

DWL-G800AP



Up to
54
Mbps!

- Up to 54Mbps with D-Link AirPlus Xtreme G™ products
- 2 Operation Modes
Access Point & Repeater
- 802.11b Compatible when used as an Access Point

AirPlus Xtreme G™

High-Speed 802.11g Wireless Range Extender

11g
802.11g

54
Mbps

WEB
BASED
CONFIGURATION

WPA

FREE
24/7
TECH
SUPPORT
USA ONLY

D-Link, the industry pioneer in wireless networking introduces the latest product in the AirPlus Xtreme G™ family designed to enhance transfer rates and to extend the range of your wireless network – the DWL-G800AP. Using the 802.11g standard, D-Link's DWL-G800AP offers data transfer speeds of up to 54Mbps.

The D-Link AirPlus Xtreme G™ DWL-G800AP is a high-speed 802.11g Wireless Range Extender capable of operating in two modes: Wireless Access Point or Wireless Repeater. In either operation mode, the DWL-G800AP added to an existing wireless network offers the convenience of not dealing with cable wires while providing the same reliable wireless

connection throughout your network—even through architectural obstacles such as walls and ceilings. When used as an access point, the DWL-G800AP is backwards compatible with all 802.11b devices and when used as a repeater, the same strong signal bandwidth gets repeated providing a greater range of wireless connectivity.

The DWL-G800AP 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.

AirPlus Xtreme G™

High-Speed 802.11g Wireless Range Extender

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

Weight

0.44 lbs (200g)

Warranty

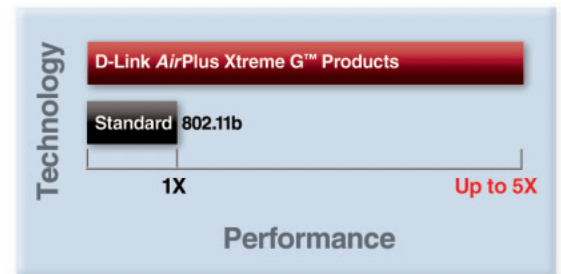
3 Year

* Environmental conditions may adversely affect wireless signal range.

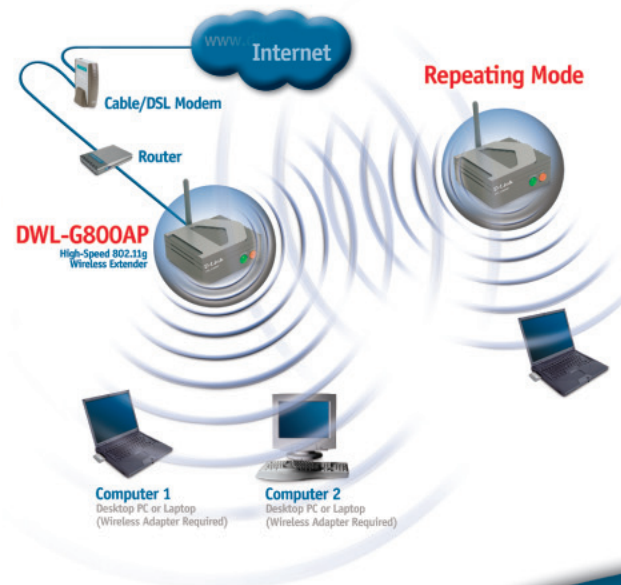
** Driver or firmware upgrade download available Q4 2003.



DWL-G800AP



The D-Link AirPlus Xtreme G™ DWL-G800AP is an Access point capable of data transfer rates of up to 54Mbps. With its wireless repeating mode the DWL-G800AP will extend the range of your wireless network.



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