AirPremier™

For Business-Class Environments

+ Smoke Detector Shape for Mounting on Ceiling
+ Ideal for Indoor Deployments
+ RP-SMA Connector for Optional External Directional Antenna

Multiple Operation Modes

+ Access Point
+ WDS With AP
+ WDS

High Performance Connectivity

+ 802.11g Wireless Speeds
+ Up to 108Mbps Wireless Data Transfer Rates
+ D-Link 108G Technology 108Mbps Wireless Speed

Trusted Security Features

+ 64/128/152-bit WEP Data Encryption
+ WPA/WPA2 Personal
+ WPA/WPA2 Enterprise
+ WPA-PSK/AES Over WDS
+ 802.1x User Authentication
+ AES
+ 802.1Q VLAN Tagging for Network Segmentation
+ MAC Address Filtering
+ 802.11i
+ Rogue AP detection
+ Multiple SSID (Up to 8)
+ WMM (Wi-Fi Multimedia) Certified

Convenient Installation

+ Built-in 802.3af Power over Ethernet
+ Mounting Plate Included

Advanced Management

+ AP Manager II
+ Web Browser (HTTP)
+ Telnet
+ SNMP v3
+ SSL/SSH
+ SNTP

AirPremier G Indoor Wireless Access Point

The D-Link AirPremier DWL-3260AP is a powerful and reliable wireless access point for business-class enterprise environments. Designed for indoor installation, this access point provides advanced functions including 108Mbps Turbo speed, security, Quality of Service (QoS), and Power over Ethernet (PoE) for network administrators to deploy a highly manageable and robust wireless network.

Up to 108Mbps Wireless Speed. The DWL-3260AP delivers reliable wireless performance with standard 802.11g wireless throughput rates of up to 54Mbps. *It has the added capability of reaching maximum wireless signal rates of up to 108Mbps (Turbo mode) powered by D-Link 108G technology. At the same time, the DWL-3260AP remains fully compatible with the IEEE 802.11b and 802.11g standards.

Power Over Ethernet Support. For maximum coverage, the DWL-3260AP can be placed at out-of-the-way locations such as on a ceiling, using a mounting plate. Industry-standard 802.3af PoE support facilitates installation of this device on high places, where AC outlets are inaccessible and providing power to these locations is difficult and expensive. From the ceiling, the DWL-3260AP can obtain power from a PoE switch located as far as 100 meters away through the existing network cable, doing away with the need to install separate power wiring.

Ceiling Mounting. The DWL-3260AP has a round shape and can be camouflaged as a smoke detector to distract the attention of network intruders. Its diagnostic LED can be turned off to make it appear even more like a smoke detector.

Advanced Wireless Security. Since wireless security remains a strong concern among businesses, the DWL-3260AP provides the latest wireless security technologies by supporting both WPA/WPA2-Enterprise and 802.1x to ensure complete network protection. In addition, the DWL-3260AP currently comes 802.11i-ready to fully support industrial grade wireless security. Other security features included in this Access Point are MAC Address Filtering, Wireless LAN segmentation, Broadcast SSID Disabled, and support for Advanced Encryption Standard (AES) data encryption.

Network Access Protection. Additionally, the DWL-3260AP supports Network Access Protection (NAP), which is a feature of Microsoft® Windows Server 2008. NAP allows network administrators to define multiple levels of network access based on the needs of individual clients. If a client is identified outside of their access area, the client will be automatically brought back to their permitted network access level.

WDS (Wireless Distribution System) Support. To maximize total return on investment, the DWL-3260AP can be configured to operate as an access point (AP mode), a point-to-point bridge or a point-to-multipoint bridge (WDS mode). In the AP mode, the DWL-3260AP uses its built-in omni-directional antenna for multi-angle coverage. In the WDS mode, the DWL-3260AP can be mounted on a high wall and externally fitted with an optional directional antenna through its SMA connector. Users will disable the built-in antenna through a slide switch, and the DWL-3260AP will communicate only with wireless bridges, using the external directional antenna, without allowing wireless clients or workstations to access them.

Increased Network Flexibility and Efficiency. The DWL-3260AP supports multiple SSIDs, allowing you to separate applications based on security and performance requirements. You can enable encryption and authentication on one SSID to protect private applications and no security on another SSID to maximize open connectivity for public usage. Multiple SSIDs means you can mix and match the broadcasting of SSIDs. For public Internet access applications, you can broadcast the SSID to enable user radio cards to automatically find available access points. For private applications, you can disable SSID broadcast to prevent intruders from identifying your network. You can set the number of users that can associate via a particular SSID to control usage of particular applications. This can help provide a somewhat limited form of bandwidth control for particular applications.

Cost Saving and Mobile Applications. By supporting multiple SSIDs, the DWL-3260AP allows you to logically divide your access point into several virtual access points all within a single hardware platform. Rather than having two separate WLANs, you can deploy one access point to support more than one application, such as public Internet access and internal network control to increase flexibility and keep costs down.

Advanced Network Management. Network administrators can manage all the DWL-3260AP's settings via its web-based configuration utility or with Telnet. For advanced network management, the administrators can use D-Link's AP Manager or D-View SNMP 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.

* Maximum wireless signal rate based on IEEE standard 802.11g specifications. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate. 108Mbps Turbo mode operates with other D-Link 108G or 108AG devices.

D-Link®

DWL-3260AP

AirPremier 802.11g Indoor Wireless Access Point

Product Specifications

Standards	+ IEEE 802.11b + IEEE 802.3 + IEEE 802.3af + IEEE 802.11g + IEEE 802.3u
Data Rates	For 802.11g: + 108, 54, 48, 36, 24, 18, 12, 9 and 6Mbps For 802.11b: + 11, 5.5, 2 and 1Mbps
Wireless Frequency Range	+ 2.4GHz to 2.4835GHz
Antenna	+ Internal omni-directional antenna + Reverse SMA connector for optional external antenna
Radio and Modulation Type	For 802.11b: DSSS: + DQPSK @ 2Mbps + DBPSK @ 1Mbps + CCK @ 5.5 and 11Mbps For 802.11g: OFDM: + QPSK @ 12 and 18Mbps + 64QAM @ 48 and 54Mbps + BPSK @ 6 and 9Mbps + 16QAM @ 24 and 36Mbps DSSS: + DQPSK @ 2Mbps + DBPSK @ 1Mbps + CCK @ 5.5 and 11Mbps
Transmit Output Power	+ 18dBm Typical
EIRP	+ Typical EIRP Using 1dBi internal Antenna: 19dBm Typical
Receiver Sensitivity	For 802.11b: + 1Mbps: -94dBm + 5.5Mbps: -89dBm + 2Mbps: -90dBm + 11Mbps: -85dBm For 802.11g: + 1Mbps: -94dBm + 5.5Mbps: -89dBm + 9Mbps: -84dBm + 12Mbps: -82dBm + 24Mbps: -77dBm + 48Mbps: -72dBm + 2Mbps: -90dBm + 6Mbps: -90dBm + 11Mbps: -85dBm + 18Mbps: -80dBm + 36Mbps: -73dBm + 54Mbps: -72dBm
Operation Modes	+ Access Point + WDS With AP + WDS

AirPremier 802.11g Indoor Wireless Access Point

Security	+64-, 128-, 152-bit WEP data encryption +MAC address filtering +WPA/WPA2 EAP +WPA/WPA2 PSK +802.1x User Authentication +AES +802.11i +802.1Q SSID broadcast enable/disable +Multiple SSIDs (maximum 8) +Isolated security for each SSID (different security setting for each SSID) +Rogue AP detection + Network Access Protection
VLAN	+802.1Q VLAN Tagging +Up to 8 VLANs
Quality of Service	WMM (Wi-Fi Multimedia) certified
Device Management	Web Browser Interface: +HTTP +Secure HTTP (HTTPS) AP Manager II SNMP support: +D-View module + Private MIB Command Line Interface: +Telnet + Secure (SSH) Telnet

AirPremier 802.11g Indoor Wireless Access Point

Physical & Environmental

LED Diagnostics	+ Power + Status + Traffic Activity
Operating Voltage	+ 48VDC +/- 10% for PoE
Power Consumption	+ 6.24 watts (130mA) (max.)
Dimensions	+ Diameter: 171.97 mm (6.77 inches) + Height: 48.16 mm (1.90 inches)
Weight	+ 284 grams (0.63 lb)
Operating Temperature	0˚ to 40˚ C (32˚ to 104˚ F)
Storing Temperature	-20˚ to 65˚ C (-4˚ to 149˚ F)
Operating Humidity	10% to 90% (non-condensing)
Storing Humidity	5% to 95% (non-condensing)
Certifications	+ FCC Class B + CE + Wi-Fi + IC + CSA + C-Tick

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