



- Works with other 802.11b-compatible devices
- Easy to install
No software driver required
- OS/Platform Independent

11b
ENHANCED
802.11b

22
Mbps

FOR
ETHERNET
DEVICES

FOR
SET-TOPS/
GAMING
CONSOLES

FREE
24/7
TECH
SUPPORT
(USA ONLY)

AirPlus

Enhanced 2.4GHz Ethernet

Wireless Bridge

D-Link announces another great addition to the D-Link *AirPlus*[™] series of high-speed wireless networking products capable of transfer rates up to 22Mbps—the *DWL-810+ Ethernet-to-Wireless Bridge*.

The D-Link *AirPlus* DWL-810+ converts virtually any Ethernet device—a set-top box, game console, printer, a laptop or a desktop computer—to a wireless network device. Now Ethernet-enabled printers can be shared in the home or office without stringing cable through walls or ceilings. And gamers can join multiple-player video games with others on the Internet using a high-speed broadband connection. The DWL-810+ features advanced silicon chip design from Texas

Instruments, utilizing their patented Digital Signal Processing[™] technology.

With its Web-based configuration and simple setup wizard, the DWL-810+ is easy to install, enabling users to quickly connect to an existing D-Link *Air*, *AirPlus*, or other 802.11b-compliant wireless network. And because it's a D-Link *AirPlus* product, it transfers data much faster than standard 802.11b devices.



The DWL-810+ also features 256-bit WEP encryption for a higher level of security for your communication. Use this inexpensive, compact bridge to expand the number of devices and peripherals available on your wireless network.

AirPlus

Enhanced 2.4GHz Ethernet Wireless Bridge



DWL-810+

SPECIFICATIONS

Standards

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

Port

10/100 Mbps Fast Ethernet
Auto MDIX

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 2.4385GHz

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)

* Environmental factors may adversely affect wireless signal range.

Power Input

External Power Supply
DC 5V, 2.5A

LEDs

- Power (Green)
- WLAN (Yellow)

Transmitter Output Power

15dBm \pm 2dB

External Antenna Type

Detachable 1.0dB 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; or other Java-enabled browsers.

Temperature

Operating: 32°F to 131°F (0°C to 55°C)
Storing: 4°F to 167°F (-20°C to 75°C)

Humidity

95% maximum (non-condensing)

Safety & Emissions

- FCC
- UL

Dimensions

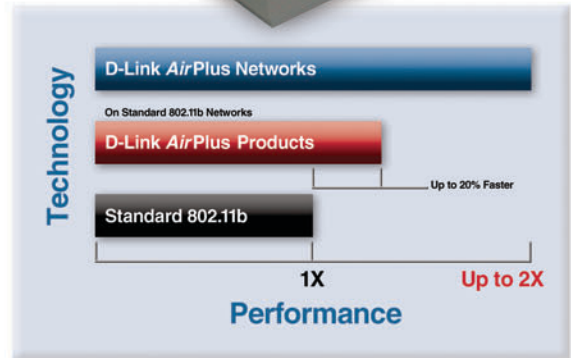
- L = 3.5 inches (90mm)
- W = 3.2 inches (82mm)
- H = 1.6 inches (40mm)

Weight

0.34 lbs (153g)

Warranty

3 Year



The D-Link AirPlus DWL-810+ is an Ethernet-to-Wireless Bridge capable of transfer rates of up to 22Mbps. The DWL-810+ converts an Ethernet-enabled device into a wireless network device.



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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