



DAP-2310 Wireless N Access Point



Product Highlights:

For Business-Class Environments

- 2.4 GHz 802.11n Connectivity for Increased Network Capacity
- Designed to provide extended wireless coverage
- Ideal for Indoor Deployments¹
- Load Balancing

Multiple Operation Modes

- Access Point
- Wireless Distribution System (WDS) / Bridge
- Point-to-Point
- Point-to-Multiple-Points
- WDS with AP
- Wireless Client

High Performance Connectivity

- IEEE 802.11n Wireless
- Up to 300 Mbps²
- Multiple SSID & VLAN support to help segment users on the network
- 1 Gigabit Ethernet port for faster wired speeds

Trusted Security Features

- WPA2™ - Enterprise/Personal
- WPA™ - Enterprise/Personal
- WPA2™ - PSK/AES over WDS
- 64/128-bit WEP Encryption
- MAC Address Filtering
- 802.1X
- Radius Support

Easy Management

- Web Browser (HTTP) & HTTPS
- Telnet
- SNMP v1, v2c, and v3
- AP Manager II
- SSH
- D-View 5.1 and 6.0
- AP Array

¹This unit is designed for indoor environments; setting up this unit in outdoor environments may violate local regulatory environments.

²Maximum wireless signal rate derived from IEEE Standard 802.11g, and 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.

The DAP-2310 Wireless N Access Point is an 802.11n Access Point ideal for any network administrator to create or expand the capacity of a wireless network. This Access Point is ideal for high traffic areas such as airports, coffee shops, shopping centres, sporting venues, and university campus deployments. With transfer rates of up to 300 Mbps in the 2.4 GHz frequency range, users are able to connect with legacy 802.11b/g adapters in addition to the latest 802.11n adapters to enjoy faster downloads and instant communication.

Versatile Access Point

The DAP-2310 allows network administrators to deploy a highly manageable and extremely robust 802.11n wireless network. The detachable antennae provide optimal wireless coverage in the 2.4 GHz (802.11g and 802.11n) band using a high power radio design to reduce dead spots and increase capacity.

Enhanced Performance

The DAP-2310 delivers reliable wireless performance with maximum wireless signal rates of up to 300 Mbps in the 2.4 GHz wireless band. This coupled with support for Wi-Fi Multimedia (WMM™) Quality of Service features, makes it an ideal Access Point for audio, video, and voice applications. Additionally, the DAP-2310 supports Load Balancing features to ensure maximum performance by limiting the maximum number of users per Access Point.

Security

To help maintain a secure wireless network, the DAP-2310 provides the latest in wireless security technologies by supporting both Personal and Enterprise versions of WPA and WPA2 (802.11i) with support for a RADIUS server backend. To further protect your wireless network, MAC Address Filtering, Wireless LAN segmentation, and Wireless Broadcast Scheduling are also included. The DAP-2310 includes support for up to eight VLANs 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.

Multiple Operation Modes

To maximise total return on investment, the DAP-2310 can be configured to optimise network performance based on any one of its multiple operation modes: Access Point, Wireless Client, Wireless Distribution System (WDS), and WDS with Access Point. With WDS support, network administrators can set up multiple DAP-2310 Access Points throughout a facility and configure them to bridge with one another while providing network access to individual clients. Also included are advanced features such as Load Balancing, which optimises high network traffic volume, and redundancy for fail-safe wireless connectivity. Additionally, the DAP-2310 offers Spanning Tree Protocol support for greater efficiency and to protect against broadcast storms when used in WDS mode.

Network Management

Network administrators have multiple options for managing the DAP-2310, including a Web interface (HTTP), Secure Sockets Layer (SSL, which provides a secure connection to the Internet), Secure Shell (SSH, which provides a secure channel between local and remote computers), and Telnet. For advanced network management, administrators can use the D-Link AP Manager II or D-View SNMPv3 management module to configure and manage multiple Access Points from a single location. In addition to a streamlined management process, the AP Manager II and D-View software provide network administrators with the means to verify and conduct regular maintenance checks remotely, eliminating the need to send personnel out to physically verify proper operation. With 2.4 GHz band functionality, extensive manageability, versatile operation modes, and solid security enhancements, the D-Link DAP-2310 Wireless N Access Point provides a business-class solution for deploying a wireless network in the workplace.

DAP-2310

Wireless N Access Point



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly-trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Network	Standards	<ul style="list-style-type: none"> IEEE 802.11n IEEE 802.11g IEEE 802.3ab 	<ul style="list-style-type: none"> IEEE 802.3u IEEE 802.3
	Management	<ul style="list-style-type: none"> Telnet - Secure (SSH) Telnet Web Browser Interface HTTP - Secure HTTP (HTTPS) SNMP Support 	<ul style="list-style-type: none"> D-View Module - Private MIB AP Manager II AP Array
	Security	<ul style="list-style-type: none"> WPA™ - Personal WPA™ - Enterprise WPA2™ - Personal WPA2™ - Enterprise 	<ul style="list-style-type: none"> 64/128-bit WEP SSID Broadcast Disable MAC Address Access Control Rogue AP Detection
	VLAN/SSID Support	• 802.1q/Multiple SSID support up to 8	
	Quality of Service (QoS)	• 4 Priority Queues	• WMM Wireless Priority
Physical	Wireless Frequency Range	• 2.4 GHz to 2.4835 GHz	
	Operating Modes	<ul style="list-style-type: none"> Access Point (AP) WDS with AP 	<ul style="list-style-type: none"> WDS/Bridge (No AP Broadcast) Wireless Client
	Dipole Antenna Gain	• 2 dBi @ 2.4 GHz	
	Maximum Transmit Output Power	• ETSI : 20 dBm (Dual Chain)	
	LEDs	<ul style="list-style-type: none"> Power LAN WLAN 	
	Maximum Power Consumption	• 8 watts	
	Operating Voltage	• 5 V/2 A	
	Temperature	<ul style="list-style-type: none"> Operating: 32 to 104 °F (0 to 40 °C) Storage: -4 to 149 °F (-20 to 65 °C) 	
	Humidity	<ul style="list-style-type: none"> Operating: 10% to 90% (Non-condensing) Storage: 5% to 95% (Non-condensing) 	
	Certifications	<ul style="list-style-type: none"> FCC Class B CE WiFi® 	
	Weight	• 238 g (0.525 lb)	
	Dimensions (W x H x L)	• 148 x 28 x 111 mm (5.8 x 1.1 x 4.4 inches)	



For further information: www.dlink.eu



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