

The U.S. Robotics Power over Ethernet (PoE) Kit provides an easy way to power the USR5450 Wireless Turbo Access Point, without adding an additional electrical outlet. Often the best locations for access points to provide optimal coverage for a given wireless implementation are in difficult to reach areas, with no obvious need for electrical outlets. Using the PoE Kit allows access points to be placed up to 300 feet away from an electrical outlet, using the Cat 5 Ethernet cable to carry both the data signals and electrical power.

U.S. Robotics®



Features and Benefits

Extend your Wireless Network without adding electrical outlets

Improved Wireless Network Design Flexibility

- Position access points anywhere in your building by providing power to the access point using the data cable
- Ideal for extending wireless networks to larger rooms, buildings and warehouses

Simple to Install

- Simply plug in Power Over Ethernet Injector, connect to Ethernet cable, and plug in Power Over Ethernet Splitter
- No software required

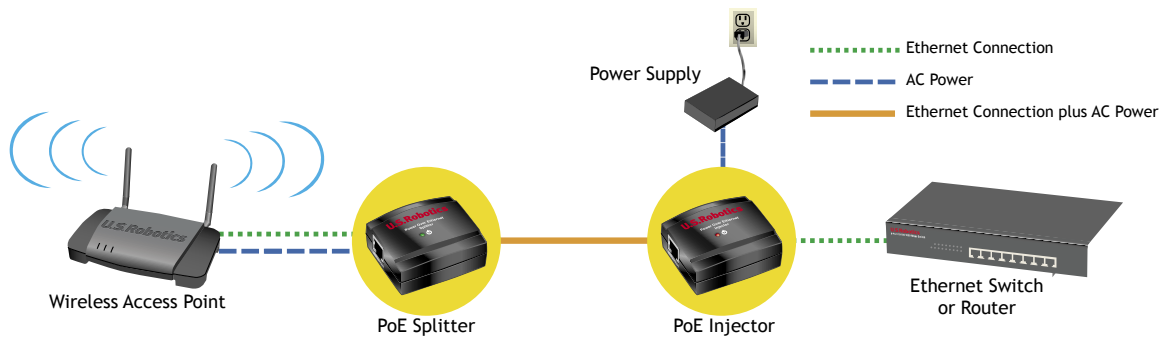
Compatibility

- Compatible with all wireless speeds supported by associated access point

Uses Existing Cabling

- No special cabling required — works over standard Ethernet CAT 5 cabling
- Extend wireless networks up to 100 meters without adding electrical outlets





USR5446 & USR805446 POWER OVER ETHERNET KIT

Specifications and Standards

- 10/100 Ethernet support: IEEE 802.3 10BASE-T & IEE 802.3u 100BASE-TX

PoE Injector

- DC Input: +45V-55V
- DC Output: +5V +/- 0.2V from no load to full load
- 2.5A Output Current, max.
- 2 RJ-45 connectors
- 48VDC female power jack

48V DC Power Adapter

- AC Input: 100-240VAC
- DC Output: +48V / 0.4A (max)

PoE Splitter

- 2 RJ-45 connectors
- 5VDC male power jack

Protection Function

- Over-current Protection: 3.0A (minimum), 4.0A (typical), and 5.0A (maximum)
- Short-circuit Protection
- Thermal Protection

Environmental

- Operating
 - o Temperature: 0~40°C (32~104°F)
 - o Relative humidity: 20%~90% non-condensing
- Storage
 - o Temperature: -25~85°C (-13~185°F)
 - o Relevant humidity: 0%~90% non-condensing

Regulatory

- EMI - FCC Class B
- Safety - UL, CUL
- EMI & Safety - CE Class B

Dimensions/Weight

- 9.375 x 7.5 x 2.625 inches (24 x 19.1 x 6.7 cm)
- 1.2 lbs (.54 kg)

Language Support

- Retail box: English, French, German, Spanish, Italian, Dutch
- Install & User guides: English, French, German, Spanish, Italian, Dutch, Portuguese, Czech, Polish, Russian, Hungarian, Turkish

Minimum Systems Requirements

- Works with Model 5450 Access Point or compatible 5V Ethernet enabled device
- CAT 5 Ethernet cabling

Package Contents

- Power Over Ethernet Injector with 48VDC power connector
- Power Over Ethernet Splitter
- Power adapter
 - o NA wall cord (USR5446)
 - o UK and European wall cords (USR805446)
- Ethernet cable
- Quick Installation Guide
- User Guide
- Support and regulatory CD-ROM
- Power cable

Warranty

- 2-year limited manufacturer warranty from date of purchase

IC Approved
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