



— DWL-G810

802.11g Ethernet to Wireless LAN Client Adapter

The AirPlusXtremeG™ DWL-G810 is a high-speed Ethernet-to-Wireless LAN Client Adapter that converts virtually any Ethernet device such as set-top box, game console, printer, laptop and desktop computer to a wireless network device. The DWL-G810 acts as a client bridge between Ethernet and a wireless LAN, providing seamless integration between the two network types. With the DWL-G810, you can also share Ethernet-enabled printers in the home or office without stringing cable through walls or ceilings. Gamers can join multiple-player video games with others on the Internet wirelessly, using a high-speed broadband connection.

Up to 54Mbps Transmission Speed

The DWL-G810 provides speeds of up to 108Mbps Super G Turbo mode when used with other D-Link AirPlusXtremeG™ and other 802.11g products. This compares favorably with 802.11b devices that offer 11Mbps transmission. The DWL-G810 provides all the high speed using a single 2.4GHz wireless frequency, eliminating the complexity of dualband networking. This enhanced speed and adoption of 2.4GHz frequency, now available for public use in most countries, plus the mobility and convenience inherent in a wireless LAN, make this device an ideal solution for bandwidth intensive WLAN applications.

Plug and Play

Simply plug this compact device to an Ethernet interface, and your computer, print server, game console and other equipment will instantly become a wireless LAN device. No configuration is necessary. Your device can transparently operate on a D-Link AirPlusXtremeG™, 802.11g or any 802.11b wireless network.

Easy Settings

With its Web-based configuration interface, more advanced settings can be applied in the DWL-G810. When connecting to another DWL-G810, this Ethernet to Wireless LAN Client Adapter requires no configuration at all. You can use

the convenient Setup Wizard for the easy installation of your DWL-G810. Whether you are using it in Ad-Hoc mode or Infrastructure mode, you can begin with the Setup Wizard.

Interoperable With Wireless LAN Equipment

DWL-G810 interoperates with all 802.11b and 802.11g wireless equipment. This Ethernet-to-Wireless LAN Client Adapter offers multiple non-overlapping channels to minimize interference from other wireless networks.

Security

The DWL-G810 provides choices of 64-bit, 128-bit and 152-bit WEP (Wired Equivalent Privacy) encryption, giving you an increased level of protection for sensitive data transmission and prevention of intruders from gaining access to your network connection. WPA is supported.

Cost-effective

The DWL-G810's low cost allows you to convert any Ethernet device or network adapter to a wireless device. In the ad-hoc mode, the DWL-G810 even lets your wired network device operate with other wireless devices without the need for any Access Point.

Key Features

- Easy, fast wireless connection for Ethernet devices
- 802.11g wireless LAN standard
- 2.4GHz frequency band
- Up to 108Mbps Turbo mode data transfer rate
- 10/100Mbps Ethernet port with auto MDI/MDIX connection to network device
- WPA security, 64/128/152-bit WEP data encryption
- Ad-hoc and infrastructure modes
- Web-based configuration

DWL-G810

Technical Specifications

Standards

- IEEE 802.11g wireless LAN
- IEEE 802.3/802.3u 10BASE-T/100BASE-TX Fast Ethernet

Adapter Type

Fast Ethernet to 802.11g Wireless LAN

Device Port

10/100BASE-TX Ethernet port with auto MDI/MDIX

Media Access Control Protocol

CSMA/CA with ACK

Network Architecture Types

Supports ad-hoc and infrastructure modes

Operating Mode

Wireless client

Network Transfer Rate/Modulation Technique

- 802.11b:
 - 11Mbps, 5.5Mbps: CCK
 - 2Mbps: DQPSK
 - 1Mbps: DBPSK
- 802.11g:
 - 108Mbps Super G, 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps, 6Mbps: OFDM (Orthogonal Frequency Division Multiplexing)

Frequency Range

2.4 to 2.4835 GHz

Operating Channels

- 1 to 11 channels (FCC)
- 1 to 13 channels (ETSI)

Antenna

2dBi Gain detachable external dipole antenna (reverse SMA connector)

Operating Range *

- Indoor: up to 100 meters (328 feet)
- Outdoor: up to 400 meters (1,312 feet)

* Environmental factors may adversely affect range

Transmitter Output Power

15dBm (32mW) +/- 2dB

Data Security

- WEP 64/128/152-bit data encryption (user-selectable)
- Wi-Fi™ Protected Access with TKIP, MIC, IV Expansion, Shared Key Authentication

Configuration/Management

Web-based (Internet Explorer v.6 or later, Netscape Navigator v.7 or later, or other Java-enabled browsers)

Physical & Environmental

Diagnostic LEDs

- Power
- WLAN

DC Input

5V 2.0A

Power Supply

Through external power adapter

Dimensions

90 (L) x 82 (W) x 40 (H) mm

Weight

153 grams

Operating Temperature

0° to 55 °C

Storage Temperature

-20° to 75 °C

Humidity

Up to 95% non-condensing

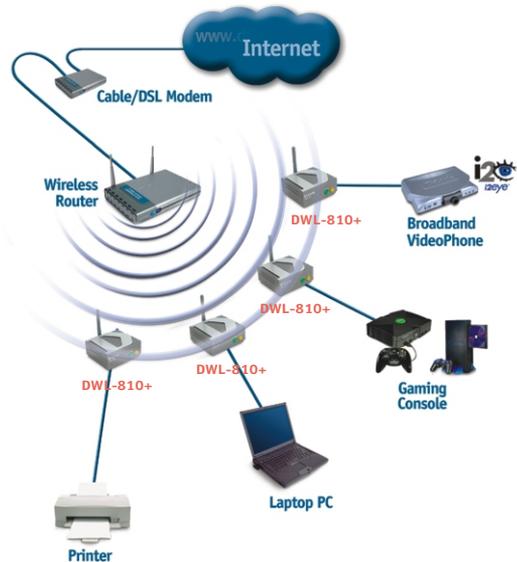
2.4GHz Wireless LAN

Emission Certification

- FCC Class B
- CE Class B

Safety Certification

UL



Connecting Ethernet Devices to a Wireless Network



LISTED
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E141136
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Ordering Information

DWL-G810 802.11g Ethernet-to-Wireless LAN Client Adapter

Please specify your model number as follows:

DWL-G810/ANA	US standard AC power adapter, North America frequency
DWL-G810/ENA	EU standard AC power adapter, North America frequency
DWL-G810/BEU	UK standard AC power adapter, EU frequency
DWL-G810/EEU	EU standard AC power adapter, EU frequency
DWL-G810/NEU	Australia standard AC power adapter, EU frequency
DWL-G810/CN	For China
TDWL-G810	For Taiwan

D-Link®

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U.S.A	TEL: 1-714-885-6000	FAX: 1-866-743-4905
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223
Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium	TEL: 32(0)2-517-7111	FAX: 32(0)2-517-6500
Italy	TEL: 39-2-2900-0676	FAX: 39-2-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8564-61900	FAX: 46-(0)8564-61901
Norway	TEL: 47-22-309075	FAX: 47-22-309085
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Finland	TEL: 358-9-2707-5080	FAX: 358-9-2707-5081
Singapore	TEL: 65-6774-6233	FAX: 65-6774-6322
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
Japan	TEL: 81-3-5434-9678	FAX: 81-3-5434-9868
China	TEL: 86-10-8518-2533	FAX: 86-10-8518-2250
India	TEL: 91-022-652-6696	FAX: 91-022-652-8914
Middle East (Dubai)	TEL: 9714-8834234	FAX: 9714-8834394
Turkey	TEL: 90-212-335-2553	FAX: 90-212-335-2500
Egypt	TEL: 202-414-4295	FAX: 202-415-6704
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latinamerica	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brasil	TEL: 55-11-55039320	FAX: 55-11-55039321
South Africa	TEL: 27(0)1266-52165	FAX: 27(0)1266-52186
Russia	TEL: 7-095-744-0099	FAX: 7-095-744-0099#350
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
D-Link Corp.	TEL: 886-2-2916-1600	FAX: 886-2-2914-6299



RECYCLABLE
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