



802.11g High-Speed Router/AP

The DWL-G730AP Wireless Compact Router/AP is a portable and convenient wireless solution for the traveling business person delivering 802.11g wireless connectivity with a maximum wireless signal rate of up to 54Mbps. This compact-sized device is very convenient for use in conference rooms, hotel rooms, or even at hotspots. This portable wireless networking solution is especially designed for business travelers wanting to access and share hotel Internet connections, wirelessly connect Ethernet devices or secure shared information from potential hackers.

Dual Access Points & Router Functions

The Wireless Compact Router/AP might be small in size, but is huge in functionality. The DWL-G730AP supports multiple operation modes including: Access Point (AP) mode to create a wireless connection; Router mode to share an Internet connection; and Wireless Client mode to connect an existing wireless network. Easily switch between these modes by using the 3-way configuration switch located at the bottom.

In AP mode, the DWL-G730AP can be used to create a wireless network in a room where a single Ethernet port is provided. Now multiple wireless clients can connect to the network at the same time to share resources and files.

In Router mode, the DWL-G730AP can be used to share a single broadband Internet connection, such as in a hotel room. The internal DHCP server automatically assigns IP addresses to ensure everyone in the room can connect to the Internet. In addition, the DWL-G730AP supports VPN Pass-through and firewall features including Network Address Translation (NAT) and MAC filtering to protect your wireless network from malicious attacks.

Wireless Connections Without AC Power Source

When set in Wireless Client mode, the DWL-G730AP allows connection to an existing wireless network, without having to install complicated drivers or additional software. For added mobility, the DWL-G730AP can be powered over USB if power outlets are not available.

Enhanced Network Security

The Compact Router/AP supports WPA-PSK to secure your wireless data communications. In AP mode, the DWL-G730AP adds support for 802.1x user authentication with an external RADIUS server. For setup and configuration the DWL-G730AP can be accessed via D-Link's user-friendly Web-based utility.

Convenient For Traveling

The DWL-G730AP is smaller than the average PDA, easy to pack and convenient for traveling. It comes with an attractive traveling case, which also provides accessories including cables and a power adapter.

* Maximum wireless signal rate based on IEEE Standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

Features

- Portable 802.11g wireless connectivity
- Up to 54Mbps wireless speed
- Compact-sized, lightweight, ideal for traveling
- Can be used as an access point, wireless router, or wireless client
- Includes convenient travel case
- Supports power over USB

DWL-G730AP

Technical Specifications

Standards

- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.3
- IEEE 802.3u

Network Data Transfer Rates

- For 802.11g:
54, 48, 36, 24, 18, 12, 9 and 6Mbps
- For 802.11b:
11, 5.5, 2, and 1Mbps

Wireless Frequency Range

2.412GHz to 2.462GHz

Wireless Operating Range *

(802.11g full power with internal antenna, outdoors)

- 50 m (164ft) @ 54Mbps
- 150 m (492ft) @ 11Mbps
- 200 m (656ft) @ 6Mbps

* Environmental factors may affect operation range.

Radio and Modulation Type (for 802.11g)

- OFDM:
BPSK @ 6 and 9Mbps
QPSK @ 12 and 18Mbps
16QAM @ 24 and 36Mbps
64QAM @ 48 and 54Mbps
- DSSS:
DBPSK @ 1Mbps
DQPSK @ 2Mbps
CCK @ 5.5 and 11Mbps

Radio and Modulation Type (for 802.11b)

- DSSS:
DBPSK @ 1Mbps
DQPSK @ 2Mbps
CCK @ 5.5 and 11Mbps

Wireless Transmit Power

(Typical RF Output Power at each Data Rate)

- For 802.11g:
31mW (15dBm) @ 54Mbps
40mW (16dBm) @ 48Mbps
40mW (16dBm) @ 36, 24, 18, 12, 9, and 6Mbps
- For 802.11b:
50mW (17dBm) @ 11, 5.5, 2, and 1Mbps

Receiver Sensitivity

- For 802.11g:
6Mbps: -87dBm
9Mbps: -85dBm
12Mbps: -82dBm
18Mbps: -81dBm
24Mbps: -80dBm
36Mbps: -79dBm
48Mbps: -71dBm
54Mbps: -69dBm
- For 802.11b:
1Mbps: -90dBm
2Mbps: -90dBm
5.5Mbps: -86dBm
11Mbps: -85dBm

Security

- 64/128-bit WEP data encryption
- WPAPSK security
- MAC address filtering
- SSID broadcast disable

Device Management

Web-Based Internet Explorer v.6 or Netscape Navigator v.7

Physical & Environmental

LEDs

- Power
- LAN
- WLAN

Power

External Power Supply DC 5V/1.2A

2.4GHz Wireless LAN

Dimensions

80 (L) x 60 (W) x 17 (H) mm (3.15 x 2.36 x 0.67 inches)

Weight

50 grams (0.11 lb)

Operating Temperature

0° to 55 °C (32° to 131 °F)

Storage Temperature

-20° to 65 °C (-4° to 149 °F)

Operating Humidity

10% to 90% (non-condensing)

Storage Humidity

5% to 95% (non-condensing)

Certifications

- FCC Class B
- CE



Ordering Information

DWL-G730AP

802.11g Compact Router/AP

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