D-Link®
Building Networks for People

DWL-G120

- 802.11g Standard, Also Compatible with 802.11b Devices

- Up to 54Mbps[1] with D-Link *Air*Plus™ G Products

- Increased Security with WPA

- Quick and Easy Setup

G
802.11g
54Mbps

*Air*Plus® G
802.11g/2.4GHz Wireless
USB Adapter

2.4 GHz

HI-SPEED CERTIFIED USB
USB 2.0

FREE 24/7 TECH SUPPORT
(USA ONLY)†

D-Link, the industry pioneer in wireless networking, introduces another performance breakthrough in wireless connectivity—the **D-Link *Air*Plus™ G** series of high-speed devices capable of maximum wireless signal rates up to 54Mbps[1].

The D-Link *Air*Plus™ G DWL-G120 USB Adapter is a Wireless USB 2.0 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 *Air*Plus G products delivers throughput speeds capable of handling heavy data payloads including MPEG video streaming.

The D-Link *Air*Plus 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 *Air*Plus 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 802.11b 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.

AirPlus® G

802.11g/2.4GHz Wireless
USB Adapter

DWL-G120

SPECIFICATIONS

Standards
- USB 2.0[2]
- IEEE 802.11
- IEEE 802.11g
- IEEE 802.11b

Bus Type
USB 2.0

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

Security
- 64-, 128-WEP
- 802.1x
- WPA—Wi-Fi Protected Access

Media Access Control
CSMA/CA with ACK

Frequency Range
2.4GHz to 2.462GHz

Range[3]
- 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] 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] Compatible with USB 1.1ports. If used with 1.1ports, throughput may be diminished.
[3] Environmental factors may adversely affect wireless signal range.

The D-Link *Air*Plus™ 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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