

**ENABLE-IT****ETHERNET EXTENSION EXPERTS**

# 828WP WATERPROOF GIGABIT POE EXTENDER

## The Enable-IT™ 828WP Gigabit Ethernet & PoE Extension Unit

The world's only outdoor self-powered Gigabit solution in the industry today. A waterproof IP68 rated enclosure that can withstand demanding adverse weather conditions to protect your investment and your links.

The 828WP includes an Enable-IT 360 PoE+ (56V) injector and is a self-contained solution ready to go. The 828WP drives incremental Gigabit Ethernet and your PoE to 800ft (240m).

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.

This is ideal for installing high powered PoE+ cameras remotely using only a CAT5e rated or better cabling. You can also daisy chain (4) 828W units to reach 2,000ft (610m) and easily power a 48V PoE+ device.



### FEATURES & SPECIFICATIONS

#### Features:

- Extends standard 1000BaseT Ethernet 6x beyond the IEEE barrier of 328ft or 100m with PoE+ 56V over CAT5e/6
- 1,000Mbps full-duplex service
- Daisy chain up to (4) 828W's to 610m
- Only waterproof Gigabit Extender in the industry today
- Ideal for deploying High-Def IP Cameras requiring Gigabit throughput at distance
- Complete unit does not require any additional equipment or converters.
- No configuration required, complete plug-and-play installation
- Includes an Enable-IT 360 PoE+ 56V Injector.
- External LED's for Power and LAN activity.

#### Specifications:

LAN interface:  
(2) 4-pair PoE Output RJ-45 - 1,000Mbps

#### Dimensions:

##### Waterproof Connectors On:

Height: 2.0" (50.8mm)  
Depth: 11.0" (279.4mm)  
Width: 4.5" (114.3mm)

#### Functionality:

800ft (240m)	- 1,000Mbps
1,181ft (360m)	- 1,000Mbps
1,575ft (480m)	- 1,000Mbps
2,000ft (610m)	- 1,000Mbps

#### Environment

Operating Temp:  
-45° to 76°C/-49° to 168°F

Humidity  
5% to 95%, non-condensing

- ▶ The PLANET's most trusted and deployed brand since 1982
- ▶ Gigabit Full-Duplex Throughput
- ▶ PoE Extender for IP Cameras over SIX times further than IEEE 802.3 specs
- ▶ IP68 Rated Waterproof / Submersible Enclosure to 1 meter
- ▶ Leverage any 4-pair wiring up to (2,000ft) or (610m) if used in a series with (3) 828W units
- ▶ Supports VLANs and Jumbo Frame
- ▶ PoE Output - 4-Pair 802.3af, at, bt
- ▶ Secure and Encrypted Communications between devices
- ▶ Any CUSTOM option available at time of order
- ▶ ENABLE-IT USA Factory Floor Direct Same Day Shipping

### HIGHLIGHTS

- Extends full wire speed Gigabit Ethernet 6x the IEEE specs for Ethernet distance
- Designed for installing PoE IP Cameras up to 610m distance when used in series.
- Supports IEEE 802.3af and IEEE 802.3at natively
- Network equipment independence – transparent to LAN protocols
- Waterproof LAN connections for extreme conditions

