D-Link
Building Networks for People

Product Highlights

Speed and Range of Wireless AC

The latest draft 802.11ac technology delivers speeds of up to 1200 Mbps, with increased range to reach more places in your home or office

Multiple Operation Modes

Can operate as an access point, bridge, bridge with access point, repeater, or wireless client, giving the flexibility to tailor it to your network needs.

Robust Wireless Security

Complete set of security encryption standards including WEP, WPA/WPA2, and WPS to safeguard your network against outside intruders

DAP-1665

Wireless AC1200 Dual Band Access Point

Features

Wireless and Wired LAN

- Latest draft 802.11ac wireless technology
- Backwards-compatible with 802.11n/g/b/a clients
- Two external antennas increase range
- Gigabit LAN port for wired connections up to 1000 Mbps

Operating Modes

- Access Point mode to add wireless to your existing network
- Repeater mode extends the range of your existing wireless network to reach further throughout your home or office
- Bridge mode lets you create a direct wireless link between two existing LANs
- Bridge mode with AP adds the functionality of a wireless access point to your bridged network
- Client mode delivers wireless connectivity to a LAN device such as a storage device, media server, or gaming console

Security

- WPA/WPA2 security encryption to protect your wireless traffic
- Quickly and easily add new wireless devices with Wi-Fi Protected Setup (WPS)
- Kensington lock port to protect against theft

The DAP-1665 Wireless AC1200 Dual Band Access Point is a fast and versatile solution for bringing wireless AC to your existing wired network, or extending your current wireless network. The latest draft 802.11ac technology delivers combined speeds of up to 1200 Mbps[1], so you can create a high-speed wireless link between networks, or quickly transfer large files wirelessly between computers on the same network.

High-Speed Wireless and Wired LAN

The DAP-1665 features the latest 802.11ac wireless technology, capable of delivering combined speeds of up to 1200 Mbps over two bands. Use the 2.4 GHz band's 300 Mbps for web surfing, email and chat, while simultaneously using the lower-interference 5 GHz band for network bridging, downloading, and file transfers. For wired connections, the Gigabit LAN port enables wired data speeds of up to 1000 Mbps, meaning that your Gigabit-compatible wired devices can also benefit from the high speeds of wireless AC.

Versatile Operation Modes

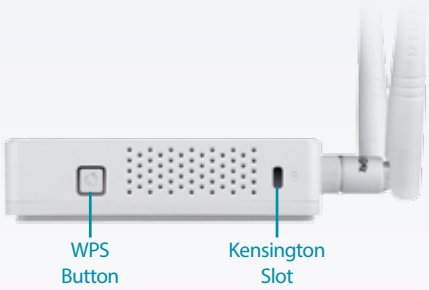
The DAP-1665 can be configured to operate in several modes, allowing you to customize it to your networking needs. Access Point mode allows the device to act as a central hub for wireless users, giving them access to your existing wired network. Wireless Client mode is available to enable the DAP-1665 to connect to another access point and provide network and Internet access to a remote wired device such as a gaming console or media center. Bridge mode allows you to create a high-speed wireless link between two wired networks (LANs), alleviating the need to install additional network cabling. Bridge mode with AP adds the functionality of a wireless access point to your bridged network, so wireless clients can access resources on both networks. Repeater mode extends wireless coverage of your existing wireless network to cover "dead" spots and reach farther into your home or office.

DAP-1665 Wireless AC1200 Dual Band Access Point

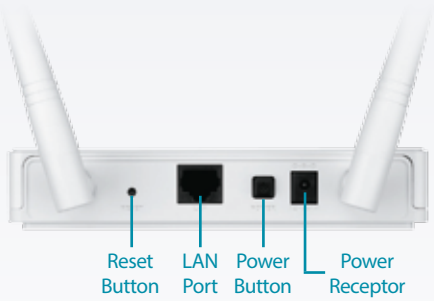
Full Wireless Security

The DAP-1665 provides 64/128-bit WEP encryption and WPA/WPA2 security to protect your network and wireless data. This device also supports Wi-Fi Protected Setup (WPS) to quickly and securely set up a secure wireless network. In addition, the access point features MAC address filtering and a disable SSID broadcast function to limit outsiders' access to your wireless network. The DAP-1665 also features a Kensington security slot so you can protect your access point against theft.

Side View



Rear View



Technical Specifications

General		
Networking Standards	• Draft IEEE 802.11ac • IEEE 802.11n • IEEE 802.11g	• IEEE 802.11b • IEEE 802.11a • 802.3/802.3u
Interface	• Draft IEEE 802.11ac wireless LAN • IEEE 802.11n/g/b/a wireless LAN	• 10/100/1000BASE-TX wired LAN
Operating Modes	• Access Point (AP) • Bridge • Bridge with AP	• Wireless Client • Repeater

Operating Frequency	• 5 GHz Band:
	  • 5.15 GHz to 5.35 GHz
	  • 5.47 GHz to 5.85 GHz
		• 2.4 GHz Band:
		  • 2.4 - 2.4835 GHz
		• E.I.R.P < 100mWatt

Antenna	• 2 x 5dbi external antennas	
LEDs	• Power • 2.4 GHz wireless	• 5 GHz wireless • LAN
Advanced Features		
Security	• 64/128-bit WEP • WPA-PSK/WPA2-PSK • Wi-Fi Protected Setup (WPS)	• MAC address filtering • Kensington® security slot • SSID broadcast disable
Device Management	• Web-based interface minimum requirements: • Internet Explorer 7, Firefox 12.0, Chrome 20.0, or Safari 4.0	

DAP-1665 Wireless AC1200 Dual Band Access Point

Physical		
Dimensions	• 147 x 108 x 27.8 mm (5.79 x 4.25 x 1.1 inches)	
Weight	• 222 grams (0.489 lbs)	
Power	• Input: 12 V/1 A	• Consumption: Maximum 5.18 W
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • FCC • TELEC	• IC • Wi-Fi Certified • VCCI

Order Information	
Part Number	*Description*
DAP-1665	Wireless AC1200 Dual Band Access Point

[1] Maximum wireless signal rate derived from draft 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. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless N product from D-Link.

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