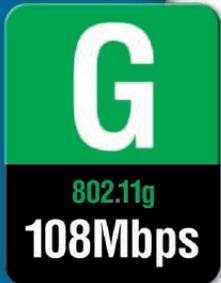


## Make Your Ethernet-enabled Devices Wireless

DWL-G810



- Adds 802.11g Wireless Connectivity to Ethernet-enabled Devices
- Ideal for Ethernet-enabled Media Set-Top Boxes and Network Printers
- No Software Installation Required
- Backward Compatible with 802.11b



# **AirPlus Xtreme G**<sup>™</sup> Ethernet to 802.11g **108Mbps<sup>1</sup> Wireless Bridge**

D-Link announces another addition to the D-Link *AirPlus Xtreme*<sup>™</sup> G series of wireless networking products—the DWL-G810 Wireless Bridge. The DWL-G810 converts your Ethernet-enabled device into an 802.11g wireless device.

Reduce network cable clutter in your home by easily converting your Ethernet-enabled devices into wireless devices, including Ethernet-enabled media set-top boxes or network printer.

While providing the convenience of wireless connectivity, experience exceptional performance that the D-Link *AirPlus Xtreme G* family of products continues to deliver. With a maximum wireless signal rate of up to 108Mbps<sup>1</sup>, the DWL-G810 transfers recorded video from your set-top box to your PC at blazing speeds.

Adding the DWL-G810 to your existing wireless network is simple. Through plug & play setup, the DWL-G810 can be quickly configured to connect to your wireless network in minutes. For advanced configuration, the DWL-G810 has a Web-based admin utility for easy management.

This compact Ethernet-to-Wireless adapter supports several advanced security features including Wi-Fi Protected Access (WPA) and 128-bit WEP encryption for an enhanced secure wireless connection.

The DWL-G810 works with all 802.11g networks and is backwards compatible with 802.11b networks. This high-speed Ethernet-to-Wireless Bridge provides convenience and performance while expanding the number of devices and peripherals into your wireless network.

<sup>1</sup>Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

# AirPlus Xtreme G™

## Ethernet to 802.11g

# 108Mbps<sup>1</sup> 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 Signal Rates<sup>1</sup> With Automatic Fallback

- Super G™ 108Mbps

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

#### Security

- 64/128-bit WEP
- WPA<sup>2</sup> Wi-Fi Protected Access (WPA-PSK)

#### Media Access Control

CSMA/CA with ACK

#### Wireless Frequency Range

2.4GHz to 2.4835GHz

#### Wireless Operating Range<sup>3</sup>

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)

#### Wireless Transmit Power

15dBm (32mW) ± 2dB

#### 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

#### 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)

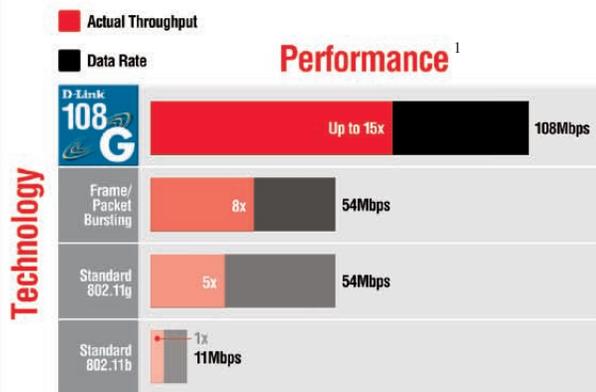
#### Warranty

3 Year

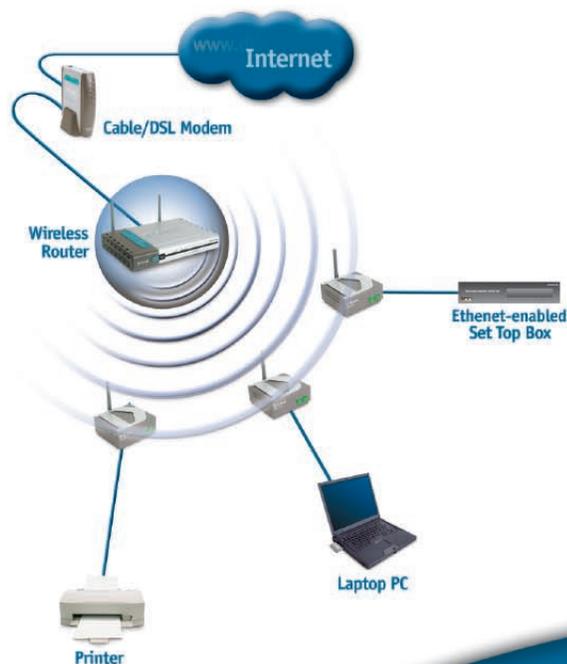
<sup>1</sup> Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

<sup>2</sup> Driver or firmware upgrade download available Q4 2004.

<sup>3</sup> Environmental conditions may adversely affect wireless signal range.



Super G™ performance results are based on testing with other Super G enabled devices utilizing Packet Bursting, FastFrames, Turbo Mode and Compression techniques. Data already compressed may not benefit from the Super G compression technique.



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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