*Air*Premier 802.11g Managed Access Point

For Business-Class Environments

+ Rugged Metal Chassis
+ Ideal for Indoor Deployments
+ Plenum-rated Housing
+ Two 5dBi High-gain Antenna

Multiple Operation Modes

+ Access Point
+ WDS with AP
+ WDS/Bridge (No AP Broadcasting)

High Performance Connectivity

+ IEEE 802.11g Wireless
+ Up to 54Mbps[1]
+ Supports D-Link 108G Technology for Greater Speeds

Trusted Security Features

+ WPA2-Enterprise/Personal
+ WPA-Enterprise/Personal
+ WPA-PSK/AES over WDS
+ 64/128/152-bit WEP Encryption
+ MAC Address Filtering

Convenient Installation

+ Supports 802.3af Power over Ethernet (PoE) Standard
+ Locking Brackets Included

Easy Management

+ Web Browser (HTTP/HTTPS)
+ Telnet
+ SNMPv3
+ AP Manager II

Overview
D-Link, an industry pioneer in wireless networking, introduces a solution for businesses seeking to deploy and implement powerful and reliable Wireless LANs. D-Link unveils its new *Air*Premier 802.11g Managed Access Point (DWL-3200AP), designed specifically for business-class environments such as large or enterprise corporations, to provide secure and manageable wireless LAN options for network administrators.

Versatile Access Point
The *Air*Premier 802.11g Managed Access Point allows network administrators to deploy a highly manageable and extremely robust wireless network. This access point has two high-gain antennas for optimal wireless coverage. Enclosed in a plenum-rated metal chassis, it adheres to strict fire codes and ensures complete safety. For advanced installations, this new high-speed Access Point has an integrated 802.3af Power over Ethernet (PoE) support to allow installation of this device in areas where power outlets are not readily available.

Enhanced Performance
The *Air*Premier 802.11g Managed Access Point delivers an extremely reliable wireless performance with maximum wireless signal rates of up to 54Mbps[1]. This, coupled with support for Wi-Fi™ Multimedia (WMM™) Quality of Service features, makes it the ideal access point for audio, video, and voice applications. Network administrators also have the option to increase the wireless signal rate up to 108Mbps[1] using D-Link 108G technology, all while remaining backward compatible with IEEE 802.11b and 802.11g standards.

Security
The DWL-3200AP provides the latest wireless security technologies by supporting WPA and WPA2 and their included Personal and Enterprise versions along with 802.1x. For additional network access security, the DWL-3200AP supports VLAN tagging to provide internal and guest network access options. Other security features included are: MAC Address Filtering, Wireless LAN segmentation, Rouge AP detection, and Disable SSID Broadcast.

Multiple Operation Modes
To maximize total return on investment, the DWL-3200AP 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, and WDS (No AP Broadcasting). With WDS support, network administrators can also set up multiple DWL-3200APs throughout a facility and configure them to bridge with one another to effectively deliver network traffic to and from their respective sources. In WDS mode, the DWL-3200AP features Spanning Tree Protocol, which provides path redundancy while simultaneously preventing undesireable loops in the network. Additionally, support for syslog provides an industry standard for capturing log information for devices on the network.

Network Management
Network administrators have multiple options for managing DWL-3200AP, including SSL, SSH, and Telnet. For advanced network management, administrators can use D-Link's 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, network administrators can also verify and conduct regular maintenance checks without wasting resources by sending personnel out to physically verify proper operation.

With integrated PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the new D-Link *Air*Premier Wireless Access Point (DWL-3200AP) provides SMB environments with a business-class solution for deploying a wireless network in the workplace.

BUSINESS

*Air*Premier 802.11g Managed Access Point

Technical Specifications

Standards	+ IEEE 802.11b + IEEE 802.11g + IEEE 802.3 + IEEE 802.3af + IEEE 802.3u
Network Management	+ Web Browser Interface - HTTP - Secure HTTP (HTTPS) + AP Manager II + SNMPv3 Support - D-View Module - Private MIB + Command Line Interface - Telnet - Secure (SSH) Telnet
MAC Address Table	16K
Data Rate¹	For 802.11g: + 108, 54, 48, 36, 24, 18, 12, 9 and 6Mbps For 802.11b: + 11, 5.5, 2, and 1Mbps
Security	+ WPA-Personal + WPA-Enterprise + WPA2-Personal + WPA2-Enterprise + 64/128/152-bit WEP + SSID Broadcast Disable + Rogue AP Detection + MAC Address Access Control List + Isolated Security Setting for Each SSID
Wireless Frequency Range	+ 2.4GHz to 2.4835GHz
Wireless Operating Range¹	802.11g (Full Power with 5dBi Gain Diversity Dualband Dipole Antenna) Indoors: + 98ft (30m) @ 54Mbps + 112ft (34m) @ 48Mbps + 128ft (39m) @ 36Mbps + 154ft (47m) @ 24Mbps + 184ft (56m) @ 18Mbps + 217ft (66m) @ 12Mbps + 259ft (79m) @ 9Mbps + 325ft (99m) @ 6Mbps Outdoors: + 367ft (112m) @ 54Mbps + 820ft (250m) @ 18Mbps + 1640ft (500m) @ 6Mbps
Operating Voltage	+ 48VDC +/- 10% for PoE
Radio and Modulation Type	For 802.11b: DSSS: + DBPSK @ 1Mbps + DQPSK @ 2Mbps + CCK @ 5.5 and 11Mbps For 802.11g: OFDM: + BPSK @ 6 and 9Mbps + QPSK @ 12 and 18Mbps + 16QAM @ 24 and 36Mbps + 64QAM @ 48 and 54Mbps DSSS: + DBPSK @ 1Mbps + DQPSK @ 2Mbps + CCK @ 5.5 and 11Mbps
Operating Modes	+ Access Point + WDS with AP + WDS/Bridge (No AP Broadcasting)
Antenna	Dual 5dBi Gain Detachable Diversity Dipole Antennas with Reverse SMA Connectors

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Maximum Transmit Output Power	For 802.11b: 21dBm For 802.11g: 21dBm
Maximum EIRP (Effective Isotropic Radiated Power)	Total Output Power (Output Power with 5dBi Antenna) For 802.11b: 26dBm For 802.11g: 26dBm
LEDs	+ Power　　　　　　　　　+ LAN + 802.11b/g
Maximum Power Consumption	6.42 Watts (130mA)
Temperature	+ Operating: 32˚F to 104˚F (0˚C to 40˚C) + Storing: -4˚F to 149˚F (-20˚C to 65˚C)
Humidity	+ Operating: 10% ~ 90% (Non-Condensing) + Storing: 5% ~ 95% (Non-Condensing)
Certifications	+ FCC Class B　　　　　　+ Wi-Fi® + CE　　　　　　　　　　　+ C-Tick + UL
Dimensions (W x D x H)	6.48″ x 7.27″ x 1.25″ (164.59mm x184.66mm x 31.75mm)
Weight (lbs)	1.33lbs (603.28g)
Warranty	1-Year Limited[2]

[1] Maximum wireless signal rate derived from IEEE Standard 802.11b and 802.11g 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 conditions will adversely affect wireless signal range.
[2] 1-Year limited warranty available only in the U.S.A and Canada

All references to speed 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. Visit www.dlink.com for more details.