

Product Highlights

Convenience

A compact and cost-effective solution for PoE devices, providing maximum deployment flexibility in remote locations without immediate access to power outlets

Extensibility

Gigabit connectivity provides Wireless N speeds in virtually any location where placing a conventional PoE switch is not possible

Simplicity

Requiring no software configuration means the DPE-101GI offers a hassle-free Plug-and-Play installation in remote locations



DPE-101GI

Gigabit Power over Ethernet (PoE) Injector

Features

Simple and Convenient

- Plug-and-Play, no software required
- Easy installation of PoE devices where a power outlet is not available
- Reduces installation and network infrastructure costs
- Provides power over existing network cabling
- Lightweight and compact size
- Output: 0.35 A at 48 V

Gigabit Connectivity

- Delivers Power over Ethernet (PoE) power up to 100 meters (328 ft)
- Connect and power Gigabit devices
- Auto-negotiation

Reliability

- Overcurrent protection
- Regulates power output to avoid damaging the connected device
- Compliant with the IEEE 802.3af PoE standard
- Compatible with all standard PoE devices
- Supports Cisco Legacy mode

The DPE-101GI Gigabit Power over Ethernet (PoE) Injector is designed to supply power and high-speed data to remote PoE network devices such as IP cameras or wireless access points. The DPE-101GI eliminates the need for an individual power supply and dedicated PoE powering equipment, giving you the ability to mount PoE devices virtually anywhere in a building where power outlets are not available.

Cost-Efficient Flexibility

Deploying the DPE-101GI saves both installation costs and eliminates the need for dedicated PoE equipment, allowing a single RJ-45 Ethernet cable to carry both power and data to the attached device. The DPE-101GI frees your remote PoE devices from the restrictions of inconvenient power outlet locations, while providing a low-cost, high-performance solution for powering PoE devices without additional infrastructure.

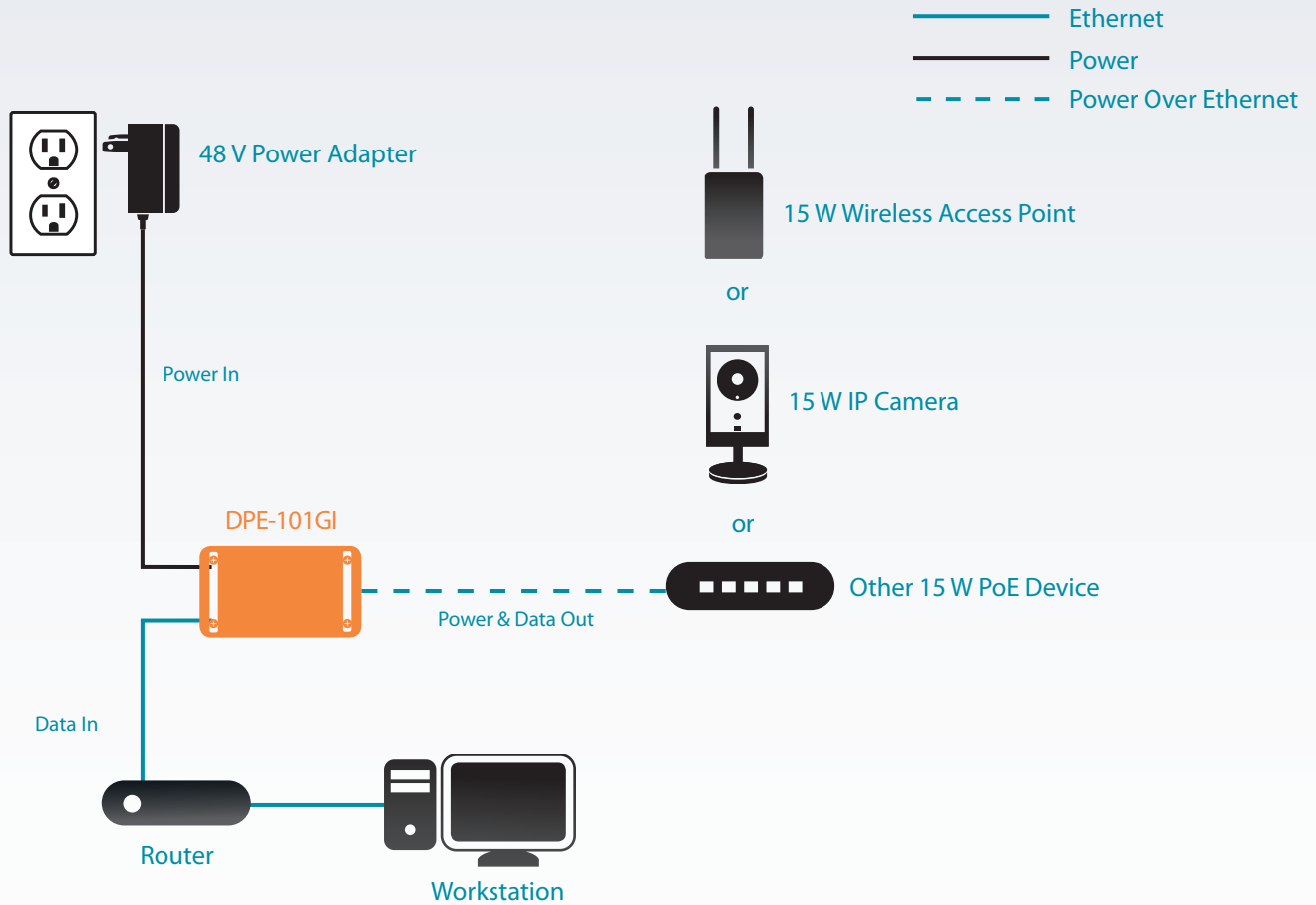
High Speed Demands

The DPE-101GI is designed to be deployed in situations where high bandwidth is required. The DPE-101GI is ideal for powering high-speed network devices such as high-definition network cameras, Voice over IP (VoIP) phones, and multichannel (IEEE 802.11a/b/g/n) wireless access points. Gigabit speeds ensure that bandwidth is always available and provide high-speed connections for the most demanding applications.

Reliability and Safety

The DPE-101GI intelligently communicates the maximum available current with a powered device (PD). This protection feature keeps the device safe from damage by preventing it from powering on if there is not enough current. This safety feature also automatically disables the port in the event of an electrical short circuit, or when the current exceeds 350 mA for IEEE 802.3af PoE.

Typical Installation Diagram



Technical Specifications

Interface

PoE + Data Port (Out)	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T PoE port • IEEE 802.3 Ethernet • IEEE 802.3u Fast Ethernet 	<ul style="list-style-type: none"> • Supports half/full-duplex • IEEE 802.3ab Gigabit Ethernet • IEEE 802.3af Power over Ethernet (PoE)
Data Port (In)	<ul style="list-style-type: none"> • 1 x 10/100/1000BASE-T port • IEEE 802.3 Ethernet • IEEE 802.3u Fast Ethernet 	<ul style="list-style-type: none"> • Supports half/full-duplex • IEEE 802.3ab Gigabit Ethernet
LED Indicators	<ul style="list-style-type: none"> • Blue: Power On 	<ul style="list-style-type: none"> • Green: Link On

Physical

Dimensions (L x W x H)	• 109.8 x 62.2 x 24.5 mm (4.32 x 2.45 x 0.96 in)	
Weight	• 70 g (0.15 lbs)	
Power	<ul style="list-style-type: none"> • Output: 0.35 A at 48 V • Max consumption: 16.8 W 	• Power adapter: 0.4 A at 48 V (replaceable AC plug)
Temperature	• Operating: 0 to 50 °C (32 to 122 °F)	• Storage: -30 to 70 °C (-22 to 158 °F)

DPE-101GI Gigabit Power over Ethernet (PoE) Injector

Humidity	• Operating: 5 to 95%, relative humidity	• Storage: 5 to 95%, relative humidity
Certifications	• CE • FCC	• VCCI • RoHS
Order Information		
<i>Part Number</i>	<i>Description</i>	
DPE-101GI	• Gigabit Power over Ethernet (PoE) Injector	

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