Wireless 108G USB Adapter

- **Up to 54Mbps Network Data Transfer Rate**
- **108Mbps High-Speed Turbo Mode**
- **Advanced Wireless Network Security**
- **High-Speed USB 2.0 Connection to Desktop/Laptop Computer**
- **Compact Size & Easy Installation**

FEATURES

High Performance
- 108Mbps Turbo Mode Network Data Transfer Rate
- Real Throughput 15 Times Faster Than 802.11b
- 54Mbps Non-Turbo Mode 802.11g Wireless Speed
- High-Speed USB 2.0 Interface to PC

Advanced Security
- 64/128/152-bit WEP data encryption
- WPA/WPA2 EAP, WPA/WPA2 PSK Security
- AES (Advanced Encryption Standard) *

Convenient & Easy Setup
- Compact Pocket-Sized
- USB Cable & Cradle Provided for Convenient Installation
- Windows-Based Setup Utility

Seamless Operation
- Compatible With 802.11b Equipment
- Operates in Windows & Linux Environments
- Certified for operation with Windows XP

* AES and Linux support available in future software upgrade

AirPlusXtremeG™

G 108 **Up to 15X Faster**

The D-Link AirPlusXtreme G™ DWL-G132 is a high-performance wireless USB adapter for desktop and laptop computers. Complying with the 802.11g WLAN standard, this adapter provides wireless speeds of up to 54Mbps and 108Mbps Turbo mode. It's an ideal solution that offers advanced security features, easy setup and an upgrade to a fast, new technology while protecting your past investments through interoperability with earlier 802.11b standard equipment.

108Mbps Turbo Mode Data Transfer Rate. Powered by D-Link 108G Technology, this adapter is capable of delivering maximum wireless signal rates of up to 108Mbps when connected to other D-Link AirPlusXtreme G products. When operating with other 802.11g-compliant equipment, this adapter can transfer data at up to 54Mbps speed, and is an ideal device for wireless applications like large file transfer and streaming video.

Seamless Operation. The DWL-G132 is backward compatible 802.11b devices, so you can maintain connectivity with your existing equipment when you upgrade your network to higher-speed 802.11g. This adapter can be used in the peer-to-peer mode (ad-hoc) to connect directly to other wirelessly enabled computers, or in the client mode (infrastructure) to communicate with other users through an access point or router.

Easy Setup. The DWL-G132 includes an intuitive configuration utility that allows you to discover and connect to other wireless networks in nearby areas. In addition, the utility can also create detailed connectivity profiles of networks you frequently access. You can also enable support for WPA/WPA2 and 802.1x for enhanced data encryption and user authentication.

Compact and Convenient. The DWL-G132 can be directly plugged to your computer's USB port or through a USB cable with an adapter cradle at the other end. This allows you place the adapter on a desktop or any flat surface at a position for best signal reception. Compact in size, robust in speed the DWL-G132 Wireless USB Adapter is great for travel and a convenient solution for providing high performance wireless connectivity to your desktop or notebook PC.

* Maximum wireless signal rate derived from IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

*AirPlusXTREME**G***™

Product Specifications

Standards
- 802.11g wireless LAN
- 802.11b wireless LAN

Host Interface
USB 2.0

Media Access Control Protocol
CSMA/CA with ACK

Network Architecture Types
- Ad-Hoc mode
- Infrastructure mode

Frequency Range
2.4 to 2.4835 GHz

Operating Channels
- US (FCC): 11
- Europe (ETSI): 13
- Canada (DOC): 11

Radio and Modulation Schemes
- 802.11b:
  DQPSK, DBPSK, DSSS, and CCK
- 802.11g:
  BPSK, QPSK, 16QAM, 64QAM, and OFDM

Receive Sensitivity (for 802.11b)
(1000-byte PDU 8% Packet Error Rate)
-82dBm at 11Mbps
-87dBm at 2Mbps

Receive Sensitivity (for 802.11g)
(1000-byte PDU 10% Packet Error Rate)
-88dBm at 6Mbps
-86dBm at 9Mbps
-84dBm at 12Mbps
-82dBm at 18Mbps
-78dBm at 24Mbps
-74dBm at 36Mbps
-69dBm at 48Mbps
-66dBm at 54Mbps

Transmit Output Power (for 802.11b)
+16dBm at 11, 5.5, 2, and 1Mbps

Transmit Output Power (for 802.11g)
+15dBm at 54 and 48Mbps
+16dBm at 36 Mbps
+17dBm at 24, 18, 12, 9, and 6Mbps

Security
- 64/128/152-bit WEP data encryption
- WPA/WPA2 EAP, WPA/WPA2 PSK

Antenna
Internal integrated antenna

Operation Range
- Indoors: up to 100 meters *
- Outdoors: up to 300 meters *

Environmental factors may adversely affect range

Physical & Environmental

Diagnostic LEDs
- Link
- Activity

Operating Voltage
5VDC +/- 5%

Power Consumption
- Transmit mode: 472 mA
- Receive mode: 290 mA

Dimensions
81 (L) x 25 (W) x 1.3 (H) mm

Weight
150 grams (adapter only)

Operating Temperature
0° to 40°C

Storage Temperature
-20° to 75°C

Operating Humidity
20% to 80% non-condensing

Storage Humidity
5% to 95% non-condensing

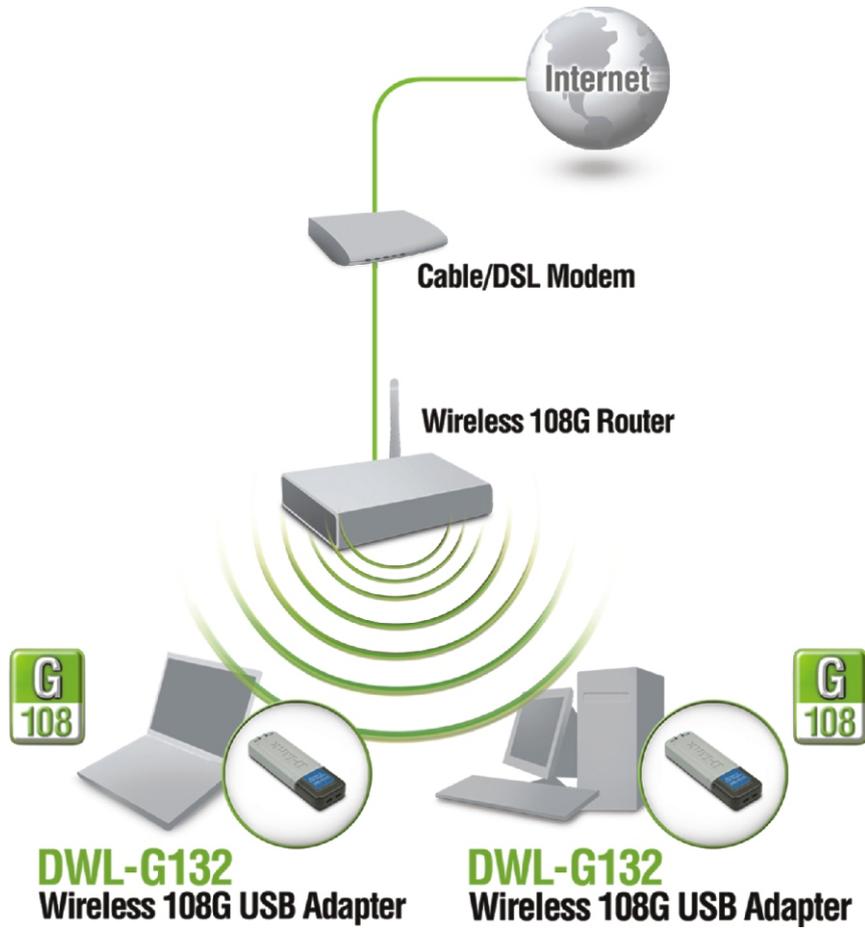**Emission (EMI)**
- FCC Class B
- CE Class B
- R&TTE

OS Support
- Windows 98SE, ME, 2000, XP
- Linux *

Available in future driver upgrade

AirPlusXtremeG™

Internet

Cable/DSL Modem

Wireless 108G Router

DWL-G132
Wireless 108G USB Adapter

DWL-G132
Wireless 108G USB Adapter

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