D-Link®

DPE-311GI
Gigabit Passive PoE Injector

Features

Simplicity

- Plug-and-play with no software required
- Easy installation of compatible D-Link PoE-enabled devices[1] where a power outlet is unavailable by providing power over existing network cabling
- Reduces installation costs and eliminates the need for dedicated PoE network equipment
- Lightweight and compact
- Output: 0.54 A at 56 V

Connect and Power with One Cable

- Gigabit connectivity, up to 100 metres[2]
- Deliver up to 30 W PoE power

Reliability

- Over-current protection
- Short circuit protection
- Over-voltage protection

The Gigabit Passive PoE Injector combines a non-PoE Gigabit connection with Power over Ethernet (PoE) to provide data and power to a compatible D-Link PoE-enabled device[1] over a single Ethernet cable. The Gigabit Passive PoE Injector is capable of supplying up to 30 W of PoE power, powering even the most power-hungry devices such as PTZ IP cameras or 802.11ac wireless access points. This allows you to mount compatible D-Link PoE-capable devices anywhere in a building, such as on ceilings or near entrances, by eliminating the need for a nearby power outlet.
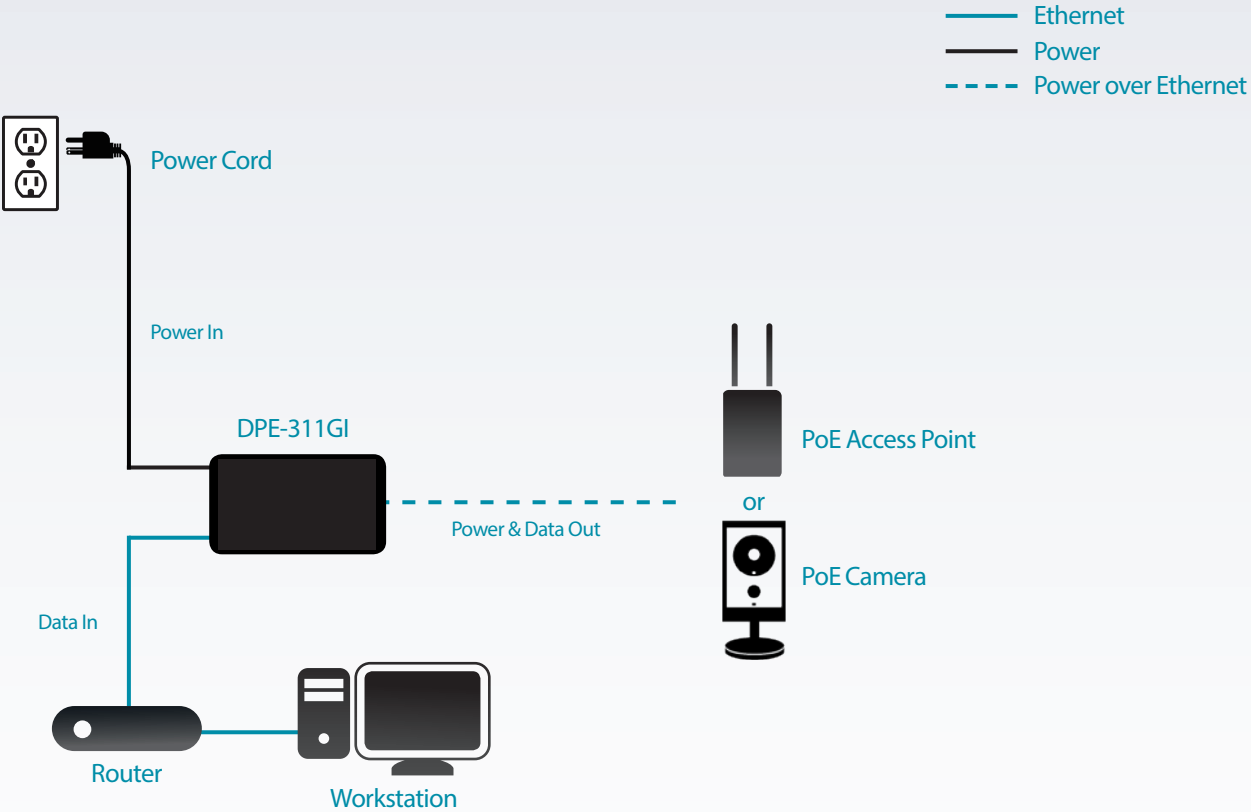
Cost-Efficient Flexibility

Deploying the Gigabit Passive PoE Injector saves both installation costs and eliminates the need for dedicated PoE equipment, allowing a single Ethernet cable to carry both power and data to the connected device. This frees network devices from the restrictions of power availability by removing the need for a local power source. This reduces cable clutter, eliminates the need for dedicated electrical outlets in difficult-to-reach places, and cuts down deployment time.

Reliable Connectivity

The Gigabit Passive PoE Injector is equipped with several protection features to help keep connected devices safe from potential damage, including over-current protection, short-circuiting protection, and over-voltage protection.

Setup Example - Powered by a Passive PoE Injector

—— Ethernet
—— Power
– – – – Power over Ethernet

Power Cord

Power In

DPE-311GI

PoE Access Point

or

Power & Data Out

PoE Camera

Data In

Router

Workstation

Technical Specifications

Hardware Revision	• A1	

Ports

Data Port (IN)	• 1 x 10/100/1000BASE-T RJ-45 port	• Supports half/full-duplex
PoE + Data Port (OUT)	• 1 x 10/100/1000BASE-T RJ-45 port	• Supports half/full-duplex

Standards	• Data port (IN)
	  • IEEE 802.3
	  • IEEE 802.3u
	  • IEEE 802.3ab
		• PoE + Data port (OUT)
		  • IEEE 802.3
		  • IEEE 802.3u
		  • IEEE 802.3ab

Physical

Indicator LEDs (Per Unit)	• Power	• Active
Dimensions (L x W x H)	• 138.5 x 62.5 x 35.3 mm (5.45 x 2.46 x 1.39 in)	
Weight	• 200 g (0.44 lbs)	
Power	• Output: 540 mA at 56 V	
Max. Power Consumption	• 30.24 W	
Temperature	• Operating: -20 to 50 °C (-4 to 122 °F)	• Storage: -30 to 70 °C (-22 to 158 °F)
Humidity	• Operating: 5% to 90% non-condensing	• Storage: 10% to 95% non-condensing
Certifications	• CE • FCC • RCM • BSMI	• UL/cUL • KCC • CB • VCCI

Compatible Powered Devices

DWL Series (compatible hardware version)	• DWL-8620AP (A1) • DWL-7620AP A1 • DWL-6620APS A1 • DWL-8610AP A2	• DWL-6610AP B1 • DWL-3610AP A1 • DWL-8710AP A1
DAP Series (compatible hardware version)	• DAP-2230 A1 • DAP-2310 B1 • DAP-2360 B2 • DAP-2610 A1	• DAP-2680 A1 • DAP-2695 Ax • DAP-3662 A1
DBA Series (compatible hardware version)	• DBA-2820P A1	• DBA-1210P A1
DCS Series (compatible hardware version)	• DCS-4701E Bx • DCS-4703E Ax • DCS-4602 Bx • DCS-4603 Ax • DCS-4622 Bx • DCS-4605EV Ax	• DCS-4705E Ax • DCS-4633EV A x • DCS-7513 Bx • DCS-7517 Bx • DCS-6517 Bx

[1] For a list of compatible products, please refer to table above.
[2] Maximum distance as per IEEE 802.3u specifications.

For more information: www.dlink.com

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