



Product Highlights

Flexible Deployment

Allows administrators to install devices such as access points or cameras beyond the range of standard power outlets

Plug and Play

Easy to install; no additional software required, and adjustable power output supports devices requiring 5V or 12V DC power

Convenient and Efficient

Both power and data are delivered via a single Ethernet cable, which helps to reduce cable clutter



DWL-P50

1-Port 10/100 Power over Ethernet Splitter 5V/12V

Features

Flexible Power Options

- Provides DC power over an existing Ethernet cable to a wireless LAN device or IP camera
- Converts incoming power from a PoE switch into low-voltage DC power
- Transmits power up to 328 feet away (100m)¹
- Supports both 5V and 12V DC power (selectable through a DIP switch)
- Protects wireless LAN devices from possible power surges

Convenient

- Compact design
- Plug and play
- Operating system independent
- No software required

The DWL-P50 1-Port 10/100 Power over Ethernet Splitter 5V/12V is designed to supply operational power to surveillance cameras and wireless LAN devices such as access points, bridges, and routers. It enables power to be delivered over the network via an Ethernet cable, eliminating the need to locate the destination device near to an existing power source. As it takes a Power over Ethernet (PoE) connection as its input, the DWL-P50 is ideal for connections between a PoE switch and a non-PoE device.

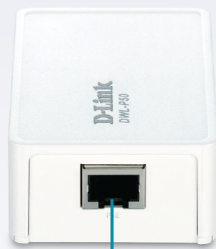
Greater Flexibility

Network administrators can use the DWL-P50 to deploy wireless LAN devices and cameras in hard-to-reach places such as rooftops, ceilings, or any other place not in close proximity to a power source. 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, or use messy power extension cables. With the DWL-P50, both power and data can be transmitted up to 328 feet (100 m) using standard Ethernet cabling with virtually no reduction in data throughput.

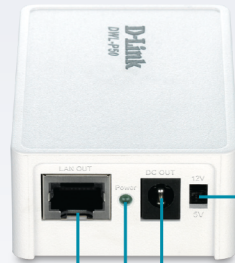
Easy Installation

The DWL-P50 is simple to install, requiring no tools and no software, and is operating system independent. Its compact size makes implementation of the DWL-P50 easy. Network administrators can simply plug the DWL-P50 into a PoE switch, and then connect it to a non-PoE network device using a standard Ethernet cable and a power cable. Once set up, the DWL-P50 will output power² to any compatible 5V or 12V device.

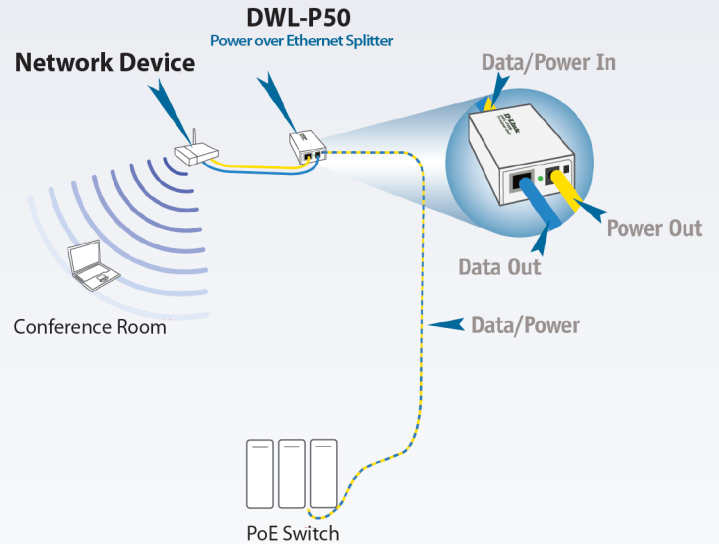
Deployment Scenario



PoE
Ethernet port



Ethernet port
Power LED
Output Adjustor
Power Output



Technical Specifications

General

PoE	• 802.3af compliant	
Ethernet	• Data rate: 10/100 Mbps • Connector: RJ-45	• TIA/EIA 568 Cat-5
LEDs	• Power	

Physical

Dimensions	• 3.28 x 2.08 x 1.12 inches (83.2 x 52.9 x 28.4 mm)	
Weight	• 0.17 lbs (79 grams)	
Power	• Output: 5V DC or 12V DC (DIP switch selectable)	
Temperature	• Operating: 32 to 104 °F (0 to 40 °C)	• Storage: 14 to 158 °F (-10 to 70 °C)
Humidity	• Operating: 10% to 80% non-condensing	• Storage: 5% to 90% non-condensing
Certifications	• FCC Class B • VCCI Class B	• CE Class B

1-Port 10/100 Power over Ethernet Splitter 5V/12V

Ordering Information	
<i>Part Number</i>	<i>Description</i>
DWL-P50	1-Port 10/100 Power over Ethernet Splitter 5V/12V
Warranty Information	
Warranty	1-Year Limited ³

¹ Maximum distance as per 802.3u specifications

² Maximum power output - 5 volts: 2.5 amps; 12 volts: 1 amp

³ 1-Year Limited Warranty available only in U.S.A.

Updated 2014/10/03

(Rev. A4)

For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com