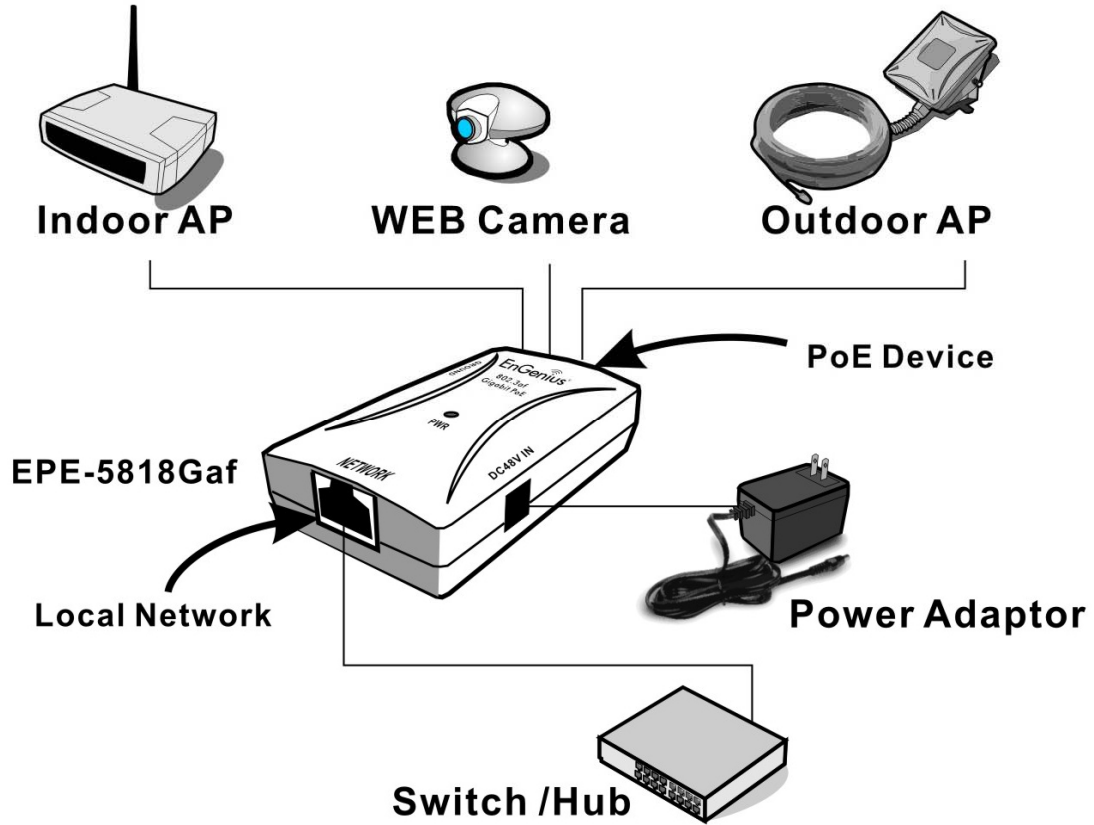- ➢ 1*QIG

Features and Specification

1. Transform AC power(100~240V) to DC 48V, 0.375A output.

2. Compliant with IEEE802.3af standard.

3. Gigabit Ethernet provides big throughput up to 1000Mbps.

4. Pin out of RJ-45

RJ-45 Pin-Out		
Pin	Symbol	Description
1	Rx+	Data Receive
2	Rx-	Data Receive
3	Tx+	Data Transmit
4	VDC+	Feeding Power(+) 0V
5	VDC+	Feeding Power(+) 0V
6	Tx-	Data Transmit
7	VDC-	Feeding Power(-) 48V
8	VDC-	Feeding Power(-) 48V

Environment & Mechanical

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

Application