


## LP-2115 Single Port Wall Plug Power over Ethernet (PoE) Midspan Injector

- Output up to 15.4 Watts PoE Power continuously
- Cost Effective
- Compliant to  **IEEE 802.3af** PoE Standards



### Functions and Features

The LAN Power Model **LP-2115** Single Port PoE Midspan Wall Plug Injector supports powering IP 'PoE Enabled' End Devices. The Single Port PoE Midspan Wall Plug Injector adds up to 15.4 watts continuously at ~56 VDC to paired wires in a standard Category 5, 5e, or 6 Ethernet cable. The LP-2115 delivers both data and power over a single standard Ethernet cable to a PoE enabled End device designed to receive both Data and Power through its RJ45 connector. The second RJ45 passes data only through to Ethernet Switch (up to 100Mbps). The maximum cable distance from Ethernet Switch to end IP Device is 328 feet/100 meters.

Key Features of the Single Port PoE Wall Plug Injector include:

- Output Wattage is up to **15.4W** continuously
- Compliant to **IEEE 802.3af** Power over Ethernet Standards
- Cost Effective
- Data and Power carried on same Ethernet cable
- Supports Data links at 10Mbps or 100Mbps
- Surge Protection with over voltage current and short circuit protected (protects the Ethernet Switch)
- Extended Temperature operating range
- Multi-Color LED indicator shows powering status

- Wall Plug design with interchangeable AC Mains Clips for all countries (sold separately)
- Use with any PoE Compliant device including:
  - VoIP Phones
  - IP Security Cameras
  - Wireless LAN Access Points
  - Emerging PoE Products
- Full 2 Year Product Warranty

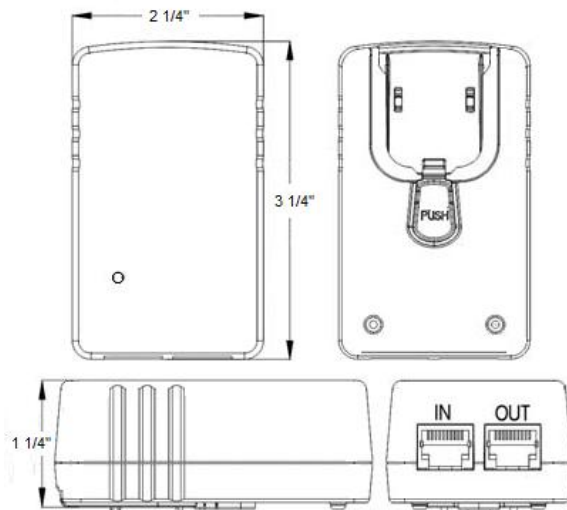
### Safety Approvals

- FCC
- CE
- UL/cUL



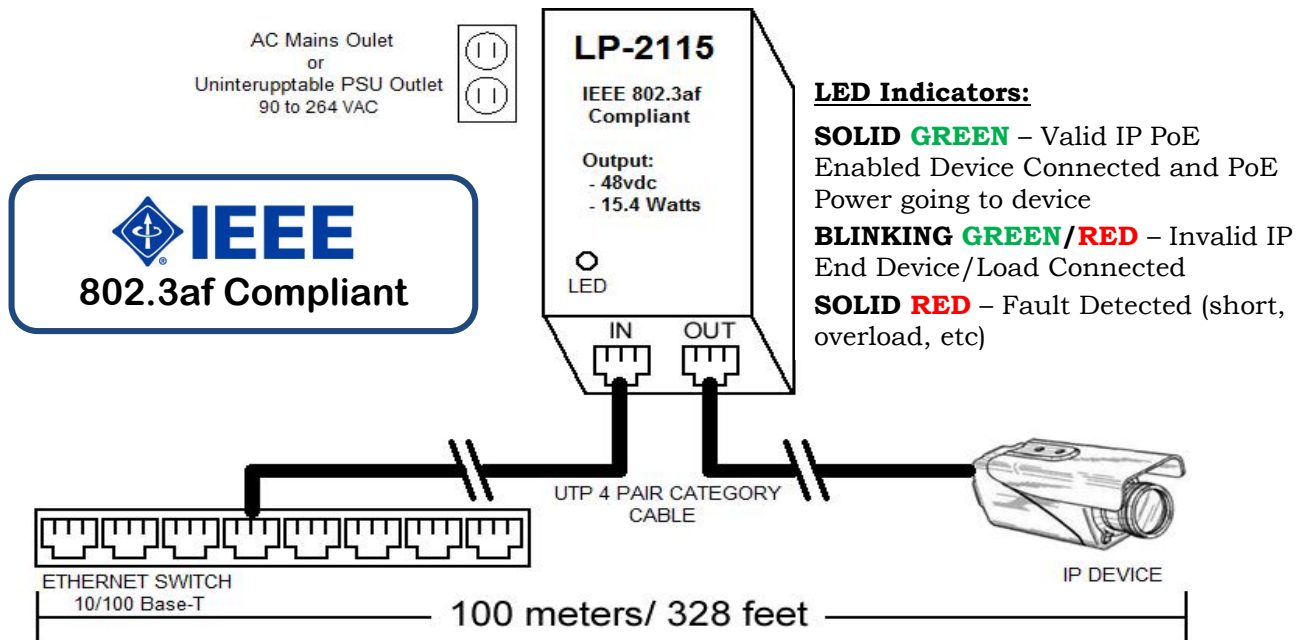
### Unit Dimensions

- Length: 3 1/4" (84mm)
- Width: 2 1/4" (50mm)
- Height: 1 1/4" (33mm)
- Weight: 3.35 oz. (95 grams)



# LAN-POWER

## INSTALLATION DIAGRAM



### LED Indicators:

- SOLID GREEN** – Valid IP PoE Enabled Device Connected and PoE Power going to device
- BLINKING GREEN/RED** – Invalid IP End Device/Load Connected
- SOLID RED** – Fault Detected (short, overload, etc)

### Ordering Info

Model **LP-2115** Single Port Wall Plug Injector

### Environmental Specifications

Operating Temperature: 32° to 104° F/ 0° to 40° C  
Storage Temperature: -13° to 149° F/ -25° to 65° C  
Relative Humidity: 5% to 90% non-condensing

### Ethernet Data Throughput Speeds

10 Mbs Ethernet or 100 Mbs Fast Ethernet supported

### Connector Type

Non-Shielded RJ-45 meets EIA 568A and 568B Connection Standards

Optional Mains Clips for Wall Injector (ordered separately)

Part Number	Country
LP-MCUK	United Kingdom
LP-MCEUR	Europe
LP-MCI	India
LP-MCC	China



### Electrical Specifications and Properties

#### AC Power Input

Voltage Range: 90 - 264VAC  
Voltage Rating: 100 - 240VAC  
Frequency Range: 47 - 63Hz  
Input Current: 0.8A (rms) maximum for 90VAC  
0.5A (rms) maximum for 240VAC  
Leakage Current: 0.25mA maximum @254VAC 60Hz

#### DC Power Output

PoE Protocol: IEEE 802.3af  
Power on Data Pins: 4 & 5 (+), 7 & 8 (-)  
Output Voltage: 56VDC  
Max. Power on Port: 15.4W (IEEE 802.3af PoE Standard)  
Load: 0A (Min.) 0.275A (Max.)  
Regulation (Line/Load): ± 4%  
Ripple and Regulation: 100mV maximum  
Efficiency: 75% typical at maximum load and 120VAC, 60Hz  
Hold-up Time: 16mS minimum at maximum load and 120VAC, 60Hz  
Transient O/P Voltage Protection: 60V maximum at switch on/off at any AC line phase

### 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.