



860 PRO GIGABIT ETHERNET EXTENDER

The Next Generation Broadband



Enable-IT 860 PRO Gigabit Ethernet Extender



- Voice
- Video
- Data
- PoE

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 T-568A, T-568B or untwisted copper wiring such as electrical, telephone or other utility wiring

Pass-through PoE capability up to 1,500ft with customer's existing PoE source (LAN 1 / 2)

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 10baseT and 1000baseT 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 19x 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

FEATURES & SPECIFICATIONS

Features:

- Extends standard 1000baseT Ethernet 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
- Quad RJ-45 1000MB Ethernet ports
- MPEG over IP support

Specifications:

LAN interface: Quad RJ-45 1000Mbps

Dimensions:

Height: 1.4" (35mm)

Depth: 3.4" (86mm)

Width: 4.4" (111mm)

Functionality:

Up to 700ft (200m)	- 1000Mbps
700ft (200m) to 1,350ft (400m)	- 900Mbps
1,350ft (400m) to 1,970ft (600m)	- 700Mbps
1,970ft (600m) to 2,625ft (800m)	- 520Mbps
2,625ft (800m) to 3,280ft (1000m)	- 420Mbps
Up to 6,000ft (1,828m)	- 300Mbps

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

