



# POE-EXT-GDx4-AT

## DATA SHEET

### Gigabit 4 Output 802.3at PoE Extender

#### Features

- 802.3bt 90W IN, 4 802.3at 25W OUT
- 10/100/1000Mb Compatible
- Easy Plug and Play Operation
- Extends PoE / Ethernet an additional 100m
- Auto Link Speed, Duplex and Crossover
- Wall Mount Brackets included

#### Applications

- Wireless Equipment
- IP Telephone
- Security Applications
- Sensor Equipment
- PoE Lighting
- IP Cameras



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#### Description

The POE-EXT-GDx4-AT is a durable, high-power Gigabit Ethernet PoE extender that lets you stretch Ethernet connections beyond the usual 100-meter limit. You can link multiple units to extend Ethernet and PoE up to 300 meters using CAT5 or CAT6 cables. These units are powered by PoE, so no extra power source is needed. The input is compatible with 802.3bt 60W or 90W PoE injectors and the output provides four 802.3at 25W PoE Ports.

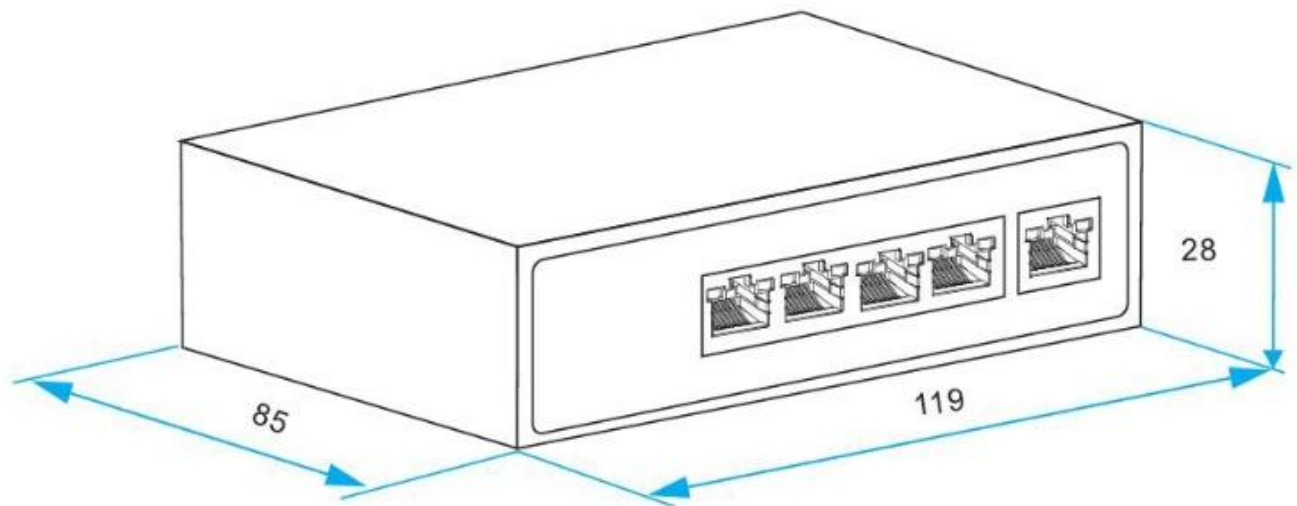
Built for indoor use or outdoor use inside a weatherproof enclosure, the units have tough, powder-coated metal enclosures. They operate reliably in temperatures from -20°C to +60°C.

Note: Input power must be at least 10W higher than total load across all 4 output ports.

#### Specifications

	POE-EXT-GDx4-AT
<b>PoE Input</b>	802.3bt or 54V 4 Pair Passive, 90W
<b>PoE Input Pinout</b>	3,6,4,5(+) 1,2,7,8(-)
<b>PoE Output</b>	802.3af or 802.3at Class 4
<b>PoE Output Pinout</b>	1,2(+) 3,6(-) Up to 25W
<b>Total PoE Output Power</b>	72W Max with 90W input
<b>Data Speeds</b>	10/100/1000Mb
<b>Self Consumption Power</b>	2.0W Typ
<b>Operating Temperature</b>	-4°F to 140°F (-20°C to +60°C)
<b>Operating Humidity</b>	0 to 90% RH Non-Condensing
<b>Size</b>	4.7 x 3.3 x 1.1" (119x85x28mm)
<b>Weight</b>	9.9oz (280g)
<b>Warranty</b>	2 Years

CAT5e/CAT6 Typical Cable Loss @ 100m	
Load	Cable Loss
8W	0.2W
15W	0.7W
20W	1.2W
25W	2W



*Included Parts: Wall mount brackets and attachment screws with drywall anchors*

**Ordering: POE-EXT-GDx4-AT** Gigabit 4 Output 802.3at PoE Extender

**For further information contact:**

[Tyconsystems.com](http://Tyconsystems.com)

