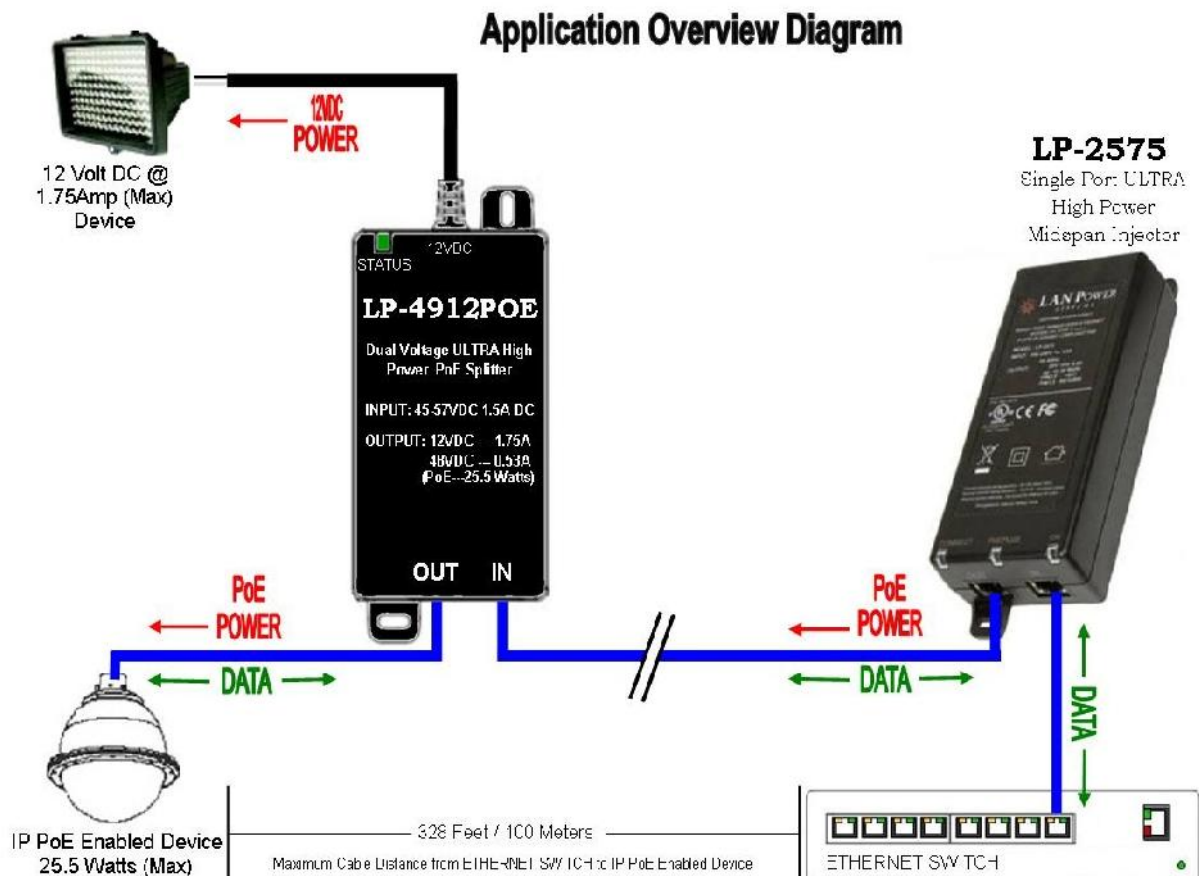


LP-4912POE Dual Voltage *ULTRA* High Power Splitter

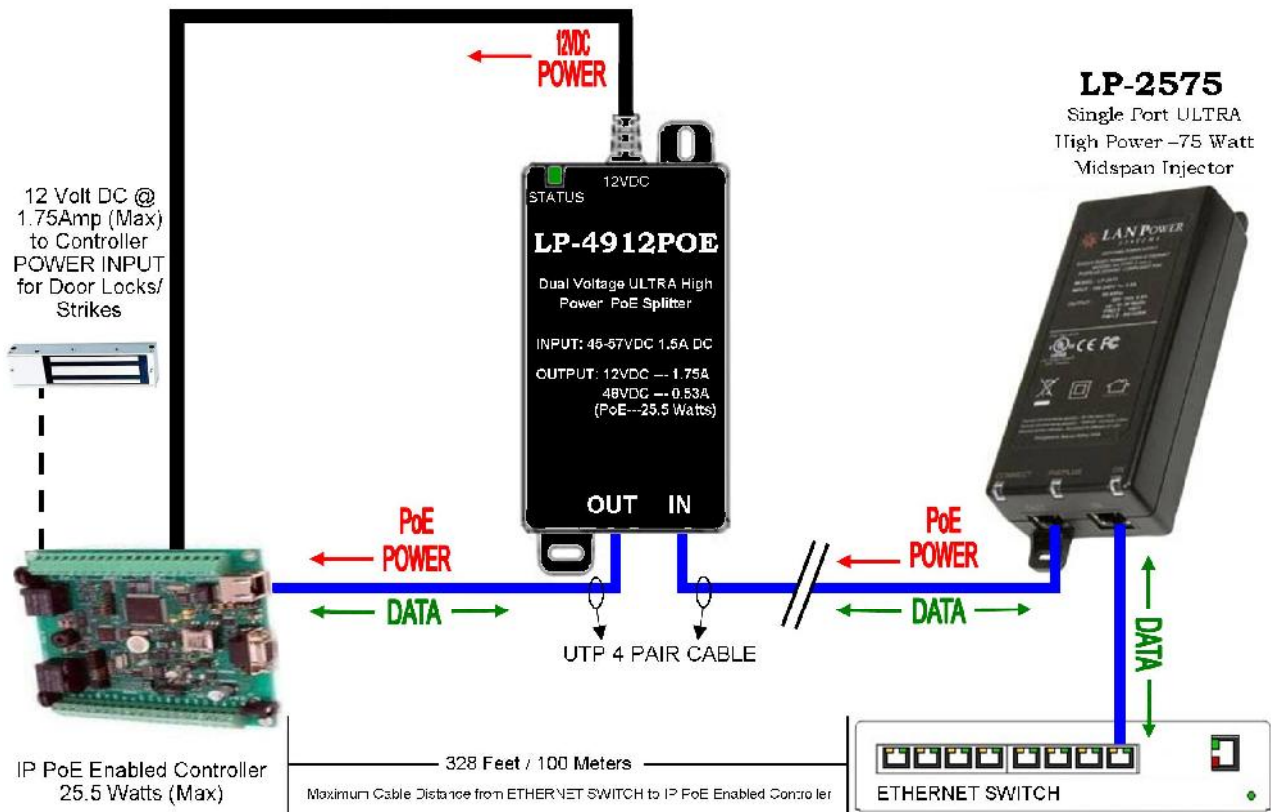
- Provides Dual Voltage outputs of:
 - 12VDC @1.75Amps
 - 25.5 Watts PoE Power
- Data Throughput of 10/100Mbps or 10/100/1000Mbps (Gigabit Compatible)
- Requires Power over Ethernet (PoE) input of 65 Watts Minimum
- Compatible with the LP-2575 Single Port *ULTRA* High Power Midspan Injector



The LAN-Power **LP-4912POE** is a Dual Voltage *ULTRA* 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-4912POE** 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-4912POE** provides BOTH PoE Power Output (25.5 Watts) and 12VDC Power Output (1.75A DC). The **LP-4912POE** is powered by incoming *ULTRA* High Power PoE (minimum 65 Watts required) and is compatible with the LP-2575 (*ULTRA* High Power 75 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 LP4912POE, which could be located at the devices, and delivers sufficient power for BOTH End Devices and provides for Data transmission. The **LP4912POE** saves costs on applications in regards to installation time and eliminates the need/cost for additional standard 12vdc Power Supplies.



Application Overview Diagram



Ordering Information

Model **LP-4912POE** Dual Voltage ULTRA 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: 25.5 Watts (0.53A) @ 42.5-57Vdc
Voltage OUTPUT: 12Vdc 1.75A (21 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)

