

**650%
FASTER
THAN 802.11G¹**



RANGEBOOSTER N™ 650 ACCESS POINT

TOTAL PERFORMANCE

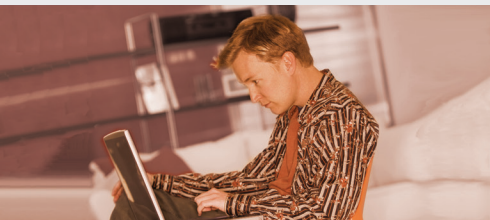
Create a wireless network with 802.11n technology for total network performance

TOTAL SECURITY

Complete set of security features including WPA2 to protect your network against outside intruders

TOTAL COVERAGE

Provides greater wireless signal rates at farther distances for best-in-class network coverage



ULTIMATE PERFORMANCE

The D-Link RangeBooster N™ 650 Access Point DAP-1353 is an 802.11n compliant device that delivers real world performance of up to 650% faster than 802.11g wireless connections and transmission rates faster than 100 Mbps wired Ethernet.¹ Providing connectivity for wireless computer users and wireless LAN nodes such as print servers on the 2.4 GHz frequency band, this Access Point provides fast wireless performance while remaining fully compatible with 802.11g and 802.11b devices. Connect this RangeBooster N™ 650 Access Point to an Internet-enabled wired network and wirelessly share high-speed Internet access. For superior performance, add other RangeBooster N™ 650 devices such as the RangeBooster N™ 650 notebook and desktop adapters, and enable wireless coverage that extends to virtually every corner of your home or office.

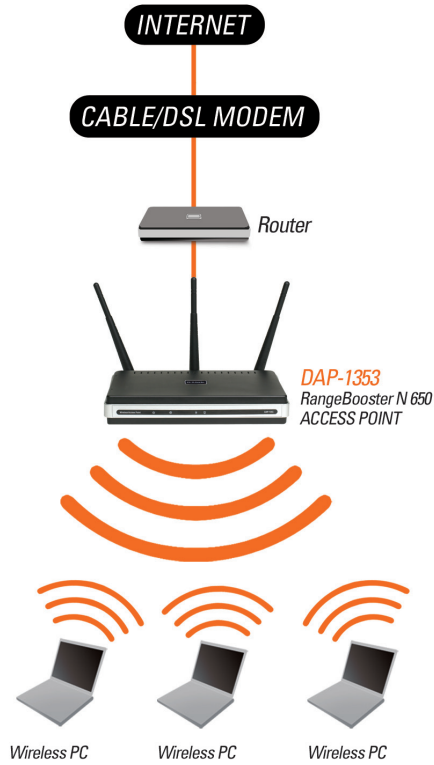
EXTENDED HOME NETWORK COVERAGE

Powered by RangeBooster N™ 650 technology, this high-performance Access Point provides superior network coverage while minimizing dead spots. Utilize the three adjustable antennas to configure optimal settings specific to your environment. The RangeBooster N™ 650 Access Point is designed for use in bigger homes/offices and for users that demand higher networking performance.

EASY TO SETUP, EASY TO USE

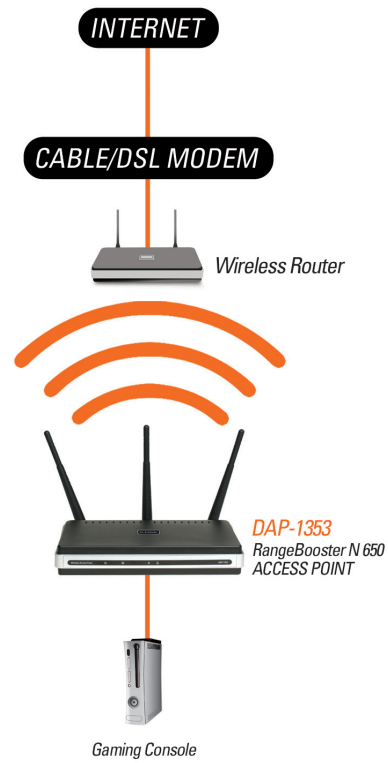
D-Link's Setup Wizard guides you step-by-step through the installation process. Configure this Access Point without having to call a networking expert to help you. Create an 802.11n wireless network with a data throughput capable of intense gaming, audio/video streaming, and large file transfers. Delivering best-in-class wireless performance, superior network security, and enhanced network coverage, the RangeBooster N™ 650 Access Point is an integral piece for your next generation wireless network.

Access Point Mode



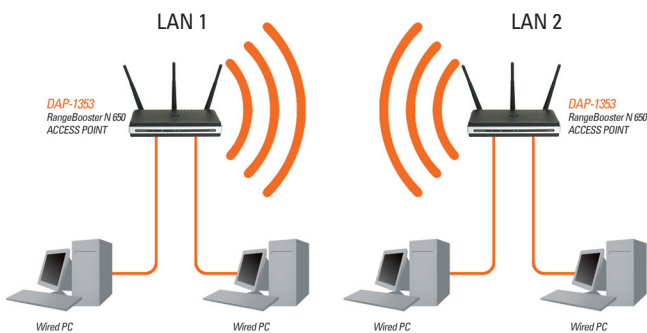
Wireless PCs using the DAP-1353 as a central connection point

Wireless Client Mode



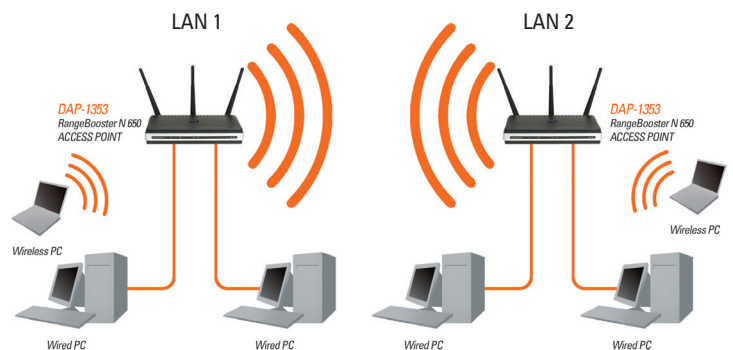
Ethernet-enabled gaming console using the DAP-1353 as a wireless interface to access the Internet

WDS Mode



Connecting two separate LANs together through two DAP-1353 units (Wireless PCs cannot access the DAP-1353 units)

WDS with AP Mode



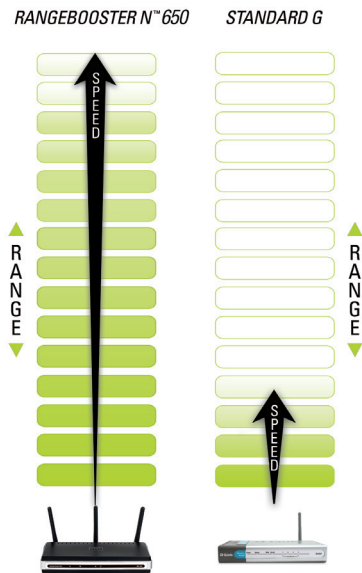
Connecting two separate LANs together through two DAP-1353 units (Wireless PCs can access the DAP-1353 units)

WHAT THIS PRODUCT DOES

Wirelessly share Internet access by connecting the RangeBooster N™ 650 Access Point to an existing Internet-enabled wired network. For superior performance, use the RangeBooster N™ 650 Access Point with other RangeBooster N™ 650 devices and enable a wireless coverage that extends to virtually every corner of your home or office.

ULTIMATE PERFORMANCE

Based on IEEE 802.11n specifications, D-Link's RangeBooster N™ 650 technology delivers real world performance that is 650% faster than 802.11g for best-in-class home network coverage.¹



TECHNICAL SPECIFICATIONS

STANDARDS

- IEEE 802.11n
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab

FREQUENCY RANGE

- 2412 to 2462 MHz (North America)
- 2412 to 2472 MHz (General Europe)

EMISSION SCHEMES

- DSSS
- OFDM

DATA MODULATION SCHEMES

- DBPSK, DQPSK, CCK and OFDM
- (BPSK/QPSK/16-QAM/64-QAM)

DATA RATES¹

- 802.11g: 6/9/12/18/24/36/48/54 Mbps
- 802.11b: 1/2/5.5/11 Mbps
- 802.11n: 30/60/90/120/180/240/270/300 Mbps

TYPICAL TRANSMIT OUTPUT POWER²

- FCC: 18 dBm
- ETSI: 12 dBm

ANTENNAS

- 3 detachable 3 dBi gain dipole antennas (RP-SMA connectors)

ETHERNET INTERFACE

- 10/100/1000BASE-TX port

SECURITY

- 64/128-bit WEP data encryption

- Wi-Fi Protected Access (WPA, WPA2)
- Mac Address Filtering
- 4 SSIDs for Network Segmentation
- SSID broadcast disable Function
- 802.1Q VLAN Tagging

OPERATION MODES

- Access Point
- WDS with AP
- WDS
- Wireless Client

QoS & PERFORMANCE ENHANCEMENT

- WMM (Wi-Fi Multimedia)
- User Limit
- QoS

DEVICE MANAGEMENT

- Internet Explorer 6 or later; Mozilla Firefox v1.5 or later; or other Java-enabled browsers
- Reset button
- SNMP
- Telnet
- SSL/SSH protocol support
- AP Manager II

LEDs

- Power
- WLAN
- LAN

POWER INPUT

- 5 V DC 2.5 A through external power adapter

DIMENSIONS

- 198 (L) x 120 (W) x 32 mm (H)
(7.8 x 4.72 x 1.26 inches)

WEIGHT

- 319 grams (0.705 lb)

OPERATING TEMPERATURE

- 0 to 40 °C (32 to 104 °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)

EMI CERTIFICATIONS

- FCC Class B
- CE
- IC
- C-Tick

SAFETY CERTIFICATION

- CSA

¹ Maximum wireless signal rate derived from IEEE standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. All references to speed are for comparison purposes only.

² Maximum output power setting varies according to individual countries.



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 Release 08 (December 2010)