ComX Computers
Product Specification Sheet

DPE-301GS

D-Link DPE-301GS gigabit POE+ Splitter Terminal Unit

Product Overview

D-Link DPE-301GS gigabit POE+ (Power Over Ethernet) splitter terminal unit to work with DPE-301Gi base unit or PoE switch, transmit data+power through network (1port), up to 100m, ideal to work with 5V/9V/12V networking device like access point, bridge, switch, router, internet security camera... etc, in: POE rj45, out: rj45 + DC











Specifications

About this product

The D-Link DPE-301GS Gigabit PoE+ Splitter converts PoE power and Gigabit Ethernet into separate network data and selectable 5V, 9V or 12V DC power for compatible non-PoE devices. With IEEE 802.3af/802.3at support, Gigabit Ethernet connectivity, up to 30W power output and transmission distances of up to 100m, it is ideal for access points, IP cameras, routers, network switches and other compatible networking equipment. Buy now for a flexible PoE solution and quick delivery in South Africa.

Overview Summary

D-Link DPE-301GS Gigabit PoE+ Splitteris designed to provide both network connectivity and DC power to compatible non-PoE networking devices using a single Ethernet cable from a PoE switch or compatible PoE injector. It separates the incoming PoE signal into a standard Gigabit Ethernet connection and selectable low-voltage DC output.

The splitter supports IEEE 802.3af and IEEE 802.3at PoE standards and provides selectable 5V, 9V or 12V DC output. Gigabit Ethernet support allows 10/100/1000Mbps network connectivity, while PoE power can be received over distances of up to 100m under the stated operating conditions.

With plug-and-play operation, overcurrent protection and a compact design, the DPE-301GS is suited to installations where a compatible network device needs power but a local electrical outlet is unavailable. It can be used with suitable access points, IP cameras, routers, switches and other compatible non-PoE equipment.

Performance tier: Gigabit PoE+ networking accessory

Uses:powering non-PoE access points, IP cameras, routers, network switches, wireless networking equipment, compatible security equipment

Overview

The DPE-301GS Gigabit PoE+ Splitter provides Gigabit connectivity and high wattage electrical power to legacy devices that do not support PoE, by separating power and data from a PoE source.

Description

The D-Link DPE-301GS Gigabit PoE+ Splitter is a practical networking accessory for powering compatible non-PoE devices through existing Ethernet infrastructure. It receives power and data from a compatible PoE source and separates them into a Gigabit Ethernet connection and low-voltage DC power for the connected device.

The unit supports IEEE 802.3af and IEEE 802.3at standards and provides 10/100/1000BASE-T Gigabit Ethernet connectivity. The selectable DC output can be set to 5V, 9V or 12V, allowing the splitter to support a range of compatible networking and security devices. The available output levels are designed for equipment that matches the required voltage and current specifications.

The DPE-301GS can receive PoE power from up to 100m away under the stated Ethernet specifications. This makes it useful for installations where a compatible access point, camera or other network device needs to be positioned away from a convenient electrical outlet.

Installation is designed to be straightforward, with plug-and-play operation and no additional software configuration required. Built-in overcurrent protection and output short-circuit protection provide additional protection for the power conversion circuitry and connected equipment.

Features

The DPE-301GS combines Gigabit Ethernet connectivity with flexible DC power output for compatible non-PoE equipment.

- Gigabit Ethernet: Supports 10/100/1000BASE-T network connectivity.
- PoE and PoE+ support: Compliant with IEEE 802.3af and IEEE 802.3at standards.
- Selectable DC output: Provides 5V, 9V or 12V DC output.
- Up to 30W output: Supports suitable compatible devices requiring up to the available power capacity.
- Up to 100m PoE distance: Can receive power from up to 100m away under the stated Ethernet specifications.
- Data and power separation: Separates incoming PoE into a standard Ethernet connection and DC power output.
- Plug and play: Designed to operate without additional software or configuration.
- Overcurrent protection: Helps protect the splitter and connected equipment from excessive current conditions.
- Compact installation: The small enclosure includes mounting slots for flexible installation.
- Flexible applications: Suitable for compatible non-PoE access points, IP cameras, routers, network switches and security equipment.

More Powerful PoE
Bring the benefits of more powerful IEEE 802.3at PoE to non-PoE devices with this compact and costeffective PoE solution.

Bring Power Anywhere
Support existing non-PoE devices and add new devices even where there are no outlets without using extension cords or installing electrical infrastructure.

More Flexibility
Install devices easily by simply setting the correct output voltage (5 V, 9 V, or 12 V) and plugging in Ethernet cables; no additional software is required.

Powers More Devices
Remotely connect a wider variety of more power demanding devices with the DPE-301GS. The DPE-301GS outputs up to 5 V DC, 9 V DC, or 12 V DC, making it better able to cope with the demands of surveillance cameras, 802.11ac networking devices, security equipment, and even consumer electronics.

Greater Flexibility
Network administrators can use the DPE-301GS to deploy wireless LAN devices and cameras in hard-to-reach places such as entryways, rooftops, ceilings, or any other place not usually in close proximity to a power outlet. This means that administrators can position network devices where they will be most effective, rather than having to settle for less desirable locations due to the limited availability of power, use unsightly extension cables, and avoid the hassle and expense of installing new electrical wiring.

Reliable Connectivity
The DPE-301GS can be powered using an IEEE 802.3af/at power supply that has overcurrent protection. Its high efficiency DC-DC converter provides an output short-circuit protection to avoid damaging the connected device.

What's in the Box

- D-Link DPE-301GS Gigabit PoE+ Splitter
- 5.5 mm to 3.8 mm male to male power cable
- 5.5 mm to 5.5 mm male to male power cable

Specifications

Ports	PoE and Data
	Label: PoE IN
	IEEE 802.3 / 10BASE-T
	IEEE 802.3u / 100BASE-Tx
	IEEE 802.3ab / 1000BASE-T
	IEEE 802.3af / 802.3at
	Half/full-Duplex operation
	CSMA/CD
	Data
	Label: LAN OUT
	IEEE 802.3 / 10BASE-T
	IEEE 802.3u / 100BASE-Tx
	IEEE 802.3ab / 1000BASE-T
	Half/full-Duplex operation
	CSMA/CD
Physical and Environmental	Dimensions (L x W x H)
	4.32 x 2.45 x 0.96 in. (109.8 x 62.2 x 24.5 mm)
	Weight
	3.46 ounces (98 grams)
	Temperature
	Operating: 32degreesF to 122degreesF / 0degrees to 50degreesC
	Storage: -22degreesF to 158degreesF / -30degreesC to 70degreesC
	Humidity
	Operating: 5% to 95% RH
	Storage 5% to 95% RH
	Power Consumption
	Maximum: 32.4 Watts
	LED Indicators
	Blue: Power On
	Green: Link On
DC Power Out	Switchable Output Voltage
	5V DC, 2.5A max.
	9V DC, 2A max.
	12V DC, 2A max.100 - 240V, 50/60 Hz
	Included Power Adapter Cables
	5.5mm male to 5.5mm male
	5.5mm male to 3.8mm male

PoE Features	Standards
	IEEE 802.3af, IEEE 802.3at
Emissions (EMI) and Safety Certifications	Certifications
	CE, FCC, VCCI, RCM, RoHS

FAQ

What is the D-Link DPE-301GS used for?

The DPE-301GS is used to provide Ethernet data and DC power to compatible non-PoE networking devices through an Ethernet connection from a compatible PoE source.

Does the DPE-301GS support Gigabit Ethernet?

Yes. The DPE-301GS supports 10/100/1000BASE-T Ethernet, allowing compatible network devices to connect at Gigabit Ethernet speeds.

What DC voltages does the DPE-301GS provide?

The splitter provides selectable 5V, 9V and 12V DC output. The selected voltage must match the requirements of the connected device.

How much power can the DPE-301GS provide?

The DPE-301GS provides up to 30W of power output, subject to the input PoE source and the requirements of the connected device.

Can the DPE-301GS be used with a PoE switch?

Yes. It can receive PoE power from a compatible PoE switch and separate the incoming power from the Ethernet data for a suitable non-PoE device.

Can the DPE-301GS be used with a D-Link DPE-301GI?

Yes. The DPE-301GS is designed to work with a compatible PoE source such as the DPE-301GI PoE injector, allowing power and data to be carried over a single Ethernet cable.

What devices can be powered by the DPE-301GS?

Compatible devices can include non-PoE access points, IP cameras, routers, network switches and other networking or security equipment that accepts one of the supported DC output voltages and stays within the available power limits.

Does the DPE-301GS require software configuration?

No. The DPE-301GS is designed for plug-and-play installation and does not require additional software.

What is the maximum Ethernet distance supported?

The DPE-301GS can receive PoE power from up to 100m away under the stated Ethernet specifications.

Does the DPE-301GS have protection features?

Yes. The unit includes overcurrent protection and output short-circuit protection to help protect the splitter and connected equipment.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/DPE-301GS-D-Link-DPE-301GS-gigabit-POE-Splitter-Terminal-Unit-p-158439.php

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