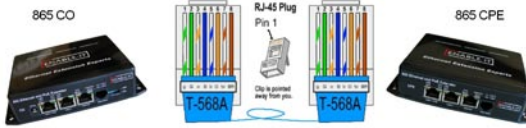




# 865 - ETHERNET & POE EXTENDERS

## The Next Generation Broadband

### Enable-IT 865 LRE & PoE Solution



- Voice
- Video
- Data
- PoE

**Extends Full-Duplex  
100MB Ethernet up to  
2,500'/762m to a self  
powered (PoE) CPE unit  
and up to 1,500'/458m  
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 Ethernet and PoE 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 802.3af PoE. The 865 enables the simple installation of a PoE device up to 1,500ft (458m) 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 2,500ft (762m).

#### HIGHLIGHTS

- Extends Ethernet LAN cabling 7.7 times the IEEE restrictions to self powered units via PoE
- Can drive your Remote PoE device and LAN data up to 1,500ft/458m – ideal for PoE IP Cameras and PoE WiFi Access Points
- Broadband Transport for delivering Voice, Data, Video over any CAT rated or telephone cabling
- Can be used on all LAN devices including switches, routers, hubs, gateways and end nodes
- Rapid and Easy Installation using RJ-45 LAN interfaces and cabling

#### FEATURES & SPECIFICATIONS

##### Features:

- Extends standard Ethernet Networks 6 times beyond the 328ft or 100m limitation of twisted pair Ethernet
- Includes 48v PoE Injector to power remote unit at 2,000' or power a second PoE device up to 1,000'
- Supports digital VoD channels
- 100 Mbps full-duplex service
- Single RJ-45 port for PoE & LAN
- Single RJ-11 POTS port (telephone)
- MPEG over IP support

##### Specifications:

LAN interface: Dual 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 2,000ft(610m) - 75Mbps

Max Distance 2,500ft/762m standalone  
1,500ft/458m PoE device

##### Interfaces

865 Units – (3) RJ-45 ports  
100Mbps Ethernet w PoE  
865 Interlink port  
(1) RJ-11 Dual line POTS

##### Environment

##### Temperatures

##### Operating Temp:

-20° to 70°C/-4° to 160°F

##### Storage Temp:

25° to 70°C/-13° to 160°F

##### Humidity

5% to 95%, non-condensing

