



WIRELESS 108G USB 2.0 ADAPTER

WIRELESS PROTECTION

Connect to secure wireless networks using WEP, WPA and WPA2

HIGH PERFORMANCE, WIDE COVERAGE

Up to 108Mbps Turbo Mode wireless speed. eXtended Range for wider wireless coverage range

USB 2.0 INTERFACE

High-speed USB 2.0 interface to PC host



ULTIMATE PERFORMANCE

The DWA-120 Wireless 108 G USB 2.0 adapter delivers unrivaled cost-effective wireless performance for desktop and laptop PCs. Users can easily upgrade their wireless networks by adding this 802.11g standard adapter to wirelessly share photos, files, music, video, printers, storage and access Internet. Enhance Internet experience with a faster wireless connection and enjoy smooth digital phone calls, gaming, downloading, and video streaming.

GET CONNECTED WITH FASTER WIRELESS SPEEDS

Powered by D-Link 108 G technology, this adapter provides wireless performance up to 108Mbps Turbo mode. 1 This high-performance USB 2.0 adapter is designed for users who demand higher networking performance. Maximize wireless performance by connecting this adapter to a Wireless 180 G Router. For backward compatibility, it is seamlessly interoperable with 802.11b wireless networks. This adapter supports WPA/WPA2 security and WEP data encryption to help prevent outside intrusion and protect your personal information from being exposed.

EASY TO SETUP, EASY TO USE

D-Link Quick Install Wizard guides users step-by-step through the installation process. Configure this adapter without having to call a networking expert for help. A D-Link Wireless Connection Management utility is included with this product to keep track of all most frequently accessed networks. With unmatched 802.11g performance and wireless security, this adapter is the best choice for adding wireless connectivity to desktop and laptop computers.

WHAT THIS PRODUCT DOES

Upgrade your desktop and laptop computers' wireless connectivity with the D-Link Wireless 108 G network adapter and 108 G router for a faster wireless connection. Once connected, you can access your network's high-speed Internet while also getting secure access to shared photos, files, music, video, printers and storage.

GET CONNECTED, STAY CONNECTED

Based on the 802.11g wireless LAN standard specifications, D-Link Wireless 108 G adapters, routers and access points provide real world performance that can be up to 108Mbps when operating in the Turbo mode in conjunction with other D-Link Wireless 108 G devices. This allows wireless network connection to perform smoothly for bandwidth-demanding applications such as multimedia and Internet phone.



TECHNICAL SPECIFICATIONS

SYSTEM REQUIREMENTS

- + Windows 98 SE, ME, XP SP2, 2000 SP4 or Vista
- + CD-ROM drive
- + 20MB hard disk space
- + Available USB port

STANDARDS

- + IEEE 802.11g
- + IEEE 802.11b
- + USB 2.0

FREQUENCY RANGE

- + 2412 to 2462MHz (North America)
- + 2412 to 2472MHz (General Europe)

EMISSION SCHEMES

DSSS, OFDM

DATA MODULATION SCHEMES

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

DATA RATES¹

- + 802.11g: 6/9/12/18/24/36/48/54Mbps, 108Mbps (Turbo mode)
- + 802.11b: 1/2/5.5/11Mbps

ANTENNA

INTEGRATED ANTENNA

RECEIVE SENSITIVITY (802.11b)

(8% Error Rate)

- + -82dBm at 11Mbps
- + -87dBm at 2Mbps

RECEIVE SENSITIVITY (802.11g)

(1000-byte PDUs, 10% 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 (802.11B)

16dBm (+/-2dB) at 11, 5.5, 2, and 1Mbps

TRANSMIT OUTPUT POWER (802.11G)

- + 14dBm at 54 and 48Mbps
- + 16DBM AT 36 MBPS
- + 16DBM AT 24, 18, 12, 9, AND 6MBPS

SECURITY

- + 64/128/152-bit WEP data encryption
- + Wi-Fi Protected Access (WPA, WPA2)
- + AES³

QUALITY OF SERVICE (QOS)

- + 802.11e
- + WMM

CONFIGURATION/SECURITY SETTING

- + Quick Install Wizard
- + D-Link Wireless Connection

O.S. SUPPORT

Windows 98 SE, ME, 2000, XP, VISTA

DIAGNOSTIC LEDS

- + Activity

OPERATING VOLTAGE

5VDC +/- 5%

POWER CONSUMPTION

- + Continuous transmit mode: 472 mA
- + Continuous receive mode: 290 mA

DIMENSIONS

87 x 28 x 12 mm

OPERATING TEMPERATURE

0° to 40° C

STORAGE TEMPERATURE

-20° to 65° C

OPERATING HUMIDITY

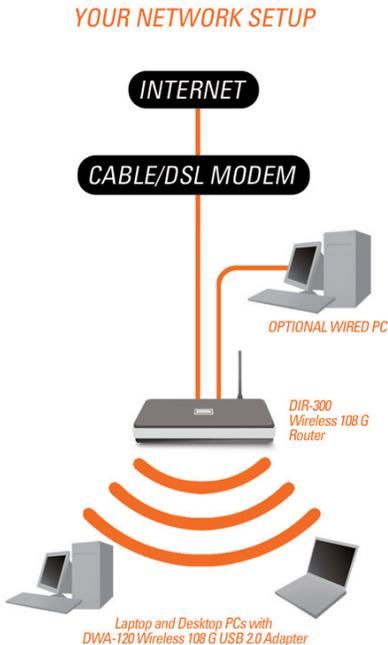
10% to 90% non-condensing

STORAGE HUMIDITY

5% to 95% non-condensing

CERTIFICATIONS

- + FCC Class B
- + CE
- + C-Tick
- + IC



¹ 54Mbps maximum wireless signal rate derived from IEEE standard 802.11g specifications. 108Mbps Turbo speed when operating with other D-Link Wireless 108 G products. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

² Maximum output power setting varies according to individual country.

³ Feature available in future driver upgrade.

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