

870 Gigabit PoE CPE



- **4-Port switch**
- **2 or 4 pair PoE**
- **Self powered**

Extends Gigabit Ethernet up to 2,500' or 762m

Can be used with 3600R or 3400R rackmount 8-port PoE Injector to reach 4,000ft / 1.2km

Saves costs of re-wiring and expensive LAN equipment

Plug and Play installation allows rapid connectivity of your extended network



The Enable-IT 8955 8-port Gigabit PoE Extension DSLAM is a web manageable solution that drives Ethernet and PoE up to 2,500ft or 762m distance over a 2-Pair (4 wire) telephone line wiring or better. Perfect for multi-unit structures such as Hotels, Cabins, Office complexes, Apartments, Campus Dormitories, Ski Resorts, Stadiums, Shopping Malls and Cruise Ships.

The 8955 uses two dedicated 61W PoE injectors split between the 8 870 Gigabit PoE CPE units. Or for more power to support high powered end PoE devices the 8955 can be used with the rackmount 8 port 1600W or 488W PoE Injectors from Enable-IT. The 8955 aggregates its upstream and downstream bandwidth through dual dedicated Gigabit ports (either copper or GBIC fiber module) to your Ethernet switching equipment or routers. These DSLAM units offer a significant cost savings for deploying multiple Ethernet Extension runs from a single location and can be rackmounted for convenience.

The EoVDSL (Ethernet over VDSL2) provides up to 260Mbps Full-duplex capability that enables many Multi-Media services such as IPTV, VOD (Video on Demand), Voice over IP, and Video cameras - triple play support for any device.

HIGHLIGHTS

- Superior gigabit performance over any competing technology.
- Longest warranty protection included exceeding any knockoff competitors.
- Put your PoE devices up to 2,500ft / 762m
- Quick install RJ-45 jack to infrastructure for voice & data/PoE out.



FEATURES & SPECIFICATIONS

Features:

- Extended Gigabit Ethernet with PoE over 2 pair existing Telephone wiring or category rated wiring.
- Rapid LAN style installation RJ45 jacks - no programming required.
- Supports VoD (Video on Demand) and MPEG IP channels.
- Supports VLAN : Port-Based VLAN: up to 9 VLAN groups
IEEE 802.1Q Tagged Based VLAN: 4094 VLAN ID, up to 32VLAN groups
- Supports Multicast : IGMP snooping
- Network Equipment independence - Transparent to protocols, applications and MAC addresses.

Specifications:

(8) Gigabit Ethernet & PoE RJ-45 Ports
(2) 1000Mbps (Gigabit) uplink ports (either copper or GBIC fiber module)

Dimensions:

Height: 1.73" (44mm)
Depth: 6.75" (172mm)
Width: 10.5" (267mm)

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 2,500ft (762m) - 520Mbps

Max Distance 762m / 2,500ft
Interfaces

- CPE Interlink: (1) RJ-45 jack - custom pinout
- (8) RJ-45 Ethernet Data / PoE ports
- (2) 10/100/1000 TX RJ-45 uplinks
- (2) Mini-GBIC fiber module port

Environment

Operating Temp:
-4°F to 160°F (-20°C to 70°C)
Humidity: 5% to 95%, non-condensing

