D-Link®
Building Networks for People

Product Highlights

Enjoy High-performance Wireless Connectivity

Harness the power of Wireless AC, enjoying wireless speeds of up to 1200 Mbps[1], 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-2660

Wireless AC1200 Concurrent Dual Band PoE Access Point

Features

High-performance Connectivity
- IEEE 802.11ac/n/g/a/b wireless[1] with MIMO
- Concurrent Dual Band for to 1200 Mbps[1]
- Gigabit LAN port

Made for Business-class Environments
- Simultaneous dual-band in 2.4/5GHz
- Supports 5GHz Priority Function
- Bandwidth Limitation by SSID
- Multiple SSID: 8 SSID per band, 16 SSID per AP
- Traffic control/QoS
- Supports Captive Portal Authentication

Trusted Security Features
- WPA/WPA2 - Enterprise/Personal (up to 128-bit)
- MAC address filtering
- Network Access Protection (NAP)
- ARP spoofing prevention
- WLAN partition
- 802.1Q VLAN Tagging by SSID
- Secure wireless roaming between APs

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

The DAP-2660 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-2660 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 band[1]. 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-2660 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-2660's web GUI using a drop-down menu option to select customized priority rules. Additionally, the DAP-2660 supports load balancing to ensure maximum performance by limiting the maximum number of users per access point.

Versatile Access Point Functionality

The DAP-2660 allows network administrators to deploy a highly manageable and extremely robust simultaneous dual-band wireless network. The DAP-2660 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-2660 can be ceiling mounted, wall mounted, or placed on a desktop to meet any wireless demands. For advanced installations, the DAP-2660 has integrated 802.3af Power over Ethernet (PoE) support, allowing this device to be installed in areas where power outlets are not readily available.

Security

To help maintain a secure wireless network, the DAP-2660 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-2660 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-2660 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-2660 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-2660 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-2660, including HTTP/HTTPS), SSL, SSH, and Telnet, all available via IPv4 and IPv6. For advanced network management, administrators can use the D-Link Central WiFiManager (CWM)to configure and manage over 500 access points from a single location. CWM supports NAT pass-thru, allowing for managing APs even if they are behind NATs devices. In addition, CWM supports for local/remote firmware upgrades, scheduling for maintenance and configuration, and auto-RF optimizing functions, including output power and channel adjustments. Upon centrally managing D-Link Smart APs, management packets are tunnelled back to CWM for quick maintenance while other internet traffic are off-loaded on-site, avoiding potential bottlenecks in the network. CWM utilizes multi-tenancy function, allowing for management groups based on administrator's level of clearance. Through CWM and D-Link Smart APs, clients will be able to connect through different protocols such as WPA, Roaming, or Guest Portal, utilizing a different policy for each.

The DAP-2660 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-2660 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
Wireless Frequency Range	• 2.4 GHz band: 2.4 GHz to 2.4835 GHz	• 5 GHz band: 5.15 to 5.35 GHz, 5.47 to 5.85 GHz[3]
Antennas	• Two internal 3 dBi for 2.4 GHz	• Two internal 4 dBi for 5 GHz
Maximum Output Power	• 26 dbm for 2.4GHz	• 26 dbm for 5GHz

Functionality

Security	• WPA-Personal • WPA-Enterprise • WPA2-Personal • WPA2-Enterprise • WEP 64/128-bit encryption	• SSID broadcast disable • MAC address access control (Filtering) • Network Access Protection (NAP) • Internal RADIUS server • 802.1X • Captive Portal

Network Management	• Telnet • Secure Telnet (SSH) • HTTP/HTTPS • Syslog	• Traffic control • SNMP v1/2c/3 • D-Link Central WiFiManager (CWM) • AP Array

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 • NCC/BSMI • CE	• UL • Wi-Fi® Certified

Antenna Pattern

Orientation	H-Plane	E-Plane
2.4 GHz Ceiling Mounted		
2.4 GHz Wall Mounted		
5 GHz Ceiling Mounted		
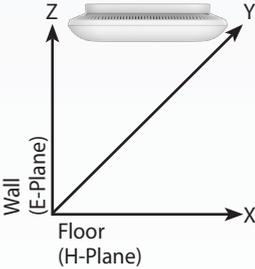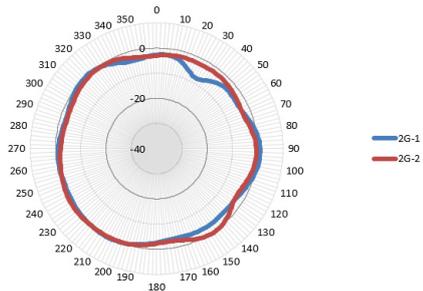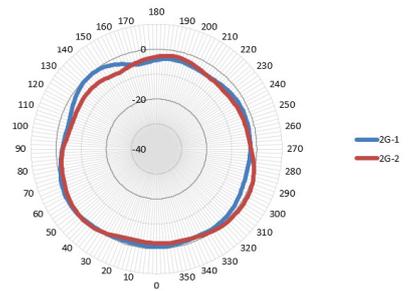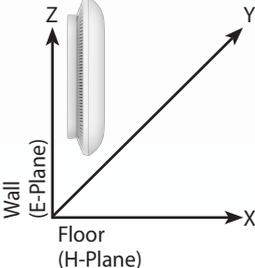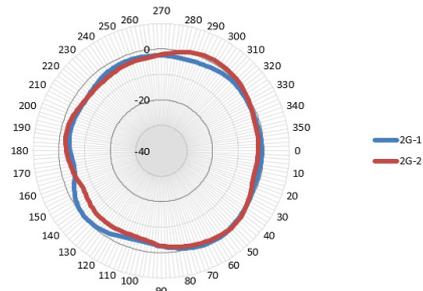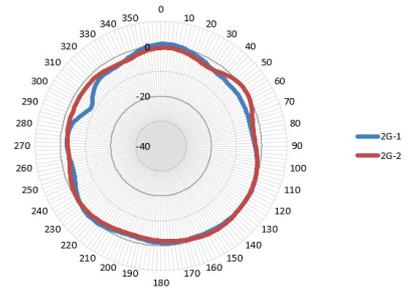
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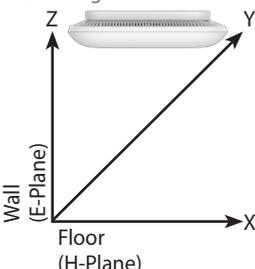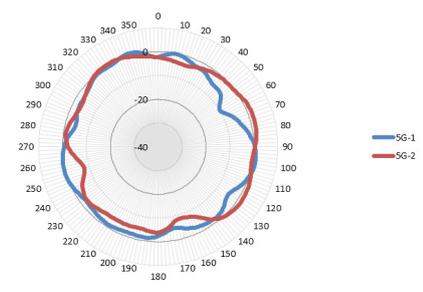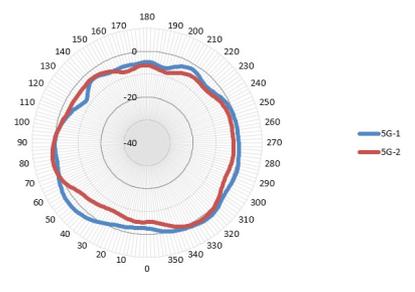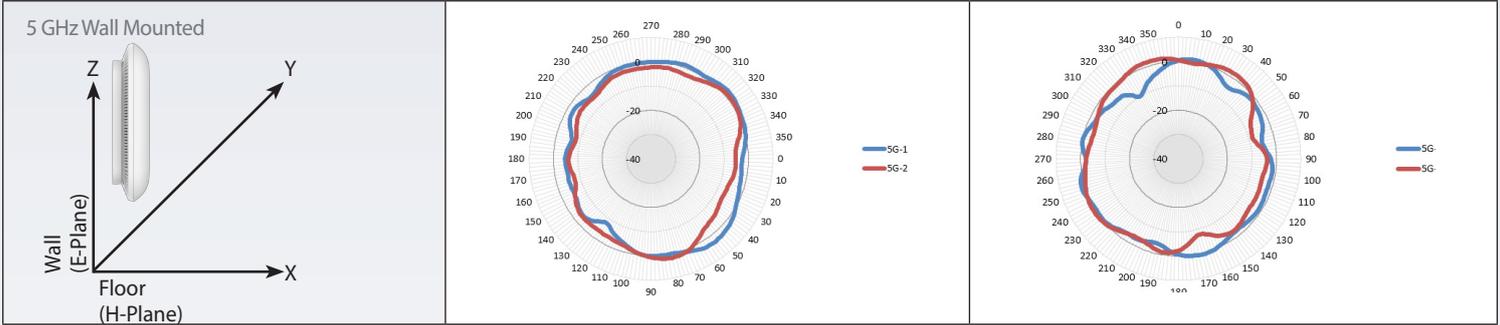
Order Information

Part Number	Description
DAP-2660	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. This product is based on draft IEEE 802.11ac specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11ac specifications. Compatibility with 802.11ac devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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