



## Power over Ethernet Adapter

*The DWL-P100 Power Over Ethernet is a new feature design to supply operational power to Access Points. It eliminates the need to use an AC-DC power converter at the Access Points. On a standard UTP Category 5 cable, only two pairs (pins 1,2,3, and 6) are used for Ethernet data transfer. Power over Ethernet is designed to take advantage of the unused cable pairs. The DWL-P100 base unit inserts DC voltage into the unused wires (pins 4,5,7, and 8). The single Category 5 cable will now carry both Ethernet data and DC power. On the other end, the DWL-P100 terminal unit does the opposite of the base unit, splitting the data and DC power apart. The idea is to supply the remote end with power and the requirements of Ethernet connectivity via a single Cat 5 cable. This is an excellent solution in areas where you may not have electrical power easily accessible, like a roof or ceiling.*

---

### Key Features

- Provides DC power over existing Category 5 cabling to Access Points
- Cuts costs and adds convenience
- Transforms incoming AC power into low-voltage DC power
- Base and Terminal Power Over Ethernet modules power one D-Link Wireless Access Point
- Protects Access Point from possible damages due to power-surges

## Technical Specifications

## Wireless LAN

### The DWL-P100 includes two modules

- Power Over Ethernet / Base Unit
- Power Over Ethernet / Terminal Unit

### Category 5 pin power usages

-4/5, 7/8

### Output Voltage

-5VDC/1A (Terminal side)

### Ethernet Connector

-RJ-45

### Emission

- FCC Class B
- CE Class B

### Safety

- UL
- TUV

### Power Input

- DC 15V, 1A
- Uses external AC power adapter

## Ordering Information

### DWL-P100 Power Over Ethernet Adapter

Please specify your model number as follows:

- DWL-P100/A With USA AC power adapter
- DWL-P100/B With UK AC power adapter
- DWL-P100/E With EU AC power adapter
- DWL-P100/N With Australia AC power adapter
- DWL-P100/U Without AC power adapter

# D-Link®



RECYCLABLE

Rev.01 (Dec, 2001)  
Printed in Taiwan

|               |                        |                        |                      |
|---------------|------------------------|------------------------|----------------------|
| U.S.A         | TEL: 1-949-788-0805    | FAX: 1-949-753-7033    | www.dlink.com        |
| Canada        | TEL: 1-905-829-5033    | FAX: 1-905-829-5095    | www.dlink.ca         |
| Europe        | TEL: 44-20-8731-5555   | FAX: 44-20-8235-5511   | www.dlink.co.uk      |
| U.K           | TEL: 44-20-8731-5555   | FAX: 44-20-8235-5511   | www.dlink.co.uk      |
| Germany       | TEL: 49-61-96779900    | FAX: 49-61-967799300   | www.dlink.de         |
| France        | TEL: 33-1-30.23.86.88  | FAX: 33-1-30.23.86.89  | www.dlink.france.fr  |
| Benelux       | TEL: 31-40-2668713     | FAX: 31-40-2668666     | www.dlink-benelux.nl |
| Italy         | TEL: 39-02-2900-0676   | FAX: 39-02-2900-1723   | www.dlink.it         |
| Iberia        | TEL: 34-93-4090770     | FAX: 34-93-4910795     | www.dlinkiberia.es   |
| Sweden        | TEL: 46-(0)8-564-61900 | FAX: 46-(0)8-564-61901 | www.dlink.se         |
| Norway        | TEL: 47-22-991890      | FAX: 47-22-207039      | www.dlink.dk         |
| Denmark       | TEL: 45-43-96.90.40    | FAX: 45-43-42.43.47    | www.dlink.fi.com     |
| Finland       | TEL: 358-9-622-91660   | FAX: 358-9-622-91661   | www.dlink-intl.com   |
| Singapore     | TEL: 65-774-6233       | FAX: 65-774-6322       | www.dlink-intl.com   |
| Australia     | TEL: 61-2-9417-7100    | FAX: 61-2-9417-1077    | www.dlink.com.au     |
| Japan         | TEL: 81-3-5434-9678    | FAX: 81-3-5434-9868    | www.dlink.co.jp      |
| China         | TEL: 86-10-88097777    | FAX: 86-10-88096789    | www.dlink.com.tw     |
| India         | TEL: 91-22-652.6696    | FAX: 91-22-652.8914    | www.dlink-india.com  |
| Middle East   | TEL: 20-2-6356176      | FAX: 20-2-6356192      | www.dlink-me.com     |
| South America | TEL: 56-2-232-3185     | FAX: 56-2-232-0923     | www.dlink.cl         |
| South Africa  | TEL: 27(0)126652165    | FAX: 27(0)126652186    | www.d-link.co.za     |
| Russia        | TEL: 7-095-737-3389    | FAX: 7-095-737-3390    | www.dlink.ru         |
| Taiwan        | TEL: 886-2-2910-2626   | FAX: 886-2-2910-1515   | www.dlinktw.com.tw   |
| D-Link Corp.  | TEL: 886-2-2916-1600   | FAX: 886-2-2914-6299   | www.dlink.com        |