



Enable-IT 864P 4-Port PoE Mini Ethernet Extender DSLAM

The Next Generation
Broadband



Enable-IT 864 DSLAM



- Voice
- Video
- Data
- PoE



Extends Full-Duplex
100MB Ethernet up to
6,000' or 1,828m

Extends 802.3af / at PoE
up to 1,500ft / 458m to
remotely powered CPE &
PoE devices

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

The Enable-IT 864 4-Port PoE Mini Ethernet Extender DSLAM We took the standard Enable-IT 865 kit and built an unmanaged (4) four port PoE Mini DSLAM that still delivers the highest throughput Ethernet Extender solution on the planet, bar none. This DSLAM is ideal for deploying reliable and easy to install Extended Ethernet Networks to multiple locations on any copper wiring rapidly.

The 864 utilizes an existing 2-pair or #24 AWG Telco wiring or better between the 864 DSLAM and each 865 CPE device. Extends PoE up to 1,500ft / 458m over a minimum of 2-pair wiring to the remote CPE device and your end units.

HIGHLIGHTS

- Extends 100MB 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 CAT 3 or CAT 5/6 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 100baseT Ethernet 19x beyond the 328ft or 100m limitation of twisted pair Ethernet over existing 2-pair phone wiring or better
- Supports digital VoD channels
- 100 Mbps full-duplex service
- Dual RJ-45 100MB Ethernet ports
- Quad RJ-45 Interlink ports
- MPEG over IP support
- Extends PoE up to 2,500ft / 762m to remote 865 CPE devices

Specifications:

LAN interface: Dual RJ-45 100Mbps

Dimensions:

Height: 2.55" (65mm)
Depth: 5.5" (139.7mm)
Width: 8" (203.2mm)

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
Up to 6,000ft (1,828m)	- 30Mbps

Max Distance 1,828m / 6,000ft Data
458m / 1,500ft PoE

Interfaces

864 - (2) 100Mbps Ethernet LAN
(4) RJ-45 Interlink port

864 CPE - (4) 100Mbps
Ethernet LAN
(1) RJ-45 Interlink port

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

