

DWL-G810



- Up to 54Mbps with D-Link AirPlus Xtreme G™ products
- Easy to Install No Software/Driver Required
- 802.11b Compatible
- OS/Platform Independent

11g
802.11g

54
Mbps

FOR
ETHERNET
DEVICES

FOR
SET-TOPS
GAMING
CONSOLES

FREE
24/7
TECH
SUPPORT
USA ONLY

AirPlus Xtreme G™

High-Speed 802.11g Wireless Bridge

D-Link announces another addition to the D-Link AirPlus Xtreme G™ series of wireless networking products delivering high speed transfer rates of up to 54 Mbps – the DWL-G810 Wireless Bridge.

The DWL-G810 converts virtually any Ethernet-based device—set-top box, game console, printer, laptop, or even desktop—into a wireless network device. By adding the DWL-G810 to your network, printer access and data file transferring from PC to PC can be managed wirelessly without the hassle of stringing cable wires through walls and along ceilings. The DWL-G810 also brings the added bonus for game-lovers: gamers can join multiple-player video games with others on the Internet using a high-speed broadband connection.

The DWL-G810 also features 128-bit WEP encryption and Wi-Fi Protected Access (WPA)

offerings to increase levels of data protection for your existing network. With the provided level of security, unauthorized individuals will not be able to access your network unless granted permission.

Whether running on Windows, Macintosh, or Linux, as long as your personal computer's operating system is Ethernet-based, the DWL-G810 requires no software installation and zero-configuration for drivers giving a true Plug-and-Play experience. The DWL-G810 enables users to quickly connect to other D-Link Air, AirPlus or other 802.11b-compliant devices. This inexpensive high-speed Ethernet Wireless Bridge provides quality performance when expanding the number of devices and peripherals available on your wireless network

AirPlus Xtreme G™

High-Speed 802.11g Wireless Bridge



DWL-G810

SPECIFICATIONS

Standards

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

Device Management

- Web-Based – Internet Explorer v6 or later; Netscape Navigator v6 or later; or other Java-enabled browsers.

Wireless Data Rates

With Automatic Fallback

- 54Mbps
- 48Mbps
- 36Mbps
- 24Mbps
- 18Mbps
- 12Mbps
- 11Mbps
- 9Mbps
- 6Mbps
- 5.5Mbps
- 2Mbps
- 1Mbps

Security

- 64-, 128-WEP
- WPA** —Wi-Fi Protected Access (64-, 128-WEP with TKIP, MIC, IV Expansion, Shared Key Authentication)

Media Access Control

CSMA/CA with ACK

Wireless Frequency Range

2.4GHz to 2.4835GHz

Wireless Operating Range*

Indoors: Up to 328 ft (100 meters)
Outdoors: Up to 1312 ft (400 meters)

Modulation Technology

- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)

Receiver Sensitivity

- 54Mbps OFDM, 10% PER, -68dBm)
- 48Mbps OFDM, 10% PER, -68dBm)
- 36Mbps OFDM, 10% PER, -75dBm)
- 24Mbps OFDM, 10% PER, -79dBm)
- 18Mbps OFDM, 10% PER, -82dBm)
- 12Mbps OFDM, 10% PER, -84dBm)
- 11Mbps CCK, 8% PER, -82dBm)
- 9Mbps OFDM, 10% PER, -87dBm)
- 6Mbps OFDM, 10% PER, -88dBm)
- 5.5Mbps CCK, 8% PER, -85dBm)
- 2Mbps QPSK, 8% PER, -86dBm)
- 1Mbps BPSK, 8% PER, -89dBm)

Wireless Transmit Power

15dBm (32mW) ± 2dB

External Antenna Type

1.0dB gain with reverse SMA connector

Temperature

- Operating: 32°F to 149°F (0°C to 55°C)
- Storing: 4°F to 167°F (-20°C to 75°C)

Humidity

95% maximum (non-condensing)

Power Input

Ext. Power Supply DC 5V, 2.0A

Safety & Emissions

- FCC
- UL

Dimensions

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

Weight

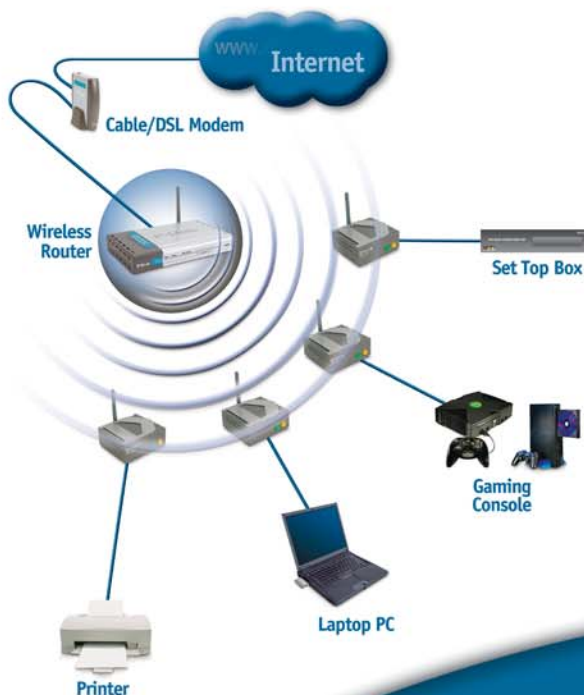
0.34 lbs (153g)

Warranty

3 Year



The AirPlus Xtreme G™ DWL-G810 is a Ethernet-to-Wireless Bridge capable of transfer rates of up to 54Mbps. The DWL-G810 converts an Ethernet-enabled device into a wireless network device.



* Environmental conditions may adversely affect wireless signal range.

**Driver or firmware upgrade download available Q4 2003.

