Wireless AP — Power | Status | Link/Act | WEP | MAC Ctrl | Bridge | LAN 1 2 — DAP-1160
WPA | Repeater

WIRELESS G ACCESS POINT

SEVEN OPERATION MODES
Can be flexibly configured to operate as an Access Point, AP Client, Bridge, Bridge with AP, Repeater, WISP Client Router or WISP Repeater

TOTAL SECURITY
Complete set of security features including WEP encryption and WPA/WPA2 to protect network against outside intruders

TWO INTEGRATED ETHERNET PORTS
Two Ethernet ports for ready connection to two computers, or to an Ethernet-enabled device (e.g. a broadband router) and a PC

CONNECT HOME AND SOHO TO A WIRELESS NETWORK
Create a wireless network for your home and office using the D-Link DAP-1160 is an 802.11g standard Wireless Access Point. Connect this Access Point to a broadband modem and wirelessly share your Internet connection. Enjoy surfing the web, checking e-mail, and chatting with family and friends online.

PROTECT WIRELESS NETWORK AND DATA
The DAP-1160 provides 64/128-bit WEP encryption and WPA/WPA2 security to protect your network and wireless data. In addition, it also provides MAC address filtering and the Disable SSID Broadcast function to limit outsiders' access to your home and office network.

FLEXIBLY CONFIGURE YOUR AP FOR DIFFERENT APPLICATIONS
The DAP-1160 can be configured to operate as (1) an Access Point to act as a central hub for wireless users, (2) an AP Client to connect to another Access Point, (3) a Bridge to joint two wireless workgroups together, (4) a Bridge with AP to act as wireless hub and a bridge at the same time, (5) a Repeater to extend the wireless coverage to cover all "dead" spots, (6) a WISP Client Router to let wireless Internet service subscribers share Internet connection with home/office Ethernet-enabled computers without the need for an extra router, or (7) a WISP Repeater to let WISP subscribers share Internet connection with wireless computers without any extra router.

EASY TO INSTALL AND USE
With D-Link Click n'Connect, you can set up your wireless network in minutes. It configures your DAP-1160's operation mode, makes it easy to add new wireless devices onto the network, and helps you create a simple wireless network for your home and office.

WIRELESS

DAP-1160
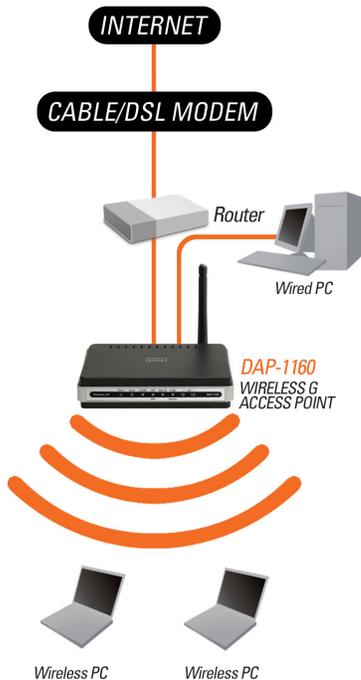
WHAT THIS PRODUCT DOES

Share your broadband Internet connection with multiple computers in your house by simply connecting wireless computers and devices to this Wireless G Access Point. You can now create your own personal wireless home network to share wireless Internet connection, documents, music, and photos.

VERSATILE FUNCTIONS

The DAP-1160 offers you seven modes of operation, namely Access Point, AP Client, Bridge, Bridge with AP, Wireless Repeater, WISP Client Router and WISP Repeater. This allows you to flexibly configure it for use in different wireless application. In addition, this AP gives you two Ethernet ports for ready computer connection to increase the efficiency of your wireless network.

YOUR NETWORK SETUP

INTERNET

CABLE/DSL MODEM

Router

Wired PC

DAP-1160
WIRELESS G
ACCESS POINT

Wireless PC   Wireless PC

TECHNICAL SPECIFICATIONS

NETWORK STANDARDS
+ 802.11g wireless LAN
+ 802.11b wireless LAN
+ 802.3/802.3u 10BASE-T/100BASE-TX Ethernet
+ ANSI/IEEE 802.3 NWay auto-negotiation

DEVICE INTERFACES
+ 802.11g wireless LAN
+ 2 10/100BASE-TX Ethernet LAN ports

MEMORY
+ 4MB Flash Memory
+ 16MB DRAM

OPERATING FREQUENCY
+ 2.4 to 2.4835 GHz

OPERATING CHANNELS
+ FCC: 11
+ ETSI: 13

RADIO & MODULATION SCHEMES
+ DQPSK, DBPSK, CCK, OFDM

OPERATION MODES
+ Access Point
+ AP Client
+ Bridge
+ Bridge with AP
+ Repeater
+ WISP Client Router
+ WISP Repeater

ANTENNA
+ 2dBi Gain detachable omni-directional antenna with RP-SMA connector

RECEIVE SENSITIVITY
+ For 802.11b, at 8% PER:
  11Mbps: -80dBm
  5.5Mbps: -84dBm
  2Mbps: -87dBm
  1Mbps: -88dBm
+ For 802.11g, at 10% PER:
  54Mbps: -65dBm
  48Mbps: -66dBm
  36Mbps: -70dBm
  24Mbps: -74dBm
  18Mbps: -77dBm
  12Mbps: -79dBm
  9Mbps: -81dBm
  6Mbps: -82dBm

TRANSMIT OUTPUT POWER
+ 16dBm (typical)

SECURITY
+ 64/128-bit WEP data encryption
+ WPA-PSK, WPA2-PSK
+ WPA-EAP, WPA2-EAP
+ TKIP, AES
+ MAC address filtering
+ SSID broadcast disable function

QUALITY OF SERVICE (QOS)
+ Wi-Fi Multimedia (WMM)

DEVICE MANAGEMENT
+ Web-based management through Internet Explorer v.6 or later, Netscape Navigator v.6 or later or other Java-enabled browser

DIAGNOSTIC LED
+ Power
+ Status
+ Link/Act
+ WEP/WPA
+ MAC Ctrl
+ BRIDGE / REPEATER
+ LAN1
+ LAN2

POWER INPUT
+ 5VDC 2A
+ External power adapter

DIMENSIONS
+ 144 (W) x 109 (D) x 30 (H) mm (5.67 x 4.29 x 1.18 inches)

WEIGHT
+ 229grams (0.5 lb)

OPERATING TEMPERATURE
+ 0˚ to 55˚ C (32˚ to 131˚ F)

STORAGE TEMPERATURE
+ -10˚ to 70˚ C (14˚ to 158˚ F)

OPERATING HUMIDITY
+ 10% to 90% non-condensing

STORAGE HUMIDITY
+ 5% to 95% non-condensing

CERTIFICATION
+ FCC Class B
+ CE
+ C-Tick
+ Wi-Fi
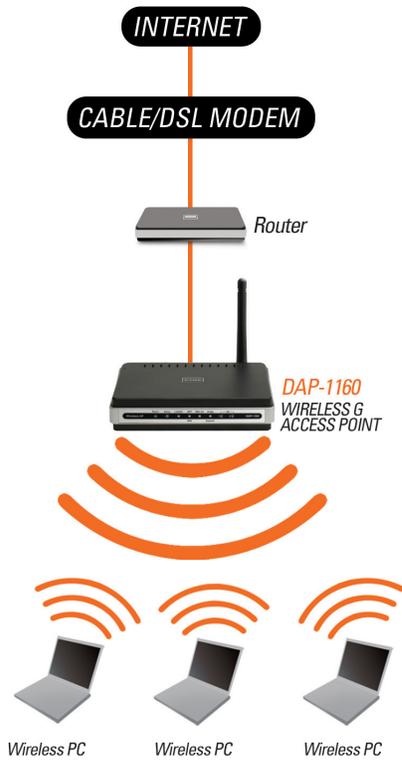
D-Link Click'n Connect
Languages Supported

54Mbps maximum wireless signal rate derived from IEEE standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual throughput rate. Environmental factors will adversely affect wireless signal range, maximum throughput based on 802.11g devices.

ACN 052 202 838
Z576

D-Link Worldwide Offices

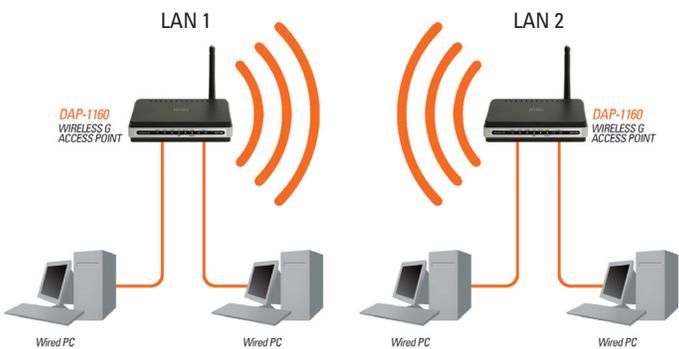| Country	TEL	FAX
U.S.A	TEL: 1-800-326-1688	FAX: 1-866-743-4905
Canada	TEL: 1-905-8295033	FAX: 1-905-8295223
Europe (U. K.)	TEL: 44-20-8955-9000	FAX: 44-20-8955-9001
Germany	TEL: 49-6196-77990	FAX: 49-6196-7799300
France	TEL: 33 1 30 23 86 88	FAX: 33 1 30 23 86 89
Netherlands	TEL: 31-10-282-1445	FAX: 31-10-282-1331
Belgium & Luxemburg	TEL: 32 (0)2 517 7111	FAX: 32 (0)2 517 6500
Switzerland	TEL: 41 (0)1 832 11 00	FAX: 41 (0)1 832 11 01
Austria	TEL: 43 (0)1 240 27 270	FAX: 43 (0)1 240 27 271
Sweden	TEL: 46 (0)8 564 619 00	FAX: 46 (0)8 564 619 01
Denmark	TEL: 45-43-969040	FAX: 45-43-424347
Norway	TEL: 47 99 300 100	FAX: 47 22 30 90 85
Finland	TEL: 358-10 309 8840	FAX: 358-10 309 8841
Italy	TEL: 39-02-2900-0676	FAX: 39-02-2900-1723
Spain	TEL: 34 93 409 0770	FAX: 34 93 491 0795
Portugal	TEL: 351 21 8688493	FAX: 351 21 8622492
Greece	TEL: 30 210 9914 512	FAX: 30 210 9916902
Czech Republic	TEL: 420 224 247 500	FAX: 420 224 234 967
Hungary	TEL: 36 (0)1 461 30 00	FAX: 36 (0)1 461 30 04
Poland	TEL: 48 (0)22 583 92 75	FAX: 48 (0)22 583 92 76
Bulgaria	TEL: 359 2 958 22 42	FAX: 359 2 958 65 57
Romania	TEL: 40(0)21 320 23 05	FAX: 40(0)21 320 23 07
Singapore	TEL: 65-6774-6233	FAX: 65-6774-63225
Australia	TEL: 61-2-8899-1800	FAX: 61-2-8899-1868
India	TEL: 91-22-2652 6696	FAX: 91-22-2652 8914
Middle East (Dubai)	TEL: 971-4-391-6480	FAX: 971-4-390-8881
Egypt	TEL: 202-291-9035	FAX: 202-291-9051
Turkey	TEL: 90-212-289-5659	FAX: 90-212-289-7606
Iran	TEL: 90-212-289-5659	FAX: 90-212-289-7606
Pakistan	TEL: 92-21-454-8158	FAX: 92-21-453-5103
Israel	TEL: 972-9-9715700	FAX: 972-9-9715601
Latin America	TEL: 56-2-5838-950	FAX: 56-2-5838953
Brazil	TEL: 55-11-2185-9300	FAX: 55-11-2185-9322
South Africa	TEL: 27-12-665-2165	FAX: 27-12-665-2186
Russia	TEL: 7-495-744-0099	FAX: 7-495-744-0099
Japan	TEL: 81-3-5781-0963	FAX: 81-3-5781-0965
Korea	TEL: 82-2-890-5491	FAX: 82-2-890-549
China	TEL: 86-10-58635800	FAX: 86-10-58635799
Taiwan	TEL: 886-2-6600-0123	FAX: 886-2-6600-3939
Headquarters	TEL: 886-2-6600-0123	FAX: 886-2-6600-9898

WIRELESS

Access Point Mode

**Wireless PCs using the DAP-1160
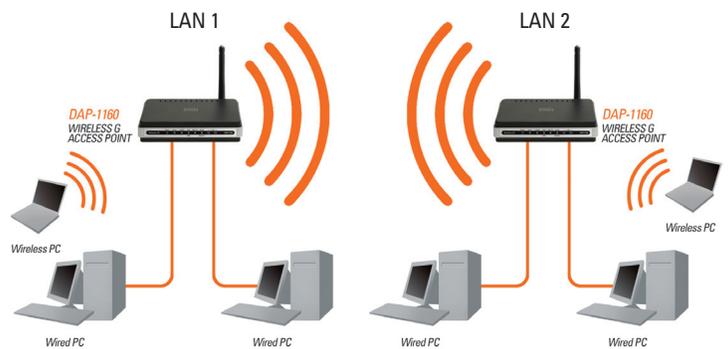as a central connection point**

AP Client Mode

**Ethernet-enabled gaming console using the DAP-1160 as
a wireless interface to access the Internet**

Bridge Mode

**Connecting two separate LANs together through two DAP-1160 units
(Wireless PCs cannot access the DAP-1160 units)**

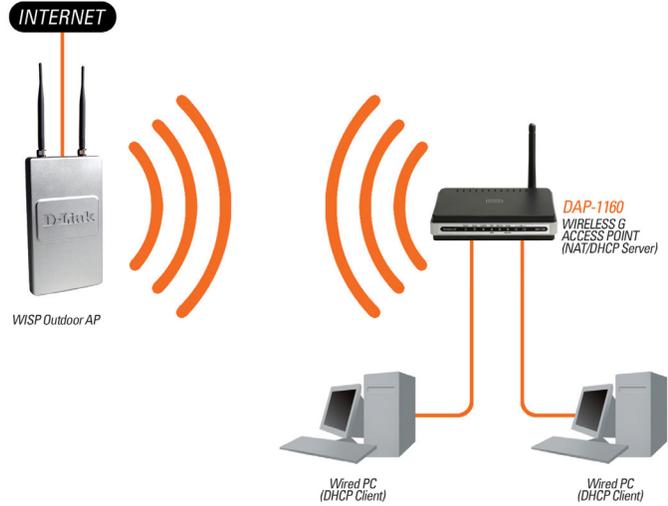## Bridge with AP Mode

**Connecting two separate LANs together through two DAP-1160 units
(Wireless PCs can access the DAP-1160 units)**
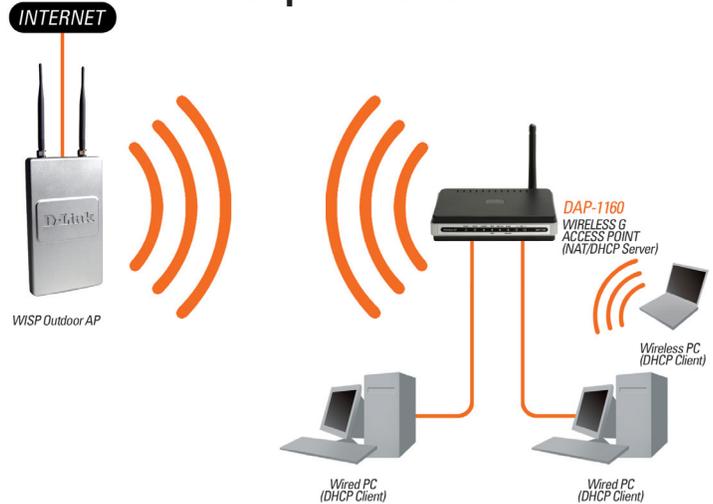
Repeater Mode

Extending the wireless coverage of a wireless router using the DAP-1160

WISP (Wireless Internet Service Provider) Client Router Mode

Connecting wired PCs to the Internet using the DAP-1160

WISP (Wireless Internet Service Provider) Repeater Mode

Connecting wired and wireless PCs to the Internet using the DAP-1160