



— DWL-810

This pocket-sized adapter plugs to the Ethernet port of a PC, print server or game console to convert it into a 802.11b wireless LAN device.

802.11b Ethernet to Wireless LAN Client Adapter

The D-Link Air DWL-810 is an 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-810 acts as a client bridge between Ethernet and 802.11b wireless LAN, providing seamless integration between the two network types. With the DWL-810, 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.

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 Air, AirPlus, or any 802.11b wireless network.

Advanced Settings

With its Web-based configuration interface, more advanced settings can be applied in the DWL-810. When connecting to another DWL-810, this Ethernet to Wireless LAN Client Adapter requires no configuration at all.

Interoperable With Wireless LAN Equipment

Strict adherence to the latest IEEE 802.11b specifications makes the DWL-810 interoperable with all 802.11b wireless equipment. This Ethernet-to-Wireless LAN

Client Adapter offers multiple non-overlapping channels to minimize interference from other 802.11b networks.

Data Security

The DWL-810 provides 128-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.

Cost-effective

The DWL-810 is inexpensive. Its low cost allows you to convert any Ethernet device or network adapter to a wireless device. In the ad-hoc mode, the DWL-810 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
- IEEE 802.11b industry standard compliance
- 2.4GHz frequency band Direct Sequence Spread Spectrum (DSSS)
- Up to 11Mbps data transfer rate
- 10BASE-T Ethernet port connection to network device
- Security with 64/128-bit WEP data encryption
- Ad-hoc and infrastructure modes
- Web-based configuration

DWL-810

Technical Specifications

Standards

- IEEE 802.11b wireless LAN
- IEEE 802.3 10BASE-T Ethernet

Adapter Type

IEEE 802.3 Ethernet to IEEE 802.11b Wireless LAN

Device Port

RJ-45 10BASE-T Ethernet port

Media Access Control Protocol

CSMA/CA

Network Architecture Types

Supports ad-hoc and infrastructure modes

Operating Mode

Wireless client

Data Rates

- 11 Mbps
- 5.5 Mbps
- 2 Mbps
- 1 Mbps
- Auto fall-back

Data Rate & Modulation

- 11Mbps: CCK
- 5.5Mbps: CCK
- 2Mbps: DQPSK
- 1Mbps: DBPSK

Frequency Range

2.4 - 2.4835 GHz

Modulation Technique

Direct Sequence Spread Spectrum (DSSS)

Operating Channels

- North America (FCC): 11
- Canada (DOC): 11
- Europe (ETSI): 13 (Except Spain and France)
- Japan (MKK): 14

Antenna

Internal diversity patch

Range Coverage

- Indoors: 35 - 100 meters (115 - 328 feet)
- Outdoors: 100 - 300 meters (328 - 984 feet)

Data Security

64-bit and 128-bit WEP (Wired Equivalent Privacy) encryption

Key Management

Automatic Dynamic Key Allocation (ADKA) through public key

Physical & Environmental

Diagnostic LEDs

- Power
- Link/Activity

Operating Voltage

5V 2.5A

Power Supply

Through AC power adapter

Dimensions

90 (L) x 81.5 (W) x 40 (H) mm
(3.5 x 3.2 x 1.6 inches)

Operating Temperature

14° - 131° C (-10° - 55° F)

Storage Temperature

-4° - 167° C (-20° - 75° F)

Humidity

Up to 95% non-condensing

2.4GHz Wireless LAN

Emission Certification

- FCC Part 15b (Class B)
- CE Class B

Safety Certification

UL



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E141136
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Ordering Information

DWL-810 Ethernet-to-IEEE 802.11b Wireless LAN Client Adapter

Please specify your model number as follows:

DWL-810/ANA	US standard AC power adapter, North America frequency channels
DWL-810/BEU	UK standard AC power adapter, EU frequency channels
DWL-810/EEU	EU standard AC power adapter, EU frequency channels
DWL-810/NEU	Australia standard AC power adapter, EU frequency channels
DWL-810/UNA	No AC power adapter, North America frequency channels
DWL-810/UEU	No AC power adapter, EU frequency channels

D-Link®

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Europe	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
U.K.	TEL: 44-20-8731-5555	FAX: 44-20-8731-5511
Germany	TEL: 49-61- 96779900	FAX: 49-61-967799300
France	TEL: 33-1-30238688	FAX: 33-1-30238689
Benelux	TEL: 31-10-204-5740	FAX: 31-10-204-5880
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
Iberia	TEL: 34-93-4090770	FAX: 34-93-4910795
Sweden	TEL: 46-(0)8-564-61900	FAX: 46-(0)8-564-61901
Norway	TEL: 47-22-991890	FAX: 47-22-205700
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: 86-010-8518-2533	FAX: 86-010-8518-2250
India	TEL: 91-22-652-6696	FAX: 91-22-652-8914
Middle East	TEL: 202-6356176	FAX: 202-6356192
South America	TEL: 56-2-232-3185	FAX: 56-2-232-0923
Brazil	TEL: 55-11-3094-2910	FAX: 55-11-3094-2921
South Africa	TEL: 27(0)126652165	FAX: 27(0)126652186
Russia	TEL: 7-095-737-3389	FAX: 7-095-737-3390
Taiwan	TEL: 886-2-2910-2626	FAX: 886-2-2910-1515
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