

DWL-G122



- Add 802.11g Wireless Connectivity to Your PC
- Protect Your Network with WPA and 802.1x Security
- Quick Setup with the Convenience of USB
- Connect to 802.11b/g Wireless Networks and Hotspots



AirPlus® G 802.11g/2.4GHz Wireless USB Adapter

D-Link, the industry pioneer in wireless networking, introduces the DWL-G122 USB Adapter, part of the AirPlus™ G family of 802.11g wireless networking devices.

Using the DWL-G122, you can now enable 802.11g wireless connectivity for your PC using the convenience of a USB interface. Featuring the latest in wireless technology, the DWL-G122 delivers incredibly fast performance and industry-wide compatibility. By adhering to the 802.11g wireless standard, the DWL-G122 is capable of quickly transferring large files or view streaming video.

The DWL-G122 includes an easy-to-use configuration that discovers available wireless networks wherever you go. The utility can also create detailed connectivity profiles to save your most frequently used networks.

Using the configuration utility, you can enable support for WPA and 802.1x, for better data encryption and user authentication.

The DWL-G122 is a USB 2.0 adapter that installs quickly and easily into any desktop or laptop PC with an available USB port. You can simply plug in the DWL-G122 to enjoy the freedom of wireless networking. When used with other D-Link AirPlus G products in their default configuration, the DWL-G122 automatically discovers and connects to the wireless network.

Like all other D-Link wireless adapters, the DWL-G122 can be used in peer-to-peer mode (ad-hoc) to directly connect to other 802.11b/g wirelessly enabled computers for direct file sharing, or in client mode (infrastructure) to connect with wireless access points or routers.



AirPlus® G

802.11g/2.4GHz Wireless USB Adapter

DWL-G122



SPECIFICATIONS

Standards

- USB 2.0¹
- IEEE 802.11g
- IEEE 802.11b

Bus Type

USB 2.0

Signal Rates²

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

Media Access Control

CSMA/CA with ACK

Frequency Range

2.4GHz to 2.462GHz

Range³

- 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

14Bm ± 2dB

Antenna Type

Omni Directional

Temperature

Operating: 32°F to 104°F (0°C to 40°C)

Storing: 4°F to 167°F (-20°C to 75°C)

Humidity

80% maximum (non-condensing)

Dimensions

- L = 2.95 inches (75mm)
- W = 0.91 inches (23mm)
- H = 0.7 inches (6.3mm)

Weight

0.021 lb (4.4g)

Certifications

FCC part 15b

Warranty

3 Year

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

² 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.

³ Environmental factors may adversely affect wireless signal range.

Technology

D-Link AirPlus™ G Products

Standard 802.11b

1X

Up to 5X

Performance

The D-Link AirPlus G DWL-G122 is an 802.11g Wireless USB adapter. The DWL-G122 provides wireless access for your USB-enabled desktop or laptop PC. Its compact design allows you to take it wherever you go.

