



# ENABLE-IT 865 PTZ PRO PoE+ & ETHERNET EXTENDER KIT

The Next Generation  
Broadband

## Enable-IT 865 PTZ PoE+ and Ethernet Extender Solution



- Voice
- Video
- Data
- PoE+

**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 PTZ Pro 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 over 2 pair copper wiring minimum. 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. **1,500ft/468m** distance if using the Axis P Series PTZ IP camera. 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
- MPEG over IP support

#### Specifications:

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

#### Dimensions:

Height: 1.5" (38mm)  
Length: 4.26" (108.2mm)  
Width: 3.5" (88.9mm)

#### 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  
1,500ft/468m Axis P Series  
PTZ Camera

#### 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.

