

DWL-AG660



Up to

15x
Faster

* See Back for Details

- **D-Link 108AG is Backwards Compatible to 11a, 11g, & 11b**
- **Versatility to use 2.4GHz or 5GHz frequency when needed**
- **Connect to any 802.11a, 802.11b and 802.11g wireless network**
- **Enhanced Security Features**

AG

802.11a/802.11g
108Mbps

5 GHz
&
2.4 GHz

D-Link
108
AG

FREE
24/7
TECH
SUPPORT
USA ONLY!

AirPremier[®] **AG** **11a/11g Dualband Wireless** **108Mbps¹ Cardbus Adapter**

D-Link, the industry pioneer in wireless networking, introduces another breakthrough in wireless connectivity — the *D-Link AirPremier*[™] **AG DWL-AG660** Wireless Cardbus Adapter. This tri-mode, dualband adapter gives your laptop PC a versatile way to wirelessly connect to any one of three available wireless networks — 802.11b, 802.11g and 802.11a that operate in two discrete, non-interfering frequency bands: 2.4GHz and 5GHz. So, whether you're at the office, school, at home or enjoying a cup of coffee at a public hotspot, you have the confidence in knowing whatever wireless network is active you can access.

If you're a network administrator or IT manager, by providing DWL-AG660s throughout your organization, you can provide wireless access for your roaming employees at any time. The DWL-AG660 is backwards compatible with all your existing 802.11b-compliant devices. Now, in both the 802.11g and 802.11a bands, maximum wireless signal rates can reach up to 108Mbps¹.

With an 802.11a/b/g access point (*D-Link AirPremier AG DWL-7100AP*) or router (*D-Link AirPremier AG DI-784*),

providing DWL-AG660s adapters to your workforce is an ideal way to quickly expand your wireless network. Be assured that the additional channels available by the APs or routers can handle the additional user load. With the enhancement of D-Link 108AG mode, the DWL-AG660 can achieve a maximum wireless signal rate of up to 108Mbps¹ in a pure D-Link 108AG environment through the use of new wireless technology such as Packet Bursting, FastFrame, Compression & Encryption, and Turbo mode. This provides a bandwidth large enough to handle video/audio streaming and Video on Demand (VoD applications).

WPA (Wi-Fi Protected Access) and 802.1x user authentication are both integrated into the DWL-AG660 chipset to offer enhanced security so employees can communicate with colleagues confidentially or access sensitive data. The DWL-AG660 is a high-performance, versatile cardbus adapter meant for anyone who needs to connect to a wireless network whether at home, at school, or at the office.

Air Premier® AG

11a/11g Dualband Wireless

108Mbps¹ Cardbus Adapter

DWL-AG660



SPECIFICATIONS

Standards

- IEEE 802.11a
- IEEE 802.11g
- IEEE 802.11b

Bus Type

32-bit Cardbus

Signal Rates¹

With Automatic Fallback

• Super AG™ 108Mbps

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

Security

- 64-, 128-WEP
- 802.1x
- WPA—Wi-Fi Protected Access (64/ 128-bit WEP with TKIP, MIC, IV Expansion, Shared Key Authentication)
- Supports Advanced Encryption Standard (AES)

Media Access Control

CSMA/CA with ACK

Frequency Range

- 2.4GHz to 2.5GHz
- 5.150GHz to 5.850GHz

Range²

Indoors: Up to 328 feet
(100 meters)

Power Consumption

- PowerSave mode = 70mW
- Standby mode = 1250mW
- Transmit mode = 1650mW

Modulation Technology

- Orthogonal Frequency Division Multiplexing (OFDM)
- Complementary Code Keying (CCK)
- Direct Sequence Spread Spectrum (DSSS)

Receiver Sensitivity

- 54Mbps OFDM, 10% PER, -73dBm)
- 48Mbps OFDM, 10% PER, -76dBm)
- 36Mbps OFDM, 10% PER, -82dBm)
- 24Mbps OFDM, 10% PER, -85dBm)
- 18Mbps OFDM, 10% PER, -88dBm)
- 12Mbps OFDM, 10% PER, -89dBm)
- 11Mbps CCK, 8% PER, -91dBm)
- 9Mbps OFDM, 10% PER, -90dBm)
- 6Mbps OFDM, 10% PER, -91dBm)
- 5.5Mbps CCK, 8% PER, -92dBm)
- 2Mbps QPSK, 8% PER, -93dBm)
- 1Mbps BPSK, 8% PER, -94dBm)

Transmitter Output Power

15dBm ± 2dB

LEDs

- Power
- Activity

Internal Antenna Type

Dual Antenna Diversity Switching

Operating Temperature

32°F to 131°F (0°C to 55°C)

Humidity

95% maximum (non-condensing)

Dimensions

- L = 4.64 (114.3mm)
- W = 2.13 (54mm)
- H = 0.34 inches (8.7mm)

Weight

0.12 lb (55g)

Warranty

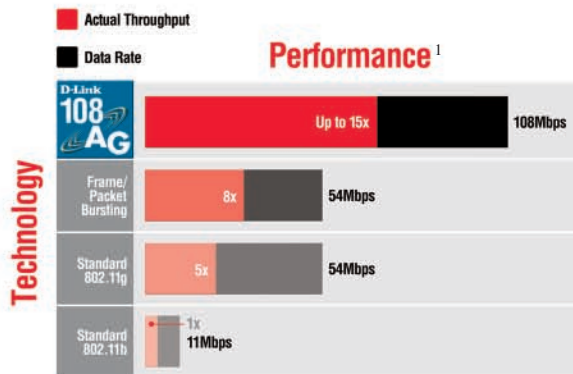
3 Year

Supported Operating Systems

- Windows 98 SE
- Windows ME
- Windows 2000
- Windows XP

¹ Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11b and 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.



D-Link 108AG performance results are based on testing with other D-Link 108AG enabled devices utilizing Packet Bursting, FastFrames, Turbo Mode and Compression techniques. Data already compressed may not benefit from the D-Link 108AG compression technique.



Faster Wireless Networking
from Your Laptop PC



D-Link Systems, Inc. 17595 Mt. Herrmann Street Fountain Valley CA 92708 www.dlink.com

©2004 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, the D-Link logo and AirPremier are registered trademarks of D-Link Corporation or its subsidiaries in the United States and other countries. Other trademarks are the property of their respective owners. All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein. Visit www.dlink.com for more details.

D-Link®
Building Networks for People