

Product Highlights

Enjoy High-performance Wireless Connectivity

Harness the power of Wireless AC, enjoying wireless speeds of up to 1200 Mbps¹, perfect for high-demand business applications

Strong Security and Authentication Features

Maintain a highly secure network with a range of features including WPA/WPA2, Wireless LAN segmentation, and VLAN support

Flexible Operation

Configure to use as an Access Point, a Wireless Distribution System (WDS) with Access Point, a WDS/Bridge, or a Wireless Client



DAP-5622AC

Wireless AC1200 Concurrent Dual Band PoE Access Point

Features

High-performance Connectivity

- IEEE 802.11ac wireless¹
- Up to 1200 Mbps¹
- Gigabit LAN port

Made for Business-class Environments

- Simultaneous dual-band connectivity for increased network capacity
- Ideal for indoor deployment²
- Traffic control/QoS
- Internal RADIUS server
- Web redirection

Trusted Security Features

- WPA/WPA2 - Enterprise/Personal
- WPA2 - PSK/AES over WDS
- MAC address filtering
- Network Access Protection (NAP)
- ARP spoofing prevention
- WLAN partition

Convenient Installation

- Supports 802.3af Power over Ethernet
- Wall and ceiling mounting brackets included

The DAP-5622AC Wireless AC1200 Concurrent Dual Band PoE Access Point is designed to support small to medium business or enterprise environments by providing network administrators with secure and manageable dual-band wireless LAN options, and utilizing the cutting-edge speed of Wireless AC.

Super-fast Wireless AC Performance

The DAP-5622AC delivers reliable, high-speed wireless performance using the latest 802.11ac standards with maximum wireless signal rates of up to 300 Mbps over the 2.4 GHz band, and 900 Mbps over the 5 GHz band¹. This, coupled with support for the Wi-Fi Multimedia™ (WMM) Quality of Service (QoS) feature, makes it an ideal access point for audio, video, and voice applications. When enabled, QoS allows the DAP-5622AC to automatically prioritize network traffic according to the level of interactive streaming, such as HD movies or VoIP. The QoS feature can be adjusted through the DAP-5622AC's web GUI using a drop-down menu option to select customized priority rules. Additionally, the DAP-5622AC supports load balancing to ensure maximum performance by limiting the maximum number of users per access point.

Versatile Access Point Functionality

The DAP-5622AC allows network administrators to deploy a highly manageable and extremely robust simultaneous dual-band wireless network. The DAP-5622AC can provide optimal wireless coverage over either the 2.4 GHz (802.11b, 802.11g, and 802.11n) or the 5 GHz (802.11a, 802.11n, and 802.11ac) band. The DAP-5622AC can be ceiling mounted, wall mounted, or placed on a desktop to meet any wireless demands. For advanced installations, the DAP-5622AC has integrated 802.3af Power over Ethernet (PoE) support, allowing this device to be installed in areas where power outlets are not readily available.

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Security

To help maintain a secure wireless network, the DAP-5622AC supports both Personal and Enterprise versions of WPA and WPA2 (802.11i), with support for RADIUS server backend and a built-in internal RADIUS server allowing users to create their accounts within the device itself. This access point also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disable, rogue AP detection, and wireless broadcast scheduling to further protect your wireless network. The DAP-5622AC includes support for up to eight VLANs per band for implementing multiple SSIDs to further help segment users on the network. It also includes a wireless client isolation mechanism, which limits direct client-to-client communication. Additionally, the DAP-5622AC supports Network Access Protection (NAP), a feature of Windows Server® 2008, allowing network administrators to define multiple levels of network access based on individual client's need.

Multiple Operation Modes

To maximize total return on investment, the DAP-5622AC can be configured to optimize network performance based on any one of its multiple operation modes: Access Point, Wireless Distribution System (WDS) with Access Point, WDS/Bridge (No AP Broadcasting), and Wireless Client. With WDS support, network administrators can set up multiple DAP-2660s throughout a facility and configure them to bridge with one another while also providing network access to individual clients. The DAP-5622AC also features advanced features such as load balancing and redundancy, for fail-safe wireless connectivity.

Network Management

Network administrators have multiple options for managing the DAP-5622AC, including web (HTTP), Secure Socket Layer (SSL, which provides for a secure connection to the Internet), Secure Shell (SSH, which provides for a secure channel between local and remote computers), and Telnet. For advanced network management, administrators can use the D-Link Central WiFiManager to configure and manage multiple access points from a single location. In addition, the D-Link Central WiFiManager provides network administrators with the means of conducting regular maintenance checks remotely, eliminating the need for sending out personnel to physically verify proper operation.

The DAP-5622AC has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With simultaneous dual-band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-5622AC provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.

Technical Specifications

General

Device Interfaces	• 802.11a/b/g/n/ac wireless ¹	• 1 Gigabit LAN Port (supports PoE)
LEDs	• Power	
Standards	• IEEE 802.11a/b/g/n/ac ¹	• IEEE 802.3u/ab/af
Antennas	• Two internal 3 dBi for 2.4 GHz	• Two internal 4 dBi for 5 GHz
Maximum Output Power	• 26 dbm for 2.4 GHz	• 26 dbm for 5 GHz
Data Signal Rate	• 2.4 GHz • Up to 300 Mbps ¹	• 5 GHz • Up to 867 Mbps ¹

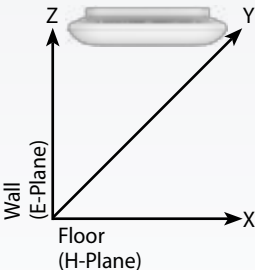
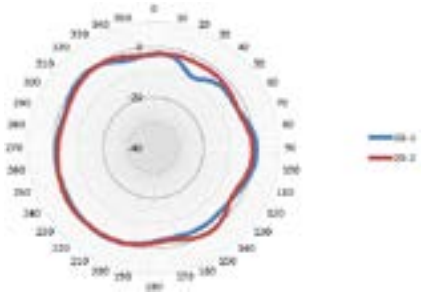
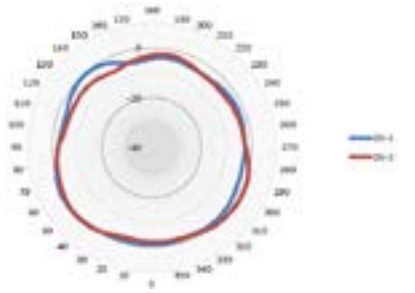
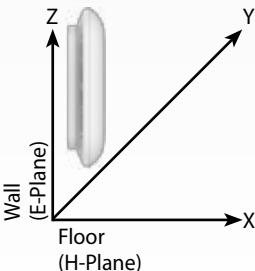
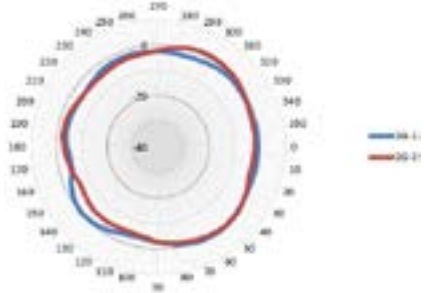
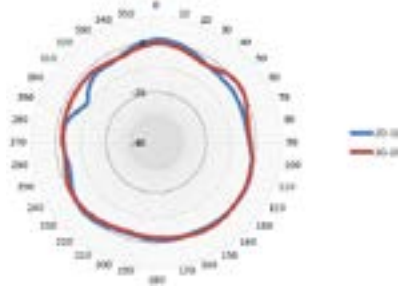
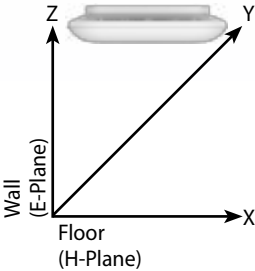
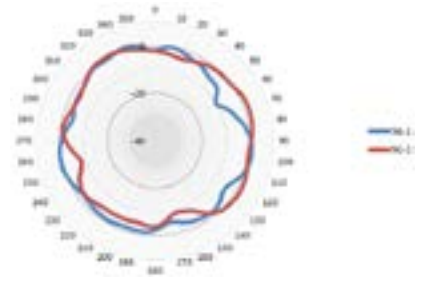
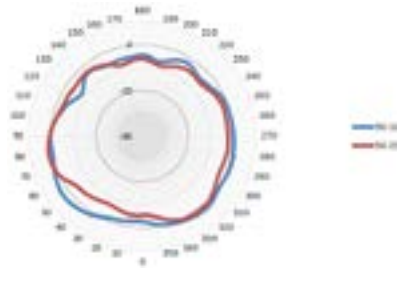
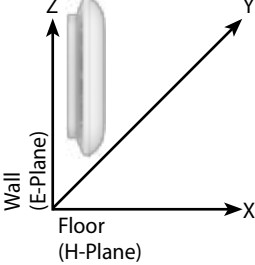
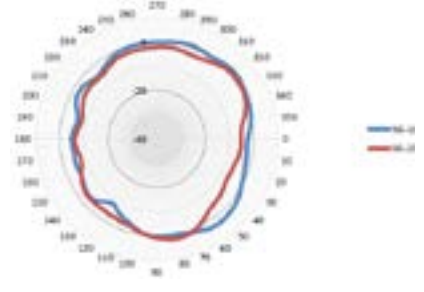
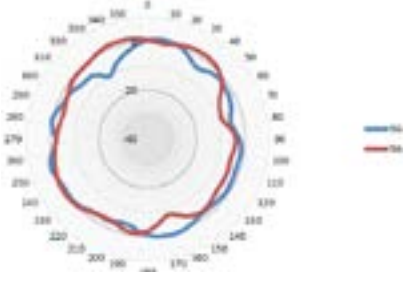
Functionality

Security	<ul style="list-style-type: none"> • WPA-Personal • WPA-Enterprise • WPA2-Personal • WPA2-Enterprise • WEP 64/128-bit encryption 	<ul style="list-style-type: none"> • SSID broadcast disable • MAC address access control • Network Access Protection (NAP) • Internal RADIUS server
Network Management	<ul style="list-style-type: none"> • Telnet • Secure Telnet (SSH) • HTTP • Secure HTTP (HTTPS) 	<ul style="list-style-type: none"> • Traffic control • SNMP • D-Link Central WiFiManager • AP Array

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Physical		
Dimensions	• 170 x 170 x 28 mm (6.69 x 6.69 x 1.1 inches)	
Weight	• 316 grams (11.14 oz) with antennas	
Operating Voltage	• 12 V DC +/- 10%, or 802.3af PoE	
Maximum Power Consumption	• 11 Watts	
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	• FCC • IC • CE ⁴	• UL • Wi-Fi [®] Certified

Antenna Pattern

Orientation	H-Plane	E-Plane
<p>2.4 GHz Ceiling Mounted</p> 		
<p>2.4 GHz Wall Mounted</p> 		
<p>5 GHz Ceiling Mounted</p> 		
<p>5 GHz Wall Mounted</p> 		

Wireless AC1200 Concurrent Dual Band PoE Access Point

Order Information	
Part Number	Description
DAP-5622AC	Wireless AC1200 Concurrent Dual Band PoE Access Point

¹ Maximum wireless signal rate derived from IEEE standard 802.11 and draft 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 will adversely affect wireless signal range.

² This unit is designed for indoor environments, you might violate local regulatory requirements by deploying this unit in outdoor environments.

³ Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-2695 may not support the 5.25-5.35 GHz and 5.47-5.725 GHz frequency ranges in certain regions.

⁴ For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz, 5.150 - 5.250 GHz, 5.250 - 5.350 GHz, and 5.470 - 5.750 GHz.

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