

LP-2334 5 Port PoE Unmanaged 10/100Mbps Ethernet Switch/Ethernet Extender

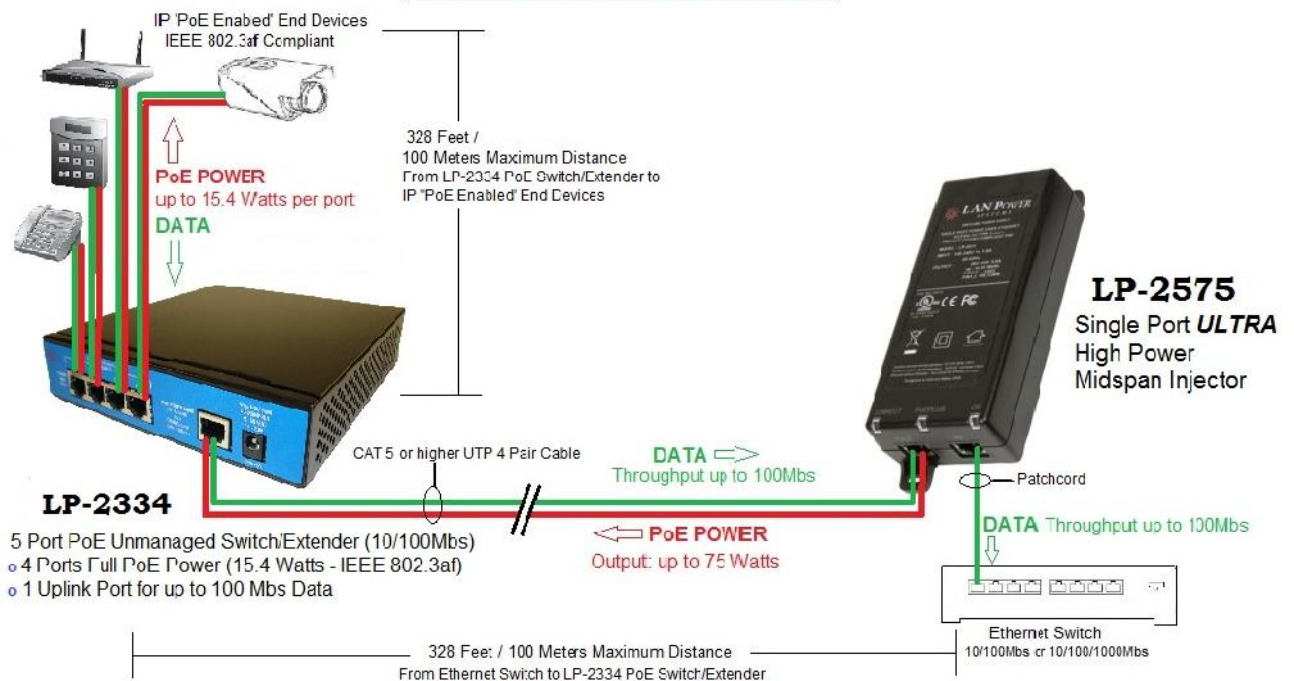
- Four (4) 10/100Mbps Ports with Full PoE Power – up to 15.4 Watts per port
- **IEEE** 802.3af Compliant
- One (1) Uplink Port – up to 100Mbps Data
- Ethernet Switch is DHCP enabled – No programming required
- Requires Power Supply – when used with LP-2575 Single Port ULTRA High Power Midspan Injector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



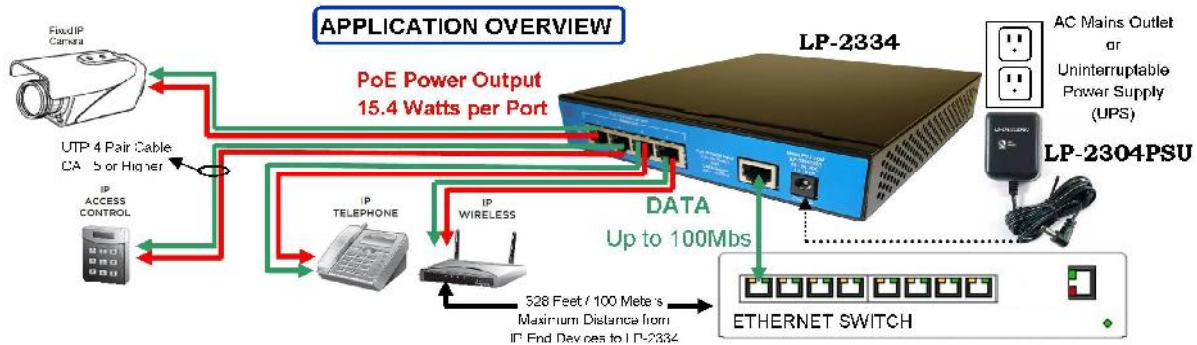
The LAN-Power **LP-2334** is a 5 Port PoE Unmanaged 10/100Mbps Ethernet Switch/Extender. The LP-2334 has 4 x 10/100Mbps Ports with PoE Power output of up to 15.4 Watts per port with each port individually protected. In addition the LP-2334 has a 5th UPLINK Port (RJ45) capable of transmitting up to 100Mbps of Data. The LP-2334 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** for the unit – simple installation. The LP-2334 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.

PoE Switch POWERED by PoE

APPLICATION OVERVIEW



LAN-POWER



LP-2334 powered by LP-2304PSU AC Mains PSU

IEEE
802.3af Compliant

PoE Power Output
15.4 Watts per Port

LP-2334 FRONT

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 - 100Mbs Data
OFF - 10Mbs Data
DATA OUT - LINK FLASHING YELLOW - Ethernet/Data Activity

LP-2334 BACK

NOTE: Either the **LP-2575** Single Port ULTRA High Power Midspan Injector **OR** the **LP-2304PSU** can be used to provide power to LP-2334 **(SOLD SEPERAETLY-NOT INCLUDED)**

Ordering Information

Model **LP-2334** 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**

Model **LP-2334ACKIT** is a Kit which consists of **LP-2334** with **LP-2304PSU** AC Mains Power Supply Unit

Environmental Specifications

Operating Temperature: -4° to 131°F / -20° to 55°C
 Non-Operating Temperature: -4° to 159°F / -20° to 71°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

Electrical Specifications and Properties

Power Input: Either PoE – Minimum 65 Watts (LP-2575) or AC Mains Power Supply/DC Power Adapter 48-56vdc 1.5-2.0A (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: 6 7/8" (174mm)
 Width: 6 1/10" (154mm)
 Height: 1 1/2" (38.15mm)
 Weight: 1.98 Lb. (0.9Kg)