



The Next Generation  
Broadband

# 860 PRO GIGABIT ETHERNET EXTENDER



## Enable-IT 860 PRO Gigabit Ethernet Extender



- Voice
- Video
- Data

**Extends Full-Duplex  
1000MB Ethernet up to  
6,000' or 1,828m**

**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**

**Interlink cabling can  
be CAT rated or  
untwisted copper  
wiring such as  
electrical, telephone or  
other utility wiring**

**Lifetime Product  
Warranty**



The Enable-IT 860 PRO Gigabit Ethernet Extender kit are the highest speed professional grade copper extenders in the industry today. They drive industry standard Ethernet signals to over twenty times the restricted IEEE standard Ethernet distance. This cost-effective solution eliminates many of the limitations and high costs for extending LAN cabling today.

The 860 PRO Gigabit Solution is a pair of Ethernet line drivers that utilize an existing 1-pair or #24 AWG Telco wiring or better between each 860 PRO Gigabit Ethernet Extender.

### HIGHLIGHTS

- Extends 1000MB Ethernet 20x the IEEE specs for Ethernet distance
- Enables Ethernet connectivity to LAN's at a fraction of the previously costly fiber options
- Broadband Transport for delivering Voice, Data, Video over 1 pair CAT 2 or up to 4 pair CAT 5-7 cabling
- Can be used on all LAN devices including switches, routers, hubs, gateways and end nodes
- Mixed Digital Voice, Data, Video over existing telephone copper
- Rapid and Easy Installation on any copper wiring – using RJ-45 LAN interfaces
- Actual 1-pair wire throughput maximum is 260Mbps to Gigabit LAN ports.

### FEATURES & SPECIFICATIONS

#### Features:

- Extends standard Ethernet up to 20x beyond the 328ft or 100m limitation of twisted pair Ethernet over existing 1-pair phone wiring or better
- Supports digital VoD channels
- 1000 Mbps full-duplex service on LAN
- Quad RJ-45 Gigabit Ethernet ports
- MPEG over IP support

#### Dimensions:

Height: 1.4" (35mm)  
Depth: 3.4" (86mm)  
Width: 4.4" (111mm)

Max Distance 1,828m / 6,000ft

#### Interfaces:

860 Units – (4) 1000Mbps Ethernet  
(1) RJ-45 Interlink port  
(1) 5v DC Input jack

#### Environment:

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

