



DWL-810

NEW!
Converts virtually
any Ethernet device
to Wireless

- Plug & Play
(No Driver Required)
- Compact Design
- Fully 802.11b
Compatible
- OS/Platform
Independent



Air Wireless Network *2.4GHz Ethernet-to-Wireless* **Bridge**

The **D-Link Air DWL-810** is an Ethernet-to-Wireless Bridge that converts virtually any Ethernet device — a set-top box, game console, printer, a laptop or desktop computer — to a wireless network device. Now Ethernet-enabled printers can be shared in the home or office without stringing cable through walls or ceilings. And gamers can join multiple-player video games with others on the Internet using a high-speed broadband connection.

With its Web-based configuration interface, the DWL-810 is easy to install, enabling users to quickly connect to an existing D-Link *Air*, *AirPlus*, or any 802.11b wireless network. More advanced settings can also be applied in the interface. When connecting to another DWL-810, the bridge requires no configuration at all!

Strict adherence to the latest IEEE 802.11b specifications makes the D-LinkAir DWL-810 interoperable with all 802.11b wireless equipment. This Ethernet-to-Wireless bridge offers eleven channels, three of which are non-overlapping, to minimize interference from other 802.11b networks. It also includes 128-bit WEP (Wired Equivalent Privacy) encryption, providing an increased level of protection for sensitive data transmissions and to help prevent intruders from gaining access to the network connection.

This inexpensive, compact bridge can be used in so many ways to extend the range, availability and functionality of wireless networks whether at home or in office environments.

Air Wireless Network

2.4GHz Ethernet-to-Wireless Bridge

SPECIFICATIONS

Standards

- IEEE 802.11b
- IEEE 802.3 Ethernet

Adapter Type

- IEEE 802.3 Ethernet to IEEE 802.11b Wireless

Data Security

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

Data Rate in Mbps

- 11 : CCK
- 5.5 : CCK
- 2 : DQPSK
- 1 : DBSK

Range

- Indoors – 115 to 328 feet (35 to 100 meters) per cell
- Outdoors – 328 feet to 984 feet (100 to 300 meters) per cell

Network Architecture

- Supports Ad-Hoc Mode (Peer-to-Peer without Access Point) or Infrastructure Mode (Communications to wired networks via Access Points with Roaming)

Antenna

- External

Frequency Range

- 2.4 – 2.4835 GHz, Direct Sequence Spread Spectrum (DSSS)

Operating Channels

- 1-11 United States (FCC)

Physical Dimensions

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

Temperature

- Operating Temperature: 14°F to 131°F (-10°C to 55°C)
- Storage Temperature: -4°F to 167°F (-20°C to 75°C)

Humidity

- Maximum up to 95% Non-condensing

Emissions

- FCC
- CE

TCP/IP Protocols

- DHCP

Key Management

- Automatic Dynamic Key Allocation (ADKA) through public key

Ports

- One (1) 10Mbps RJ-45

Diagnostic LED

- Power
- Link/Activity

Power Specifications

- Operating Voltage: +5V 2.4A

Certifications

- UL
- FCC

Product Information

Part No: DWL-810

Description: 2.4GHz Ethernet-to-Wireless Bridge

UPC: 790069-243059



Express Ethernet-to-Wireless Access



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