

## Product Highlights

### Speed and Range of Wireless AC

The latest 802.11ac technology delivers combined wireless speeds of up to 1200 Mbps<sup>1</sup>, with increased range to reach more places in your home or office

### Multiple Operational Modes

Can operate as an AP, bridge, bridge with AP, repeater, wireless client, WISP client or repeater, 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 malicious intruders



## DAP-1665

# Wireless AC1200 Wave 2 Dual-Band Access Point

## Features

### High-Performance Connectivity

- IEEE 802.11ac Wave 2 wireless<sup>1</sup>
- Up to 1200 Mbps<sup>1</sup> speed
- MU-MIMO with beamforming
- Gigabit LAN port

### Multiple Operation Modes

- Access Point
- Wireless Client
- Bridge
- Bridge with AP
- Repeater
- WISP Client Router
- WISP Repeater (Range Extender)

### Security

- Advanced wireless security features including MAC address, filter, wireless LAN partition and user limit
- 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 Wave 2 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 802.11ac Wave 2 technology delivers combined speeds of up to 1200 Mbps<sup>1</sup> with MU-MIMO and beamforming, 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 802.11ac Wave 2 Wireless and Gigabit Ethernet

The DAP-1665 delivers reliable, high-speed wireless performance using the latest 802.11ac Wave 2 standard with maximum wireless signal rates of up to 300 Mbps over the 2.4 GHz band, and 867 Mbps over the 5 GHz band<sup>1</sup>. The DAP-1665 is designed to support MU-MIMO technology that allows multiple devices to get high-bandwidth Wi-Fi signal at the same time, distributing data more efficiently, giving you the fastest Wi-Fi speeds in the office. 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 Operational Modes

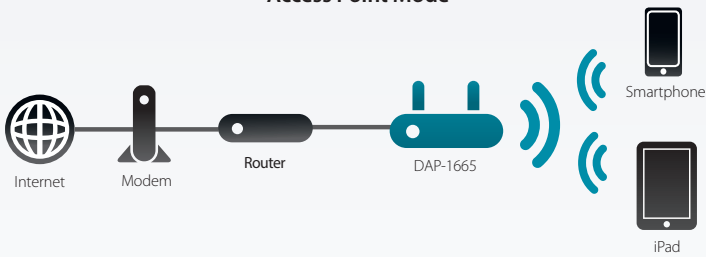
The DAP-1665 offers seven modes of operation, namely Access Point, Wireless Client, Bridge, Bridge with AP, Repeater, WISP Client Router, and WISP Repeater (Range Extender) Mode. These modes allow you to flexibly configure the device for use with different wireless applications. Access Point Mode allows the device to act as a central hub for wireless users. Wireless Client Mode enables 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 smart TVs. Bridge Mode can join two wired networks together, while Bridge with AP Mode allows the device to act as a wireless hub and a bridge at the same time. Repeater Mode extends wireless coverage to cover all “dead” spots. WISP Client Router Mode allows wireless Internet service subscribers to share Internet connection with home/office Ethernet-enabled computers without the need for an extra router. Finally, the device can act as a WISP Repeater (Range Extender) to let WISP subscribers share their Internet connection with wired and wireless computers without any extra routers.

### Full Wireless Security

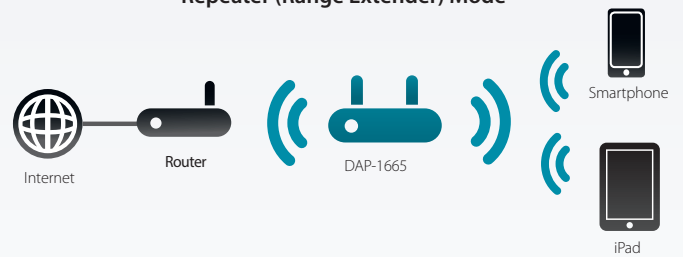
The DAP-1665 provides 64/128-bit WEP encryption and WPA/WPA2 security to protect your network and wireless data. This device also supports Wi-Fi Protected Setup (WPS) to quickly and securely set up a secure wireless network. In addition, the access point features MAC address filtering and a disable SSID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

### Multiple Operation Modes

**Access Point Mode**



**Repeater (Range Extender) Mode**



**Wireless Client Mode**



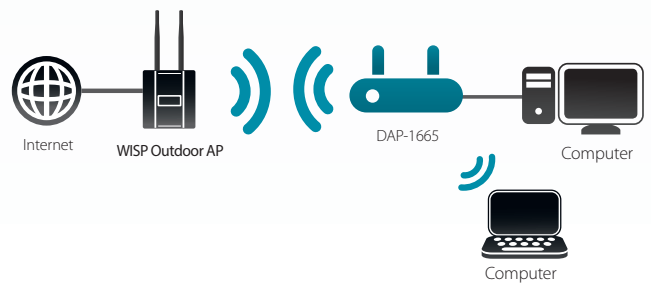
**WISP (Wireless Internet Service Provider) Client Router Mode**



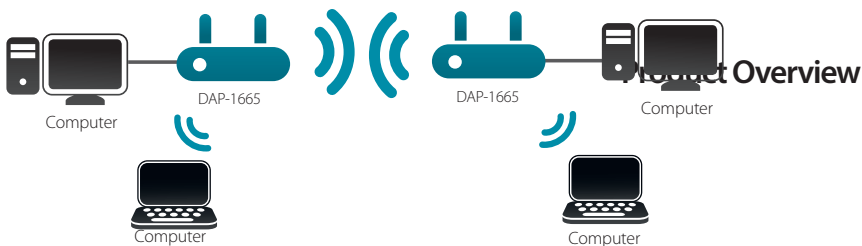
**Bridge Mode**



**WISP (Wireless Internet Service Provider) Repeater Mode**



**Bridge with AP Mode**



### Product Overview

# DAP-1665 Wireless AC1200 Wave 2 Dual-Band Access Point

## Technical Specifications

### General

Networking Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11ac Wave 2</li> <li>• IEEE 802.11n</li> <li>• IEEE 802.11g</li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.11b</li> <li>• IEEE 802.11a</li> <li>• 802.3/802.3u</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• IEEE 802.11ac Wave 2 wireless LAN</li> <li>• IEEE 802.11n/g/b/a wireless LAN</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100/1000BASE-TX wired LAN</li> </ul>
Operating Modes	<ul style="list-style-type: none"> <li>• Access Point (AP)</li> <li>• Bridge</li> <li>• Bridge with AP</li> <li>• Wireless Client</li> </ul>	<ul style="list-style-type: none"> <li>• Repeater</li> <li>• WISP Client Router</li> <li>• WISP Repeater</li> </ul>
Operating Frequency	<ul style="list-style-type: none"> <li>• 5 GHz Band: <ul style="list-style-type: none"> <li>• 5.15 GHz to 5.35 GHz</li> <li>• 5.47 GHz to 5.85 GHz</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 2.4 GHz Band: <ul style="list-style-type: none"> <li>• 2.4 - 2.4835 GHz</li> </ul> </li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• 2 x external antennas</li> <li>• 3 dBi for 2.4 GHz</li> <li>• 5 dBi for 5 GHz</li> </ul>	
LEDs	<ul style="list-style-type: none"> <li>• Power</li> <li>• 2.4 GHz wireless</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz wireless</li> <li>• LAN</li> </ul>

### Advanced Features

Security	<ul style="list-style-type: none"> <li>• WPA-PSK/WPA2-PSK</li> <li>• Wi-Fi Protected Setup (WPS)</li> <li>• MAC address filtering</li> </ul>	<ul style="list-style-type: none"> <li>• Kensington security slot</li> <li>• SSID broadcast disable</li> </ul>
Device Management	<ul style="list-style-type: none"> <li>• Web-based interface minimum requirements: <ul style="list-style-type: none"> <li>• Internet Explorer 7, Firefox 12.0, Chrome 20.0, or Safari 4.0</li> </ul> </li> </ul>	

### Physical

Dimensions	<ul style="list-style-type: none"> <li>• 147 x 108 x 27.8 mm (5.79 x 4.25 x 1.1 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 222 grams (0.489 lbs)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• Input: 12V/1 A</li> </ul>	<ul style="list-style-type: none"> <li>• Consumption: Maximum 5.18 W</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> <li>• TELEC</li> </ul>	<ul style="list-style-type: none"> <li>• IC</li> <li>• Wi-Fi Certified</li> <li>• VCCI</li> </ul>

<sup>1</sup> Maximum wireless signal rate derived from 802.11ac 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 may 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.



For more information: [www.dlink.com](http://www.dlink.com)

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