D-Link
Building Networks for People

Product Highlights

High-performance Wireless Connectivity

Extend your network and enjoy wireless speeds of up to 300 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-2330

Wireless N300 Single Band PoE Access Point

Features

High-performance Connectivity

- IEEE 802.11n wireless[1]
- Up to 300 Mbps[1]
- Gigabit LAN port

Made for Business-class Environments

- Ideal for indoor deployment[2]
- 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-2330 Wireless N300 Single 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.

Fast and Efficient Wireless Performance

The DAP-2330 delivers reliable, high-speed wireless performance with maximum wireless signal rates of up to 300 Mbps[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-2330 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-2330's web GUI using a drop-down menu option to select customized priority rules. Additionally, the DAP-2330 supports load balancing to ensure maximum performance by limiting the maximum number of users per access point.

Versatile Access Point Functionality

The DAP-2330 allows network administrators to deploy a highly manageable and extremely robust wireless network with optimal wireless coverage. The DAP-2330 can be ceiling mounted, wall mounted, or placed on a desktop to meet any wireless demands. For advanced installations, the DAP-2330 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-2330 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-2330 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-2330 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-2330 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-2330s throughout a facility and configure them to bridge with one another while also providing network access to individual clients. The DAP-2330 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-2330, 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-2330 has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With its high output power design, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-2330 provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.

Technical Specifications

General		
Device Interfaces	• 802.11b/g/n wireless[1] • 1 Gigabit LAN PoE port	
LED	• Power / Status	
Standards	• IEEE 802.11b/g/n[1] • IEEE 802.3u/ab/af	
Wireless Frequency Range	• 2.4 to 2.4835 GHz	
Antennas	• Two internal 3 dBi	
Maximum Output Power	• 26 dBm	
Functionality		
Security	• WPA-Personal • WPA-Enterprise • WPA2-Personal • WPA2-Enterprise • WEP 64/128-bit encryption	• SSID broadcast disable • MAC address access control • Network Access Protection (NAP) • Internal RADIUS server
Network Management	• Telnet • Secure Telnet (SSH) • HTTP • Secure HTTP (HTTPS)	• Traffic control • SNMP • D-Link Central WiFiManager • AP Array

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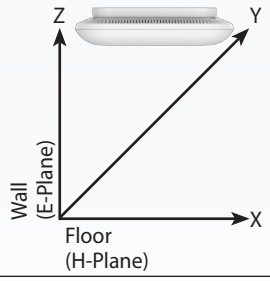
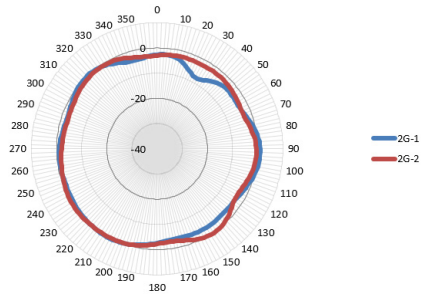
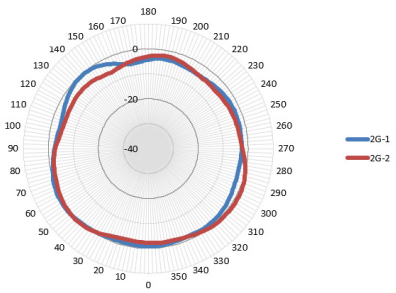
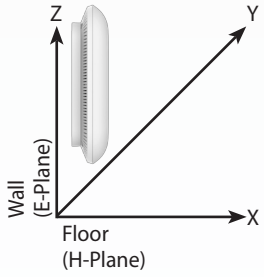
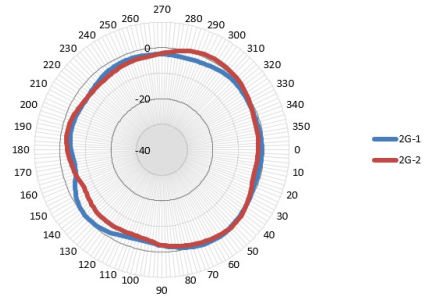
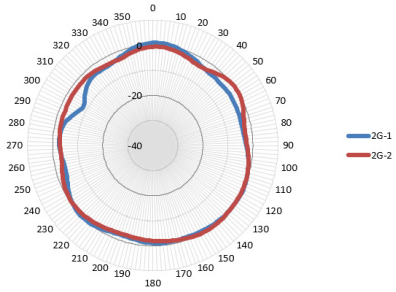
Physical		
Dimensions	• 170 x 170 x 28 mm (6.69 x 6.69 x 1.1 inches)	
Weight	• 288.2 grams (10.16 ounces) with antennas	
Operating Voltage	• 12 V / 1 A or 802.3af PoE	
Maximum Power Consumption	• 4.8 Watts	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 65 °C (-4 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • IC • CE	• UL • Wi-Fi® Certified

Antenna Pattern		
Orientation	*H-Plane*	*E-Plane*
Ceiling Mounted 		
Wall Mounted 		

DAP-2330 Wireless N300 Single Band PoE Access Point

Order Information	
Part Number	*Description*
DAP-2330	Wireless N300 Single Band PoE Access Point

[1] Maximum wireless signal rate derived from IEEE standard 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. 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.

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