For Business-Class Environments

- 2.4 Ghz 802.11n Connectivity for Increased Network Capacity
- High Power Radio Design
- Ideal for Indoor Deployments[1]

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 Mbps[2]

Trusted Security Features

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

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

[1] This unit is designed for indoor environments; setting up this unit in outdoor environments may violate local regulatory environments.
[2] Maximum 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.
[3] Please note that PoE support is determined by specific part number.

AirPremier N Access Point

AirPremier™

The DAP-2310 AiPremier 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 mainly used in high traffic areas such as airports, coffee shops, shopping centers, 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 included antennas are detachable and 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. For advanced installations, this high-speed access point has integrated 802.3af Power over Ethernet (PoE)[3], making installation easy in areas where power outlets are not readily available.

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, Disable SSID Broadcast, Rogue AP Detection, 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 maximize total return on investment, the DAP-2310 can be configured to optimize 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 optimizes 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 for a secure connection to the Internet), Secure Shell (SSH, which provides for a secure channel betwed en 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 AirPremier N Access Point provides SMB environments with a business-class solution for deploying a wireless network in the workplace.

AirPremier N Access Point

Technical Specifications

Network	Standards	IEEE 802.11n IEEE 802.11g IEEE 802.3ab	IEEE 802.3af[3] IEEE 802.3u IEEE 802.3
	Management	Telnet - Secure (SSH) Telnet Web Browser Interface HTTP - Secure HTTP (HTTPS) SNMP Support	D-View Module - Private MIB AP Manager II AP Array
	Security	WPA™ - Personal WPA2™ - Enterprise WPA2™ - Personal WPA2™ - Enterprise	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	Access Point (AP) WDS with AP	WDS/Bridge (No AP Broadcast) Wireless Client
	Dipole Antenna Gain	2 dBi @ 2.4 GHz	
	Maximum Transmit Output Power	FCC : 25 dBm / ETSI : 17 dBm (Dual Chain)	
	LEDs	Power LAN WLAN	
	Maximum Power Consumption	With PoE[3]: 9 watts Without PoE: 8 watts	
	Operating Voltage	5 V/2 A or PoE[3]	
	Temperature	Operating: 32 to 104 °F (0 to 40 °C) Storage: -4 to 149 °F (-20 to 65 °C)	
	Humidity	Operating: 10% to 90% (Non-condensing) Storage: 5% to 95% (Non-condensing)	
	Certifications	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)	

[1] This unit is designed for indoor envirnments, you might violate local regulatory requirements by setting up this unit in outdoor environments.
[2] Maximum 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. Enviornmental factors will adversely affect wireless signal range.
[3] Please note that PoE support is determined by specific part number.

D-Link Corporation
No. 289 Xinhu 3rd Road, Neihu, Taipei 114, Taiwan

Release 01 (September 2011)