


LAN-POWER

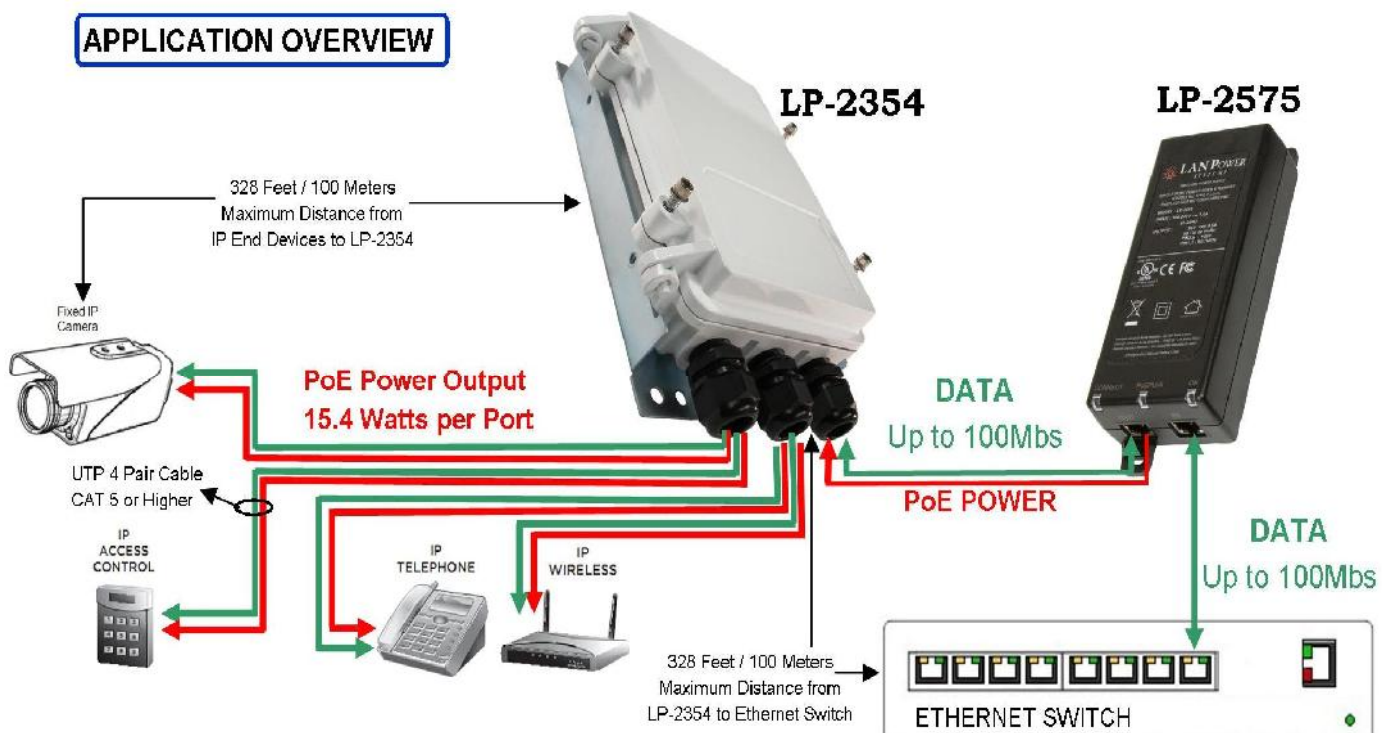
LP-2354 External 5 Port PoE Unmanaged 10/100Mbps Ethernet Switch/Ethernet Extender

- IP67 Rated Enclosure
- Four (4) 10/100Mbps Ports with Full PoE Power – up to 15.4 Watts per port
-  **IEEE** 802.3af Compliant
- One (1) Uplink Port – up to 100Mbps Data
- Ethernet Switch is DHCP enabled – No programming required
- Requires Power Supply – when used with LP-2575 Single Port ULTRA High Power Midspan Injector it is a **PoE Switch Powered by PoE** and Extends IP Power and Data to 650 Feet/200 Meters



The LAN-Power **LP-2354** is an External 5 Port PoE Unmanaged 10/100Mbps Ethernet Switch/Extender. The LP-2334 has 4 x 10/100Mbps Ports with PoE Power output of up to 15.4 Watts per port which are individually protected. In addition the LP-2354 has a 5th UPLINK Port capable of transmitting up to 100Mbps of Data. The LP-2354 utilises DHCP Technology which allows for the unit to be installed without any programming required. The DHCP Technology allows the unit to obtain an IP Address automatically from the Network thus no programming is required – simple installation. The LP-2354 is not supplied with a power supply unit. It can be powered by 2 different means of power – AC Mains Power Supply Unit (**LP-2304PSU**) or ULTRA High Power over Ethernet (**LP-2575**). When utilising the ULTRA High Power over Ethernet it allows for the IP Data and PoE Power to extend to 650 Feet/200 Meters with the first 328 Feet/100 Meters to utilise one CAT 5 (or higher) LAN Data Cable which carries the PoE Power and up to 100Mbps of Data. The LP-2534 is an IP67 Rated External Housing which comes with back mounting plate and 3 External Wiring Grommets.

PoE Switch POWERED by PoE



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This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.



www.lan-power.com



MODEL: **LP-2354**

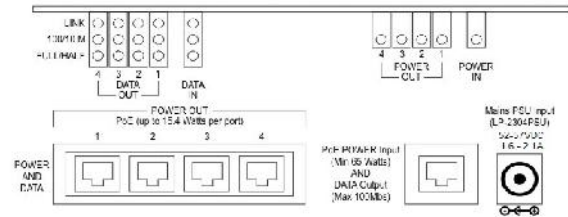
External 4 Port PoE Switch
and Ethernet Extender

INPUT: 45-57Vdc === 2.5A

POE OUTPUT: 52V === 0.30A

(per port) (up to 15.4 Watts per port)

ETHERNET SWITCH: 10/100Mbps
POE INPUT SIGNATURE RESISTANCE=12.5K
POE OUTPUT DETECTION RESISTANCE = 25K



LED Indicators:

POWER IN ON SOLID GREEN - AC Power (LP-2304PSU) or PoE Power of minimum 65 Watts (LP-2575) connected

PoE (15.4 Watts) POWER OUT ON SOLID GREEN - Port has detected IP End Device and PoE Power is being supplied

DATA IN ON SOLID GREEN - LP-2334 has detected Data **FLASHING GREEN** - LP-2334 has detected a Fault

DATA OUT - FULL/HALF ON SOLID GREEN - Full Duplex Data OFF - Half Duplex Data

DATA OUT - 100/10 Mbs ON SOLID GREEN - 100Mbps Data OFF - 10Mbps Data

DATA OUT - LINK FLASHING YELLOW - Ethernet/Data Activity

Ordering Information

Model **LP-2354** External 5 Port PoE Unmanaged 10/100Mbps Ethernet Switch/Extender - Requires Power Supply - Either ULTRA PoE (Minimum 65 Watts) **LP-2575** or AC Mains Power Supply **LP-2304PSU**

Environmental Specifications

Operating Temperature: -40° to 140°F / -40° to 60°C

Non-Operating Temperature: -40° to 185°F / -40° to 85°C

Relative Humidity: 5% to 90%

Ethernet Data Throughput Speeds

10 Mbs Ethernet and 100 Mbs Fast Ethernet

Connector Type

RJ45 meets EIA 568A and 568B Standards

Ethernet Data Throughput Speeds

10 Mbs Ethernet and 100 Mbs Fast Ethernet

Electrical Specifications and Properties

Power Input: Either PoE - Minimum 65 Watts (LP-2575) or AC Mains Power Supply/DC Power Adapter 48-56vdc 1.6-2.0A (LP-2304PSU)
Efficiency: 84% typical at full load and 48vdc

DC Power Output:

PoE Protocol: IEEE 802.3af Standard

Output Voltage: 48vdc

Maximum Power Per Port: 15.4 Watts

Over Voltage/Current, Short Circuit Protection
Each port 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: 11 4/5" (300mm)

Width: 8" (203.5mm)

Height: 3 1/4" (82mm)

Weight: 6.25 Lb. (2.83Kg)