AirPremier N

For Business-Class Environments
- Simultaneous Dual Band Connectivity for Increased Network Capacity
- Gigabit LAN Port
- Rugged Metal Chassis
- Plenum-rated Housing
- Ideal for Indoor Deployments[1]
- Traffic Control/QoS
- Internal RADIUS Server
- Web Redirection

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
- WPA™ - Enterprise/Personal
- WPA2™ - Enterprise/Personal
- WPA2 - PSK/AES over WDS
- 64/128-bit WEP Encryption
- MAC Address Filtering
- Network Access Protection (NAP)
- ARP Spoofing Prevention
- WLAN Partition

Convenient Installation
- Supports 802.3af Power over Ethernet
- Wall Mounting Brackets Included

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
- RJ-45 Console Port

D-Link Green
- Wireless Scheduler

[1] This unit is designed for indoor environments, 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. Environmental factors will adversely affect wireless signal range.

AirPremier N Simultaneous Dual Band PoE Access Point with Plenum-rated Chassis

The D-Link DAP-2690 AirPremier N Simultaneous Dual Band Access Point is designed for supporting small and medium business-class environments or enterprise corporations to provide secure and manageable dual band wireless LAN options for network administrators.

Versatile Access Point
The DAP-2690 allows network administrators to deploy a highly manageable and extremely robust simultaneous dual band wireless network. All four antennas are detachable and can provide optimal wireless coverage in either 2.4 GHz (802.11g and 802.11n) and 5 GHz (802.11a and 802.11n) bands. Enclosed in a plenum-rated metal chassis, the DAP-2690 adheres to strict fire codes for placement in air passageways. For advanced installations, the DAP-2690 has integrated 802.3af Power over Ethernet (PoE) support, allowing installation of this device in areas where power outlets are not readily available.

Enhanced Performance
The DAP-2690 delivers reliable wireless performance with maximum wireless signal rates of up to 300 Mbps in both the 2.4 GHz and 5 GHz wireless bands. This, coupled with support for Wi-Fi Multimedia™ (WMM) Quality of Service feature, makes it an ideal access point for audio, video, and voice applications. When enabled, QoS allows the DAP-2690 to automatically prioritize traffic according to the level of interactive streaming, such as gaming or VoIP. The QoS feature also provides a drop-down menu option to select customized priority rules. Additionally, the DAP-2690 supports load balance 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-2690 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 inside. This access point also includes MAC Address Filtering, Wireless LAN segmentation, Disable SSID Broadcast, Rogue AP Detection, and Wireless Broadcast Scheduling to further protect your wireless network. The DAP-2690 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-2690 supports Network Access Protection (NAP), which is a feature of Windows Serve® 2008. NAP allows 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-2690 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-2690s throughout a facility and configure them to bridge with one another while also providing network access to individual clients. Also included are advanced features such as Load Balancing and redundancy for fail-safe wireless connectivity.

Network Management
Network administrators have multiple options for managing the DAP-2690 including Web (HTTP), Secure Sockets Later (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 AP Manager II or D-View SNMPv3 management module to configure and manage multiple access points from a single location. In addition, the AP Manager II or D-View software provides network administrators with the means of conducting regular maintenance checks remotely, eliminating the need for sending out personnel to phsyically verify proper operation. Also available is an AP array, allowing the management of a set of network devices as a single group for easy configuration and deployment. In addition, the DAP-2690 has a Wireless Scheduler feature for power saving. With simultaneous dual band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-2690 provides SMB environments with a business-class solution for deploying a wireless network.

Technical Specifications	DAP-2690
Standards	IEEE 802.11a IEEE 802.11n IEEE 802.11g IEEE 802.3ab IEEE 802.3af IEEE 802.3u IEEE 802.3
Network Management	Telnet Secure Telnet (SSH) HTTP Secure HTTP (HTTPS) SNMP D-View Module - Private MIB AP Manager II AP Array Traffic Control
Security	WPA™-Personal WPA™-Enterprise WPA2™-Personal WPA2™-Enterprise 64/128-bit WEP SSID Broadcast Disable MAC Address Access Control Network Access Protection Internal RADIUS Server
Wireless Frequency Range	2.4 to 2.4835 GHz 5.15 to 5.35 GHz, 5.47 to 5.85 GHz[3]
Operating Modes	Access Point (AP) WDS with AP WDS/Bridge (No AP Broadcast) Wireless Client
Maximum Transmit Output Power	FCC at 2.4 GHz: 21 dBm / ETSI: 15 dBm (Dual Chain) FCC at 5 GHz: 19 dBm / ETSI: 19 dBm (Dual Chain)
LEDs	Power LAN 2.4 GHz 5 GHz
Operating Voltage	48 V DC +/- 10% or PoE
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)

Technical Specifications	DAP-2690
Certifications	FCC CE IC CSA WiFi®
Weight	990 g (2.18 lbs) with antenna
Dimensions (W x H x D)	190.5 x 36.5 x 198.8 mm (7.5 x 1.4 x 7.8 inches)

[1] This unit is designed for indoor environments, 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. Environmental factors will adversely affect wireless signal range.
[3] Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-2690 may not be supported in the 5.25~5.35 GHz and 5.47~5.725 GHz frequency ranges in certain regions. This product is based on IEEE 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with 802.11n 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.