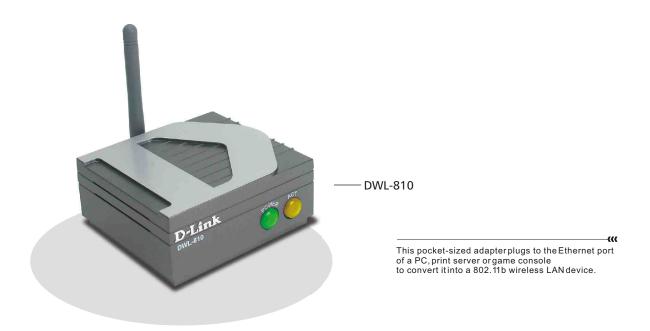
D-Link



802.11b Ethernet to Wireless LAN Client Adapter

The D-LinkAir 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-LinkAir, 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 Ethernetto 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 transferrate

- 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 Ethernetto IEEE 802.11b Wireless LAN

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 $(3.5 \times 3.2 \times 1.6 \text{ inches})$

Operating Temperature

14° - 13 f 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







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

UK standard AC power adapter, EU frequency channels EU standard AC power adapter, EU frequency channels Australia standard AC power adapter, EU frequency DWL-810/BEU DWL-810/EEU DWL-810/NEU

channels

DWL-810/UNA No AC power adapter, North America frequency channels DWL-810/UEU No AC power adapter, EU frequency channels



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Brasil

Russia

So uth Africa

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