ENABLE-IT 865 POE PLUS & ETHERNET EXTENDER KIT

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

865 Ethernet and PoE Extender

LAN 1 / PoE   LAN 2   LAN 3   LAN 4   Interlink   CPE

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.**

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.

▪ RJ-45 LAN interfaces and cabling

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
                      Two 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 LAN 1
                      & LAN 2 PoE
                      (1) RJ-45 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

Option 1 – Normal Remote PoE+ use up to 2,500ft

865 Ethernet Extender Kit

Your Ethernet LAN

360 60v PoE+ Injector

865 CO unit
(4 LAN ports)

PoE+ and 100Mbs Ethernet
up to 2,500ft / 762m (2, 3 or 4-pair wiring)

865 CPE unit
(4-pair PoE – LAN1
2-pair PoE on LAN2)

2-pair PoE IP Camera

2-pair PoE IP Camera