

LAN-POWER

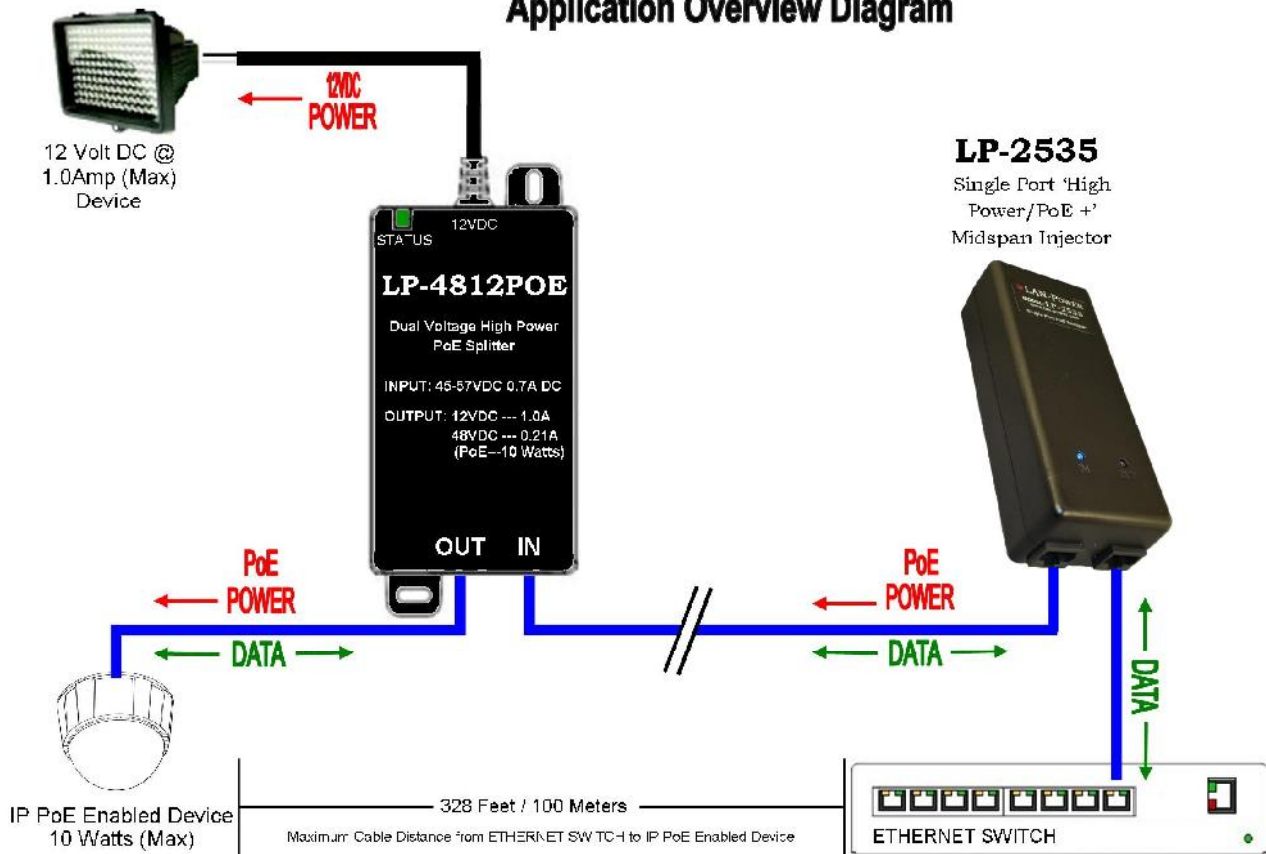
LP-4812POE Dual Voltage High Power Splitter

- Provides Dual Voltage outputs of:
 - 12VDC @1.0Amps
 - 10 Watts PoE Power
- Data Throughput of 10/100Mbps or 10/100/1000Mbps (Gigabit Compatible)
- Requires Power over Ethernet (PoE) input of 30 Watts Minimum
- Compatible with the LP-2535 Single Port 'High Power/PoE +' Midspan Injector



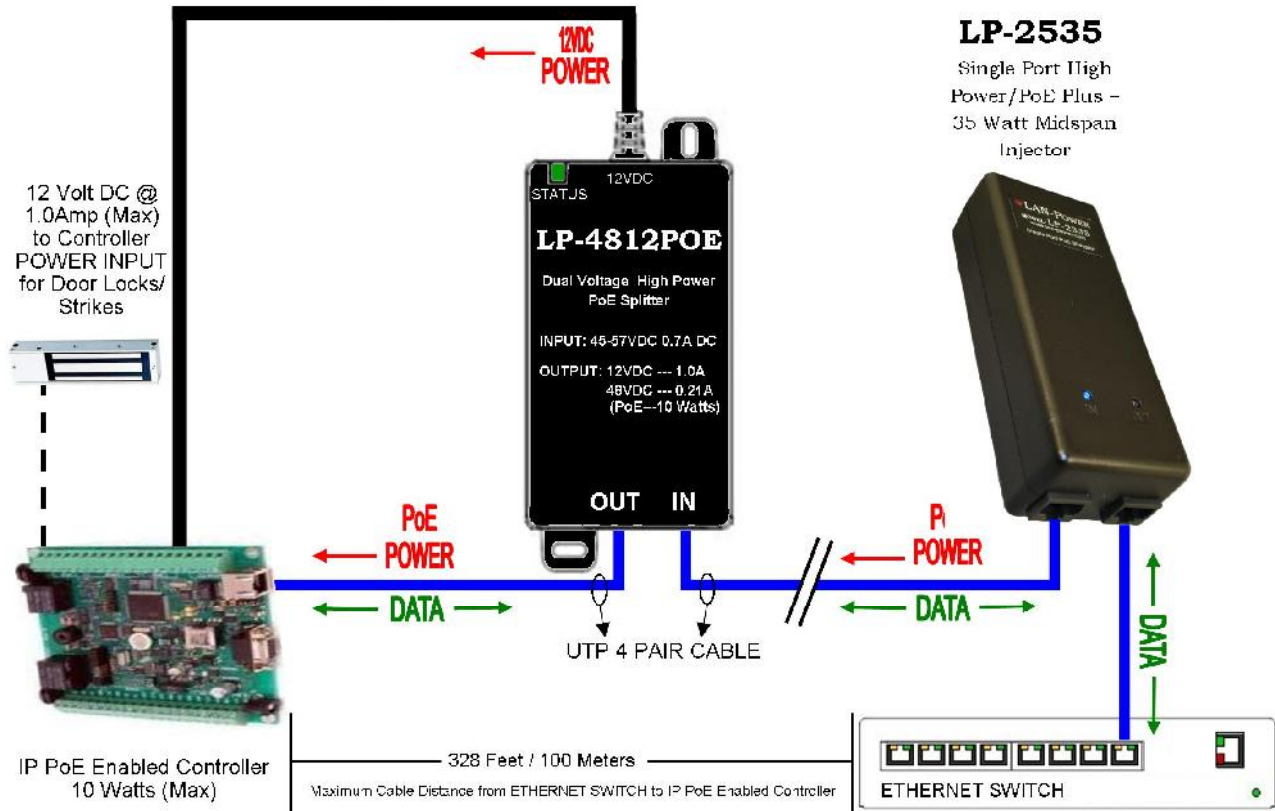
The LAN-Power **LP-4812POE** is a Dual Voltage High Power PoE Splitter. Most IP Network End Devices available are PoE Enabled which allows them to be powered on the same LAN Data Cable (CAT 5 or higher) which provides Data transmission. The **LP-4812POE** is designed for applications where the requirement is for a PoE enabled IP End Device to be provided with PoE power along with a complimentary, standard 12 Volt DC device (such as an IR Illuminator, Access Control Lock, Camera Housing Heater and/or Fan, etc) to be provided with standard 12VDC power. The **LP-4812POE** provides BOTH PoE Power Output (10 Watts) and 12VDC Power Output (1.0A DC). The **LP-4812POE** is powered by incoming High Power PoE (minimum 30 Watts required) and is compatible with the LP-2535 ('High Power/PoE +' 35 Watt Midspan Injector). This allows for a single LAN Data Cable (CAT 5 or higher) to be installed from the ULTRA PoE Power source to the LP4812POE, which could be located at the devices, and delivers sufficient power for BOTH End Devices and provides for Data transmission. The **LP4812POE** saves costs on applications in regards to installation time and eliminates the need/cost for additional standard 12vdc Power Supplies.

Application Overview Diagram



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Application Overview Diagram



Ordering Information

Model **LP-4812POE** Dual Voltage High Power Splitter

Environmental Specifications

Operating Temperature: 32° to 104°F / 0° to 40°C
 Non-Operating Temperature: -4° to 149°F / -20° to 65°C
 Relative Humidity: 5% to 90%

Ethernet Data Throughput Speeds

10 Mbs Ethernet and 100 Mbs Fast Ethernet and 1000 Mbs Fast Ethernet (Gigabit Compatible)

Connector Types:

PoE Input and PoE Output: RJ45 meets EIA 568A and 568B Standards
 12VDC Output: 2 Wire

Electrical Specifications and Properties

Power Input: 45-57 VDC 1.25A - Minimum 65 Watts (LP-2575 Compatible)

DC Power Output:

PoE OUTPUT: 10 Watts (0.21A) @ 42.5-57Vdc
 Voltage OUTPUT: 12Vdc 1.0A (12 Watts)
 Ripple: 120mV maximum at 25°C
 Efficiency: 75% minimum at maximum load (48V)

Over Voltage/Current, Short Circuit Protection

The output is equipped with short circuit protection and overload protection as per IEEE802.3af specifications and conforms to UL60950-2. The output can be shorted permanently without damage.

Unit Dimensions:

Length: 3 7/8" (100mm)
 Width: 2 1/5" (56mm)
 Height: 1 1/10" (28mm)
 Weight: 0.31 Lb. (0.14Kg)

