



Enable-IT 828 Gigabit Ethernet Extender

The Next Generation Broadband



828 Gigabit Extender



- Voice
- Video
- LAN
- PoE+

Extends Full-Duplex 1000MB Ethernet with PoE+ up to 2,000' or 610m

Small footprint for simple installation

Saves costs of re-wiring and expensive LAN equipment or fiber installs

Plug and Play installation allows rapid connectivity of your extended network

Connects to your PoE switch natively to quickly extend Ethernet and PoE up to 6 Times previous limits out 2,000ft or 610m.

The Enable-IT™ 828 Gigabit Ethernet and PoE+ Extension Unit is the world's First copper Gigabit solution in the industry today. It can be used with your existing PoE switch, PoE injector or purchased as a kit with the Enable-IT 360 PoE+ (56V) Injector. The standalone 828 can drive incremental Gigabit Ethernet and your PoE to 240m or 800ft. This cost effective unit blows away any previous solution including fiber for very quick plug and go installation of PoE IP cameras, PoE Access Points and remote LAN segments.

The 828 Series Solution is a standalone PoE+ powered Gigabit Ethernet Repeater that doubles the range of your Gigabit Ethernet to an unpowered remote location. This is ideal for installing high powered PoE+ cameras remotely using only a CAT5e or CAT6 rated 100m cabling. You can also daisy chain (4) 828 units to reach 610m / 2,000ft to power a 36v PoE device easily.

HIGHLIGHTS

- Extends Gigabit Ethernet 5x the IEEE specs for Ethernet distance
- Enables Gigabit Ethernet & PoE+ connectivity to LAN's at a fraction of the previously costly fiber options
- Extreme Broadband throughput for delivering Voice, Data, Video over CAT 5/6 cabling with 56V PoE+
- Designed for installing PoE IP Cameras up to 500m distance
- Supports IEEE 802.3af and IEEE 802.3at natively

FEATURES & SPECIFICATIONS

Features:

- Extends standard 1000baseT Ethernet 6x beyond the IEEE barrier of 328ft or 100m with PoE+ 56V over CAT5e/6
- 1000 Mbps full-duplex service
- Cisco PoE Compatible
- Daisy chain up to (4) 828's to 610m
- Only Gigabit Extender in the Industry
- Ideal for deploying High Def IP Cameras requiring Gigabit throughput at distance.
- Complete Unit does not require any additional equipment or converters. You supply the PoE or can be used with Enable-IT 350 48V PoE injector or Enable-IT 360 PoE+ 56V Injector.

Specifications:

LAN interface: Dual PoE Out - RJ-45 -1000Mbps

Dimensions:

Height: 1.4" (38mm)
 Depth: 2" (60mm)
 Width: 3" (85mm)

Functionality:

800ft (240m)	- 1000Mbps
984ft (300m)	- 1000Mbps
1,312ft (400m)	- 1000Mbps
2,000ft (610m)	- 1000Mbps

Environment

Operating Temp: -45° to 76°C/-49° to 168°F
 Humidity: 5% to 95%, non-condensing

