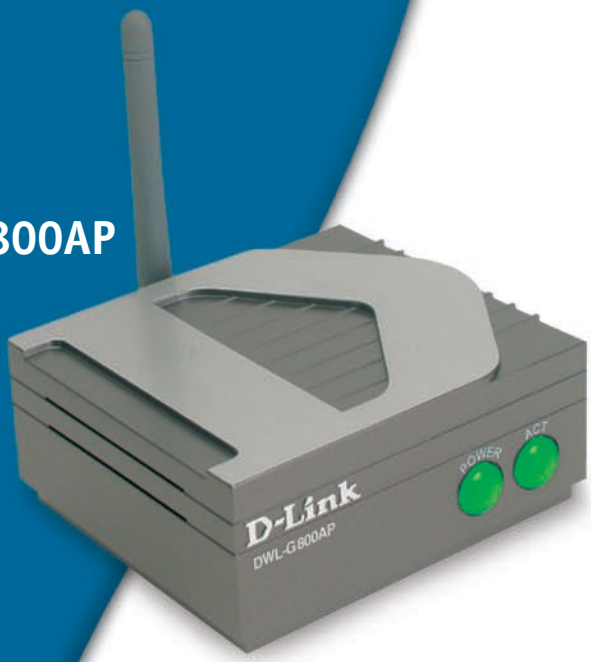
D-Link®
Building Networks for People

Extends Wireless Signal Range

DWL-G800AP



- 2 Operation Modes: Access Point & Repeater
- Up to 54Mbps[1]
- 802.11b Compatible when used as an Access Point
- Enhanced Security with WPA and WEP Encryption

11g 802.11g 54Mbps

2.4 GHz

WEB BASED CONFIGURATION

FREE 24/7 TECH SUPPORT (USA ONLY)*

AirPlus XTREME G®

High-Speed 802.11g Wireless

Range Extender

D-Link, the industry pioneer in wireless networking, introduces the latest product in the *Air*Plus *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 wireless signal rates of up to 54Mbps[1].

The D-Link 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 offers the convenience of eliminating cable wires while providing the same reliable connection throughout your network. When used as an access point, the DWL-G800AP is backwards compatible with all 802.11b devices. When used as a repeater, the same strong signal bandwidth of 802.11g devices is repeated increasing the range of wireless coverage.

The DWL-G800AP also features 128-bit WEP encryption and Wi-Fi Protected Access (WPA), and 802.1x user authentication to enhance the levels of data protection on your existing network. With the provided level of security, unauthorized individuals will not be able to access your network unless granted permission.

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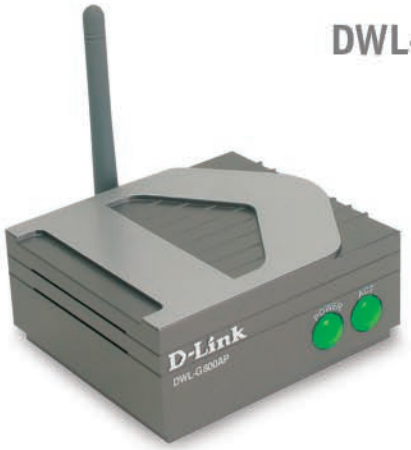
High-Speed 802.11g Wireless Range Extender

DWL-G800AP



SPECIFICATIONS

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

Device Management
- Web-based – Internet Explorer v.6 or later; Netscape Navigator v.6 or later; or other Java- enabled browsers.

Wireless Signal Rates[1]
With Automatic Fallback
- 54Mbps • 48Mbps
- 36Mbps • 24Mbps
- 18Mbps • 12Mbps
- 11Mbps • 9Mbps
- 6Mbps • 5.5Mbps
- 2Mbps • 1Mbps

Security
- 64/128-bit WEP
- WPA —Wi-Fi Protected Access (64/128-bit WEP with TKIP, MIC, IV Expansion, Shared Key Authentication)
- WPA-PSK
- 802.1x

Media Access Control
CSMA/CA with ACK

Wireless Frequency Range
2.4GHz to 2.4835GHz

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 Operating Range[2]
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

External Antenna Type
1.0dBi 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

[1] Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead lower actual data throughput rate.
[2] Environmental conditions may adversely affect wireless signal range.

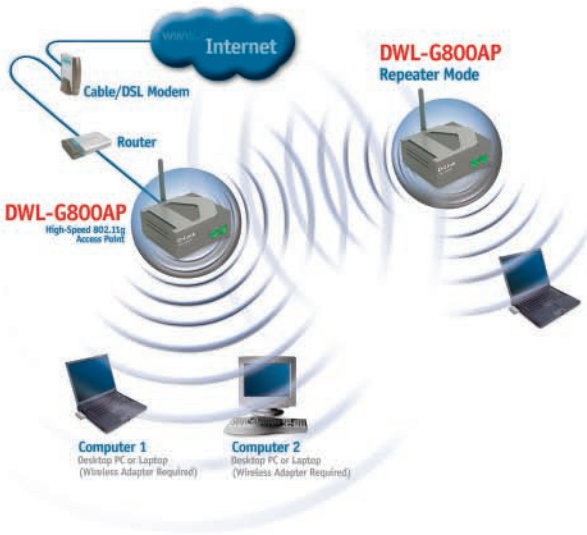
Only Repeats the Wireless Signal of:

D-Link *Air*Plus *Xtreme G*™ DI-624 Wireless Router - Firmware: 2.37 (Rev. C) or Newer

D-Link *Air*Plus *Xtreme G*™ DWL-2000AP Wireless Access Point - Firmware: 1.56 (Rev. A), 2.06 (Rev. B) or Newer

D-Link *Air*Plus *Xtreme G*™ DWL-G800AP Wireless Range Extender

Extend Your Wireless Network!



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