



GP-101ET

## IEEE 802.3at Gigabit PoE+ Extender

The Power over Ethernet (PoE) is with power supply cable length limitation of 100 meters. When it comes to long-distance networking construction, the GP-101ET PoE+ Extender is the perfect accessory to increase your PoE network performance to cover a longer distance up to 100 meters (328 ft). The GP-101ET, a 1-Port Gigabit PoE Extender with plug and play installation requiring neither configuration nor extra electrical power, is an innovative and cost effective repeater to extend on both data and power for another 100 meters. The delivery though one PSE (Power Source Equipment) and one the PD (Powered Device) are adequate to extend network devices such as WLAN access points, network cameras, IP phones and other appliances with Gigabit high-speed to the network for greater deployment flexibility.

### IEEE 802.3at/af Power over Ethernet Standard

The GP-101ET Extender can be connected to any IEEE 802.3at/af end-nodes such as WLAN access points, network cameras, Voice over IP (VoIP) telephones and IP-based appliances where the IEEE 802.3at/af in-line Power over Ethernet port is supported.

### Extended Range with Higher Cost Efficiency

The Power over Ethernet (PoE) extender enables the Ethernet wire to carry both data and power beyond the 100 meters limitation for another 100 meters. Thus, the GP-101ET reduces the need for cable installation and eliminates the need for extension cords or electrical outlets on the wall, ceiling or any unreachable place. In all, it lowers the installation costs and simplifies the deployment effort.

### Plug & Play, Easy Installation

The GP-101ET plug and play with no additional power supply or setup required.

### Reliable & Flexible Power Supply

Featuring PoE short circuit protection to safeguard network devices and protect against damage.

### KEY FEATURES

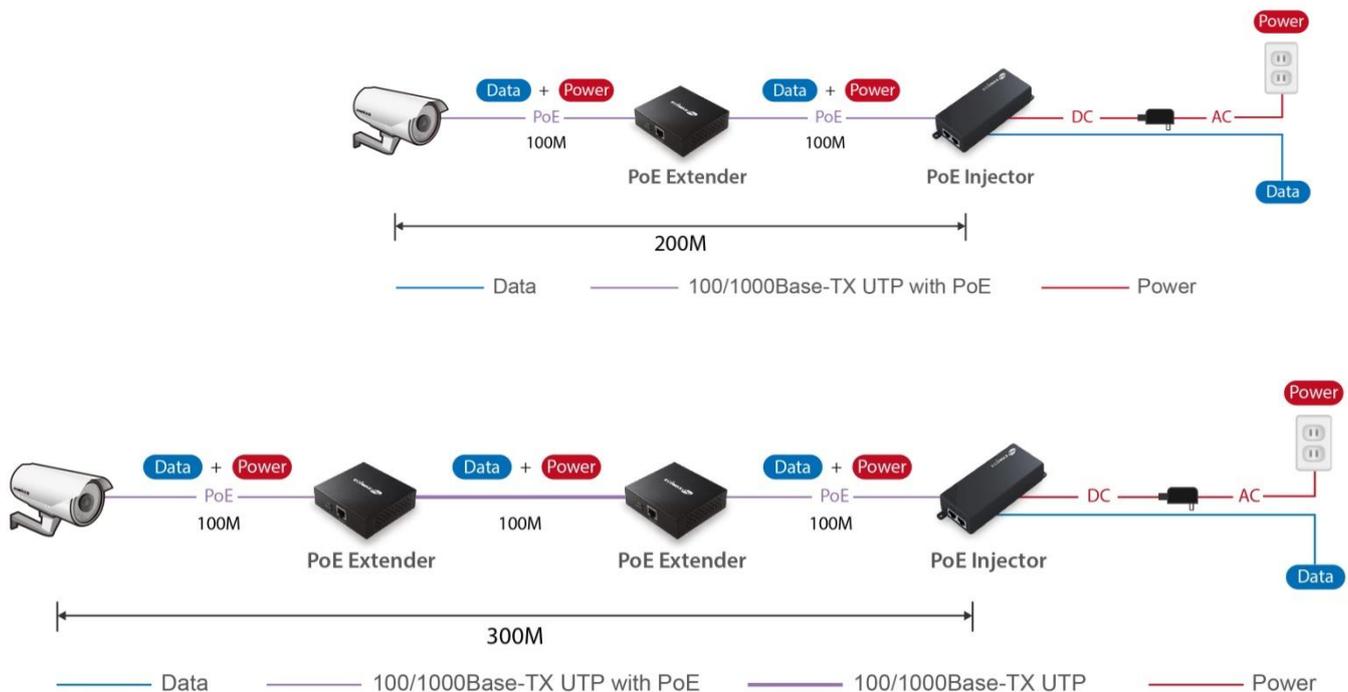
- Complies with IEEE 802.3af and IEEE 802.3at Power over Ethernet (PoE) Standards
- Gigabit LAN ports provide high-speed connectivity
- PoE short circuit protection to safeguard network devices
- Extends PoE connection for another 100 meters (328 ft.)
- Reduces installation and equipment costs
- Easy plug-and-play desktop or wall-mounted installation

# IEEE 802.3at Gigabit PoE+ Extender

## SPECIFICATIONS

Hardware	
Ports	1 Port RJ-45 10/100/1000Base-T PoE Input Port 1 Port RJ-45 10/100/1000Base-T PoE Output Port
LED Indicators	Link/ACT and PoE
Power Input	IEEE 802.3af, IEEE 802.3at
Power Consumption	1.2W
Dimensions (L x W x H)	86.8 x 79.3 x 25.8 mm
Weight	200g
Power over Ethernet	
Standard	IEEE 802.3af, IEEE 802.3at
Power Output	IEEE 802.3 af
Pin Assignment	1/2(+), 3/6(-) End-Span
PoE Power Output	15.4W (IEEE 802.3af)
Environment	
Temperature	Operating: 0 ~ 40°C Storage: -40 ~ 70°C
Humidity (Non-condensing)	Operating: 10 ~ 90% Storage: 5 ~ 90%
Standards Compliance	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3af Power Over Ethernet (PoE) IEEE 802.3at Power Over Ethernet Plus (PoE+)
Certifications	FCC, CE

## APPLICATION DIAGRAM



Maximum performance and actual data rates will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

Copyright © 2017 Edimax Technology Co. Ltd. All rights reserved.

[www.edimax.com](http://www.edimax.com)