

**D-Link**<sup>®</sup>  
Building Networks for People

*Faster Wireless Networking  
Through USB 2.0*

DWL-G120



- 802.11g Standard, Also Compatible with 802.11b Devices
- Up to 54Mbps with D-Link AirPlus G™ Products
- Increased Security with WPA<sup>1</sup>
- Quick and Easy Setup

**11g**  
802.11g  
54Mbps

**2.4**  
GHz

**HI-SPEED**  
CERTIFIED **USB**  
**USB 2.0**

**FREE**  
**24/7**  
**TECH**  
**SUPPORT**  
USA ONLY!

## **AirPlus™ G** 802.11g/2.4GHz Wireless USB Adapter

D-Link, the industry pioneer in wireless networking, introduces another performance breakthrough in wireless connectivity—the **D-Link AirPlus G™** series of high-speed devices capable of transfer rates up to 54Mbps.

The D-Link AirPlus G™ DWL-G120 USB Adapter is a wireless USB2.0 adapter featuring the very latest in advanced wireless silicon chip technology to deliver incredibly fast data transfer in the 2.4GHz frequency. The DWL-G120 also works with 802.11b standard wireless devices and when used with other D-Link AirPlus G™ products delivers throughput speeds capable of handling heavy data payloads including MPEG video streaming.

The D-Link AirPlus G™ DWL-G120 also includes a configuration utility to discover available wireless networks and create and save detailed connectivity profiles for those networks most often accessed.

The DWL-G120 is a powerful USB 2.0 adapter that installs quickly and easily into any desktop or laptop PC with an available USB port. When used with other D-Link AirPlus G™ products, the DWL-G120 automatically connects to the network. Like all D-Link wireless adapters, the DWL-G120 can be used in ad-hoc mode to connect directly with other 802.11g or 802.11g wirelessly enabled computers for peer-to-peer file sharing or in infrastructure mode to connect with a wireless access point or router for access to the Internet in your office or home network.

<sup>1</sup>—Available Q1 2004 as a free driver download.

# AirPlus™ G

## 802.11g/2.4GHz Wireless USB Adapter

DWL-G120



### SPECIFICATIONS

#### Standards

- USB 2.0<sup>1</sup>
- IEEE 802.11
- IEEE 802.11g
- IEEE 802.11b

#### Bus Type

USB 2.0

#### Data Rates

##### With Automatic Fallback

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

#### Security

- 64-, 128-WEP
- 802.1x
- WPA<sup>2</sup>—Wi-Fi Protected Access

#### Media Access Control

CSMA/CA with ACK

#### Frequency Range

2.4GHz to 2.462GHz

#### Range<sup>3</sup>

Indoors: Up to 328 feet (100 meters)  
Outdoors: Up to 1,312 feet (400 meters)

#### Modulation Technology

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

#### Receiver Sensitivity

- 54Mbps OFDM
- 48Mbps OFDM
- 36Mbps OFDM
- 24Mbps OFDM
- 18Mbps OFDM
- 12Mbps OFDM
- 11Mbps CCK
- 9Mbps OFDM
- 6Mbps OFDM
- 5.5Mbps CCK
- 2Mbps QPSK
- 1Mbps BPSK

#### Transmitter Output Power

15dBm ± 2dB

#### Antenna Type

Omni Directional

#### Temperature

Operating: 32°F to 131°F (0°C to 55°C)  
Storing: 4°F to 167°F (16°C to 75°C)

#### Humidity

95% maximum (non-condensing)

#### Dimensions

- L = 3 inches (76mm)
- W = 2 inches (51mm)
- H = 0.5 inches (14mm)

#### Weight

0.12 lb (55g)

#### Certifications

- FCC part 15b

#### Warranty

3 Year

1—Compatible with USB 1.1 ports. If used with 1.1 ports, throughput may be diminished.

2—Driver or firmware upgrade download available Q1 2004

3—Environmental factors may adversely affect wireless signal range.

D-Link AirPlus G™ products can transfer data up to 5 times faster than standard 802.11b networks. They are also interoperable with 802.11b compliant wireless devices.

Technology

D-Link AirPlus™ G Products

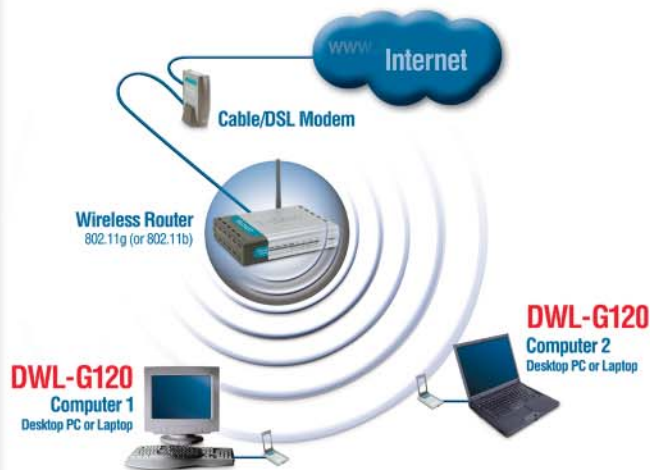
Standard 802.11b

1X

Up to 5X

Performance

The D-Link AirPlus G DWL-G120 is an 802.11g Wireless USB adapter. The DWL-G120 provides wireless access for your USB-enabled desktop or laptop PC. Its compact design allows you to take it wherever you go.



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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.

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