



# 820 Pro PoE ETHERNET EXTENDER KIT

The Next Generation  
Broadband



## Enable-IT 820 Pro Ethernet Extender Kit



- Voice
- Video
- Data

**Extends Full-Duplex Ethernet almost triple the typical reach of 328ft or 100m**

**Small footprint for simple installation**

**Saves costs of re-wiring and expensive LAN equipment**

**Plug and Play installation allows rapid connectivity of your extended network**

**Install PoE device up to 900ft / 275m away from your power source with Ethernet LAN data.**

The Enable-IT™ 820 Pro Ethernet Extender Kit has been the world's only first and simplest solution to combine Voice, Ethernet and PoE all into one simple product for PoE IP Camera Extension or PoE WiFi Access Point Extension since 2003. With more installs worldwide than competitors combined.

This is Professional Grade, certified - Made in the USA equipment that your business and your reputation can rely on. Beware of cheap Chinese knock off products that have been found containing backdoor security breach firmware. Invest wisely and protect your LAN data.

This unit is ideal for installing any PoE powered equipment such as WiFi Wireless Access Points, IP Security cameras or remote access controls. They solve the high costs associated with stretching your backbone with traditional fiber or a series of hubs/repeaters and power requirements for your equipment.

**Extends your existing PoE and Ethernet signal up to 900ft / 275m.**

The 820 Pro unit is a single unit, Ethernet line driver that utilizes existing 2-pair wiring to extend your Ethernet LAN data and voice line p to 900ft / 275m. With your own PoE source you can supply Power over Ethernet up to 900ft / 275m over 4-pair copper wiring. No power required at the remote end, No Firmware to upgrade or manage. The 820 Pro unit is easy to install with plug and go RJ-45 LAN Ethernet jacks to quickly insert your wiring and go.

**Made in the USA with quality and pride - the only manufacturer to do so in this industry.**

### HIGHLIGHTS

- Superior performance and lowest cost over any competing technology.
- Longest warranty protection exceeding any knockoff competitors.
- Broadband Ethernet Technology that delivers extender Ethernet over existing 2-pair or 4-pair wiring up to 900ft / 275m including an active phone line.
- Provides one scalable infrastructure for Internet access, phone, VoIP, video, and virtual private networking.
- Quick install RJ-45 connection to infrastructure for voice in and voice & data.

### FEATURES & SPECIFICATIONS

#### Features:

- Drive Ethernet LAN Data up to 900ft / 275m over any 2- pair minimum copper or aluminum wiring
- Drive PoE and Ethernet LAN up to 900ft / 275m over any 4-pair copper or aluminum wiring
- Supports active telephone line simultaneously
- Sustained 15Mbps full-duplex service
- Supports VoD (Video on Demand & VoIP (Voice over IP)
- Network Equipment independence – Transparent to protocols, applications and MAC addresses
- Ruggedized metal casing for durability – Professional Business Grade

#### Specifications:

Power: **820 Pro unit:** 5v – 2A DC country specific AC switching wall adapter included (120~260VAC)

LAN interface: (1) RJ-45 Standard 10 Base TX  
Voice Line: (1) RJ-11 – telephone line port

#### Dimensions:

Height: 1" (25mm)  
Depth: 3.25" (82.6mm)  
Width: 4.25" (108mm)

#### Functionality:

Data Rates: 15Mbps Full Duplex  
Max Distance: 900ft / 275m

#### Environment

Temperatures  
Operating Temp:  
-49°F to 168°F (-45°to 76°C)  
Humidity  
5% to 90%, non-condensing

