



GP-101ST

IEEE 802.3at Gigabit PoE+ Splitter with Adjustable 5V DC, 9V DC, 12V DC Output

The GP-101ST Gigabit PoE (Power over Ethernet) Splitter delivers both data and electrical power to non-PoE Fast Ethernet or Gigabit Ethernet-enabled products such as network cameras and wireless access points, using an Ethernet cable and without deploying power outlets and electrical cabling. Ideal for remote locations, the GP-101ST allows data transfer between the PSE (Power Source Equipment) and GP-101ST up to Gigabit speeds and delivers power output voltages of 12V, 9V or 5V DC simultaneously up to 100 meters (328 feet). The GP-101ST is easy to install and requires no tools or software, while offering the benefits of cost savings as well as flexible network planning and high reliability.

Easy Installation End-to-End PoE Solution

The GP-101ST supports 802.3at/af and proprietary PoE, ensuring compatibility with other 802.3at/af PoE/proprietary-compliant injectors and switches. The GP-101ST is easy to install and requires no tools or software configuration. Just connect the GP-101ST device to any power source device such as a PoE injector unit or a PoE switch to provide power to Ethernet-enabled devices. The GP-101ST offers small to medium business a complete end-to-end PoE solution.

Cost Saving Network Deployment

The GP-101ST supports 802.3at/af ensuring compatibility with other 802.3af PoE compliant injectors or PoE switches. Taking the convenience of PoE, the GP-101ST eliminates the need and costs to place an Ethernet-enabled device such as a wireless access point or a network camera near a power outlet or deploy electrical cabling. For flexible network deployment options, the compact-sized GP-101ST can be mounted on a ceiling or wall up to 100 meters (328 feet) from a power source.

Reliable and Flexible Power Supply

The GP-101ST features PoE short circuit protection to safeguard network devices and supports 5V, 9V or 12V DC output with a built-in slide switch to select the power output according to the requirements of your network device.

KEY FEATURES

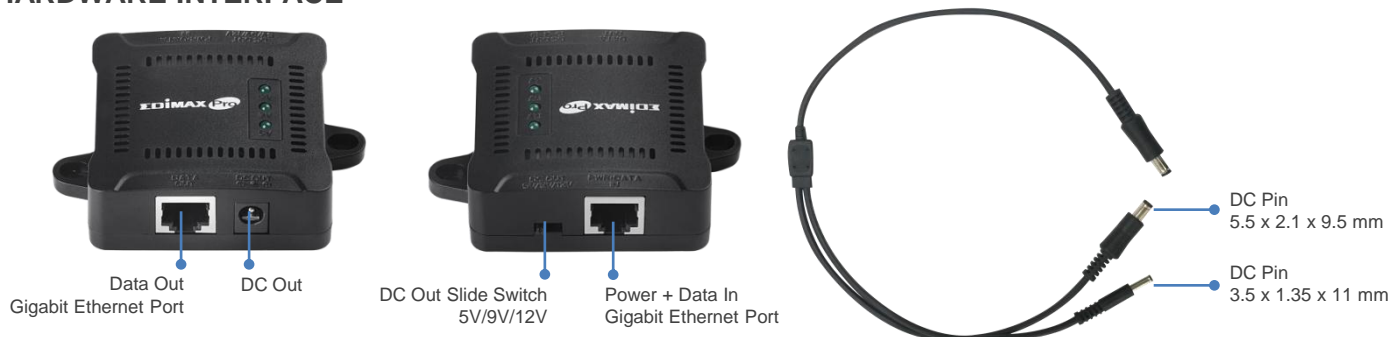
- Supports IEEE802.3at/af PoE and proprietary PoE such as PoE injectors
- Splits a networked PoE connection into separate power and Gigabit data connections
- Allows for non-PoE device installation in remote locations where power is unavailable
- Adjustable slide switch for either 5V DC, 9V DC or 12V DC output power
- PoE short circuit protection to safeguard network devices
- Delivers power and data to PoE splitter from up to 100 meters (328 feet) over a single Ethernet cable
- Reduces installation and equipment costs
- Easy Plug and Play desktop or wall-mounted installation

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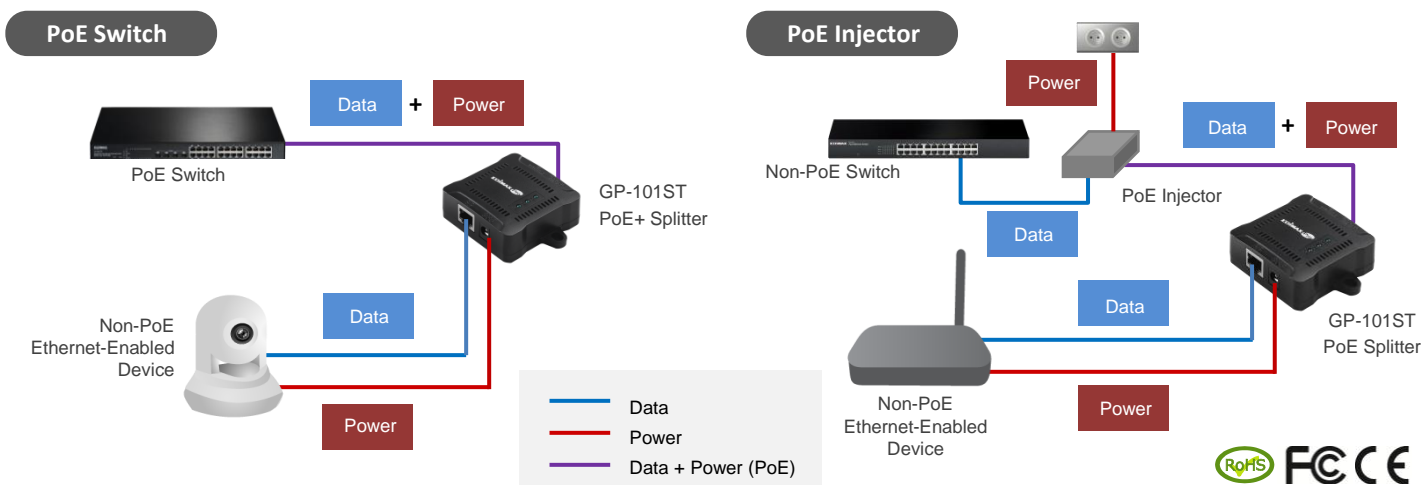
SPECIFICATIONS

Hardware	
Ports	1 Port RJ-45 10/100/1000Base-T PoE Input Port 1 Port RJ-45 10/100/1000Base-T Output Port 1 Port DC Jack Output Port
LED Indicators	5V/9V/12V, Power and AC
Power Input	IEEE 802.3af, IEEE 802.3at
Power Output	DC Out Adjustable Slide Switch for Either 5V/2A, 9V/2A or 12V/2A DC Output Power Y-Cable DC Pin (ODxDxL) : 5.5 x 2.1 x 9.5 mm and 3.5 x 1.35 x 11 mm
Pin Assignment	1/2(+), 3/6(-) End-Span (mode A) or 4/5(+), 7/8(-) Mids-Span (Mode B)
Dimensions (L x W x H)	63 x 64 x 23 mm
Weight	65g
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 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3af Power Over Ethernet (PoE) IEEE 802.3at Power Over Ethernet Plus (PoE+)
Certifications	FCC, CE

HARDWARE INTERFACE



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 © 2016 Edimax Technology Co., Ltd. All rights reserved. www.edimax.com