



DWL-800AP+

**Includes
Repeating
Mode!**

- 2 Different Modes — Access Point & Repeater
- Up to 22Mbps with D-Link AirPlus™ Products
- Works with other 802.11b-compatible devices when used as an Access Point

11b
ENHANCED
802.11b

22
Mbps

**WEB
BASED**
CONFIGURATION

256-BIT WEP

**FREE
24/7
TECH
SUPPORT**
(USA ONLY)

AirPlus

Enhanced 2.4GHz Wireless

Range Extender

D-Link, the industry pioneer in wireless networking, now offers an easy and affordable way to extend the range of your wireless network. The *DWL-800AP+* is another great addition to the D-Link AirPlus™ series of high-speed wireless networking products also capable transfer rates up to 22Mbps.

The D-Link AirPlus DWL-800AP+ is an enhanced 802.11b Wireless Range Extender that can operate as a Wireless Access Point or Wireless Repeater. It features advanced silicon chip design from Texas Instruments, utilizing their patented Digital Signal Processing™ technology.

The DWL-800AP+ can be configured to perform as a wireless access point or as a repeater to another wireless access point or wireless router¹. Adding the DWL-800AP+ to your existing wireless network enables you

to extend the wireless signal — particularly useful when obstacles like walls, ceilings or other architectural obstacles inhibit the wireless signal from reaching its desired destination.

The DWL-800AP+ also features 256-bit WEP encryption for a higher level of security for your communication. When used as an access point, the DWL-800AP+ is fully compatible with the IEEE 802.11b standard, so it works with existing 802.11b-compliant devices. And in repeating mode, because it's a D-Link AirPlus product, more signal bandwidth is preserved and passed on than other brands of wireless repeaters are capable.

¹—In repeating mode, repeats the wireless signal of D-Link AirPlus access points and routers. Other access points and routers supported with future firmware upgrades.



AirPlus

Enhanced 2.4GHz Wireless

Range Extender

DWL-800AP+



SPECIFICATIONS

Standards

- IEEE 802.11
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u

Port

10/100 Mbps Fast Ethernet

Data Rates

With Automatic Fallback

- 22Mbps
- 11Mbps
- 5.5Mbps
- 2Mbps
- 1Mbps

Encryption

64-, 128-, 256-bit RC4

Media Access Control

CSMA/CA with ACK

Frequency Range

2.4GHz to 2.462GHz

Operating Range

Indoors: Up to 328 ft (100m)

Outdoors: Up to 1,312 ft (400m)

Modulation Technology

- PBCC - Packet Binary Convolutional Coding
- Direct Sequence Spread Spectrum (DSSS)
- 11-chip Barker sequence

Modulation Techniques

- Barker (1Mbps/0db)
- Barker (2Mbps/3db)
- CCK (5.5 Mbps/5.5db)
- PBCC (5.5Mbps/1.5db)
- CCK (11Mbps/8.5db)
- PBCC (11Mbps/4.5db)
- PBCC (22Mbps/8.5db)

Power Input

External Power Supply
DC 5V, 2.4A

LEDs

- Power (Green)
- Link/Activity (Yellow)

Transmitter Output Power

15dBm ± 2dB

External Antenna Type

2.5dB gain with reverse SMA connector

Over-Driving Levels

Tolerates up to +17dBm at the antenna

Device Management

Web-Based – Internet Explorer v6 or later; Netscape Navigator v6 or later

Operating Temperature

32°F to 131°F (0°C to 55°C)

Humidity

95% maximum (non-condensing)

Safety & Emissions

- FCC
- UL

Dimensions

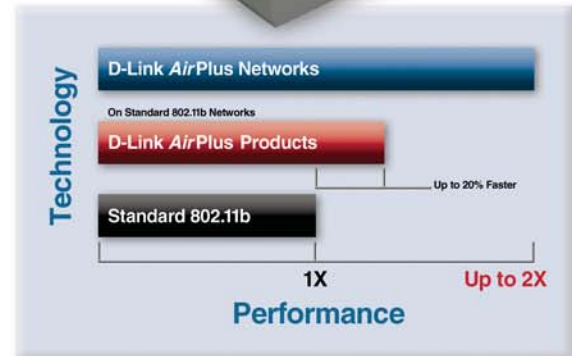
- L = 5.5 (140mm)
- W = 4.5 (114mm)
- H = 1 inch (25.4mm)

Weight

0.44 lbs (200g)

Warranty

3 Year



The D-Link AirPlus DWL-800AP+ is an access point capable of data transfer rates of up to 22Mbps. With its wireless repeating mode, the DWL-800AP+ will extend the range of your wireless network.



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Price and specifications are subject to changes without notice. See inside package for warranty details.

* 24/7 Tech Support is available only in USA.

D-Link®
Building Networks for People