



**ETHERNET EXTENSION EXPERTS**

# 823 Gigabit PoE Extender



- ▶ The PLANET's most trusted and deployed brand since 1982
- ▶ Up to 56V 30W PoE power for IP devices over 2.5 times further than IEEE 802.3 specs
- ▶ Transparent to Ethernet data and communications
- ▶ Gigabit throughput Non-blocking wire speed forwarding
- ▶ 2 Pair PoE Output 802.3af/at
- ▶ Smart over-voltage / current short circuit overload protection - prioritizes Port 1 when power budget is insufficient from your source PoE Injector/switch
- ▶ Saves the expense of having to install new power outlets
- ▶ Plug-and-Go installation allows for rapid connectivity of your network
- ▶ Dual PoE output ports - 30W each
- ▶ 12Gbps no blocking store and forward switch fabric - full wire speed
- ▶ ENABLE-IT USA Factory Floor Direct Same Day Shipping

## The Enable-IT™ 823 Gigabit Power over Ethernet Extender.

The EnableIT 823 Gigabit PoE Extender uses industry LAN standard RJ-45 (8-pin) connectors to make installing in almost any environment simple and easy up to 250 meters or 823 feet.

The 823 Gigabit PoE Extender are IEEE 802.3af/at compliant devices that are extremely cost-effective for quickly deploying up to 30W 56VDC Power over Ethernet to your attached PoE equipment.

Eliminates the high costs for adding new power outlets where you already have data runs or where it is convenient to run a data segment.

Dual port output solution that provides up to 30W - 56V DC Gigabit Power over Ethernet for enabling WiFi Access Points, IP Security Cameras, or Access Card Reader PoE Devices.

### HIGHLIGHTS

- 30W - 56V DC 2 pair PoE output 802.3af/at up to 823 feet / 250m
- EMI FCC Park 15 Class B
- EMI EN55022 Class B
- Auto recover with protection from over-voltage and short circuit
- Compatible with all IEEE 802.3af/at and Legacy powered devices
- Professional Business Grade, Solid reliability
- Limited Lifetime Manufacturer Warranty
- Plug and Go, No Configurations, easy to use.



### FEATURES & SPECIFICATIONS

#### Features:

- Dual output ports capable of up to 30W - 56V DC 802.3af/at for your PoE devices.
- DIP switch selectable to allow for up to 823ft / 250m distance for PoE delivery.
- Quick install RJ-45 connection to infrastructure for data input and PoE and data output.
- Jumbo Frame support 9.2k - 2M buffer memory
- Can maximize your distance and output when daisy chaining up to 4 units for a distance of 3,292ft/1000m.

#### Specifications:

PoE output up to: 30W - 56V DC / port  
DC Input (48 ~ 60V / 90W)  
Power consumption: 1W standby

Interface: (3) LAN RJ-45 Standard  
10/100/1000Base-TX auto-sensing ports

#### Dimensions:

Height: 1.14" (29mm)  
Depth: 4.06" (103mm)  
Width: 1.96" (50mm)

#### Functionality:

10/100/1,000 Mbps full-duplex  
Gigabit Ethernet Data

#### Environment:

Operating Temp:  
-40°F to 167°F (-40° to 75°C)  
Humidity  
5% to 90%, non-condensing.

