

# 8955 8-PORT GIGABIT **POE EXTENSION DSLAM**

t Extension Experts

## **Next Generation** Broadband

HHH Bares

ENABLE-IT

### 870 Gigabit PoE CPE



- **4-Port switch** ≻
- 2 or 4 pair PoE ≻
- $\triangleright$ 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



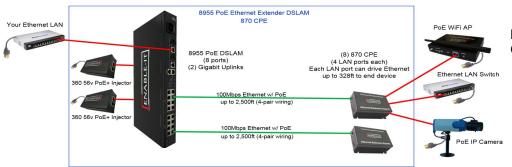
The Enable-IT 8955 8-port Gigabit PoE Extension DSLAM is a web manageable solution that drives Ethernet and PoE up to 2,500ft or 762m distance over a 2-Pair (4 wire) telephone line wiring or better. Perfect for multi-unit structures such as Hotels, Cabins, Office complexes, Apartments, Campus Dormitories, 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°to 70°C) Humidity: 5% to 95%, noncondensina