



# ENABLE-IT 865 PoE PLUS & ETHERNET EXTENDER KIT

## The Next Generation Broadband

### Enable-IT 865 PoE Plus and Ethernet Extender Solution



Enable-IT 865 CO Unit PoE & Ethernet Extender with Interlink RJ-11 Dongle

- Voice
- Video
- Data
- PoE Plus

**Extends Full-Duplex 100MB Ethernet up to 3,500'/1,067m to a self powered (PoE) CPE unit and up to 2,500'/672m to a PoE WiFi AP, IP Camera or PoE Device**

**Small footprint and standard RJ-45 interfaces for simple installation**

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

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

**Made in the USA**



The Enable-IT™ 865 Single-Line Ethernet Extender Kit is the world's only available solution to deliver Voice, Data and PoE in a combined package that exceeds the IEEE distance limitations for all Ethernet equipment and 802.3at PoE Plus. The 865 enables the simple installation of a PoE device up to 2,500ft (762m) From your LAN and Power Source. This is ideal for installing PoE IP Security cameras or PoE WiFi Access Points or for a standalone remote self powered LAN up to 3,500ft (1,067m).

These extenders drive the reach of Ethernet to more than (10.7) ten times the typical Ethernet distance. 2,500ft/762m distance if using the PoE power to drive up to a 24v PoE device or 3,500ft/1,067m distance if using the PoE power standalone for the remote 865 CPE device only and LAN2 output for data/voice. The 865 kit can even be used on live voice wiring transparently; try that with your expensive LRE. No other Ethernet Extender manufacturer supports voice over the same pair of wire with data and PoE. Only Enable-IT extenders can. **Made in the USA with quality and pride - the only manufacturer to do so in this industry.**

### FEATURES & SPECIFICATIONS

#### Features:

- Extends standard Ethernet Networks 10.7 times beyond the 328ft or 100m limitation of twisted pair Ethernet
- Includes 56v PoE Plus Injector to power remote unit at 3,500' or power a second PoE device up to 2,500'
- Supports digital VoD channels
- 100 Mbps full-duplex service
- RJ-45 ports for PoE & LAN
- Single RJ-11 POTS port (telephone)
- MPEG over IP support

#### Specifications:

LAN interface: Quad RJ-45 100Mbps  
One with PoE support

#### Dimensions:

Height: 1.5" (38mm)  
Length: 5.75" (146mm)  
Width: 3.75" (95mm)

#### Functionality:

Up to 700ft (200m) - 100Mbps  
700ft(200m) to 1,350ft (400m) - 90Mbps  
1,350ft (400m) to 1,970ft (600m) - 70Mbps  
1,970ft (600m) to 2,625ft (800m) - 52Mbps  
2,625ft (800m) to 3,280ft (1000m) - 42Mbps  
3,300ft (1005m) to 6,000(1,828m) - 30Mbps

Distance 3,500ft/1,067m standalone  
2,500ft/672m PoE device

#### Interfaces

865 Units – (4) RJ-45 ports  
100Mbps Ethernet w PoE  
865 Interlink port  
(1) RJ-11 line POTS

#### Environment

Temperatures

Operating Temp:

-49°F to 168°F (-45°to 76°C)

Storage Temp:

-49°F to 168°F (-45°to 76°C)

Humidity

5% to 95%, non-condensing

### HIGHLIGHTS

- Reverse polarity support for (Cisco & Motorola) PoE equipment
- Broadband Technology that delivers extended Ethernet & PoE over existing 2 pair telephone wiring or better up to 2,500ft (672m); including active telephone (POTS) line.
- Quick install RJ-45 connection to infrastructure for voice in and voice & data out.
- Quad LAN ports on each end to eliminate the need for LAN switches.
- RJ-45 LAN interfaces and cabling