



DWL-1000AP+

Now Includes
802.1X
Support

- 5 Different Operation Modes Including Repeating Mode¹
- Load Balancing Mode to Improve Wireless Bandwidth
- Backup Mode for Access Point Redundancy
- Up to 22Mbps with AirPlus Products

AirPremier

Enterprise 2.4GHz Wireless

Access Point

11b
ENHANCED
802.11b

22
Mbps

WEB
BASED
CONFIGURATION

802.1x
WITH
128-BIT WEP
SECURITY

FREE
24/7
SUPPORT
(USA ONLY)

D-Link, the industry pioneer in wireless networking, introduces another performance breakthrough in wireless connectivity – the D-Link AirPremier™ DWL-1000AP+ Access Point capable of transfer rates of up to 22Mbps with 802.1x support for improved wireless security.

The DWL-1000AP+ is an enterprise wireless access point featuring advanced silicon chip design from Texas Instruments, utilizing their patented Digital Signal Processing™ technology providing more secure wireless connectivity and expansion for emerging enterprises.

The DWL-1000AP+ can be configured to perform in any one of five modes ñ as wireless access point, as a point-to-point bridge with another DWL-1000AP+, as a point-to-multi-point wireless bridge, as a wireless client, or as a wireless repeater.

In access point mode, the DWL-1000AP+ offers a load-balancing feature that maximizes the wireless bandwidth available to wireless clients by sharing the load within a group of access points. Additionally, the DWL-1000AP+ provides a redundancy feature to allow it to be configured to backup a primary access point. These advanced features along with 802.1x support makes the DWL-1000AP+ an ideal solution for hotspot deployments, for creating and extending wireless local networks in offices or other workplaces where wireless security is required.



The DWL-1000AP+ is fully compatible with the IEEE 802.11b standard making it interoperable with all existing 802.11b compliant devices. When the wireless network is comprised of other D-Link products such as the AirPlus DWL-520+ Wireless PCI Adapter, DWL-650+ Wireless Cardbus Adapter, transfer rates can be as high as 22Mbps!

AirPremier

Enterprise 2.4GHz Wireless

Access Point



DWL-1000AP+

SPECIFICATIONS

Standards

- IEEE 802.1x
- IEEE 802.11b
- IEEE 802.3
- IEEE 802.3u

Ports

(2) 10/100 Mbps Fast Ethernet

Data Rates

- With Automatic Fallback
- Up to 22Mbps
 - 11Mbps
 - 5.5Mbps
 - 2 Mbps
 - 1 Mbps

Encryption

64-, 128-, 256-bit WEP

Media Access Control

CSMA/CA with ACK

Frequency Range

2.4GHz to 2.4835GHz

Operating Range

Indoors: Up to 328feet (100 meters)
Outdoors: Up to 1,312 feet (400meters)

Modulation Techniques

- Barker (1Mbps/0db)
- Barker (2Mbps/3db)
- CCK (5.5Mbps/5.5db)
- PBCC (5.5Mbps/8.5db)
- CCK (11Mbps/8.5db)
- PBCC (11Mbps/4.5db)
- PBCC (22Mbps/8.5db)

Power Input

External Power Supply: DC 5V, 2.0A

LEDs

- Power
- Diagnostic
- WLAN (Wireless Local Area Network)
- (2) Local Network (Ethernet)

Output Power

17dBm (50mW) ± 2dB

External Antenna Type

2.0dB gain with reverse SMA connector

Device Management

- Web-Based – Internet Explorer or Netscape Navigator v6 or later
- Access Point Manager

Temperature

Operating: 32°F to 131°F (0°C to 55°C)
Storing: -4°F to 167°F (-20°C to 75°C)

Humidity

95% maximum, non-condensing

Certifications

- FCC
- UL

Dimensions

- L=9.25 inches (233mm)
- W=6.5 inches (165mm)
- H=1.38 inch (35mm)

Weight

~2.0 lbs (907g)

Warranty

3 Year

*Five Wireless Modes

Operation Mode (Only supports 1 mode at a time)	Function
Access Point (AP)	Create a Wireless LAN
AP - to - AP Bridging	Wirelessly Connect 2 Networks
Point - to - Multipoint Bridging	Wirelessly Connect Multi Networks
Wireless Client	Wirelessly Connect Ethernet Devices
Repeating Mode	Extend Range of Wireless Network

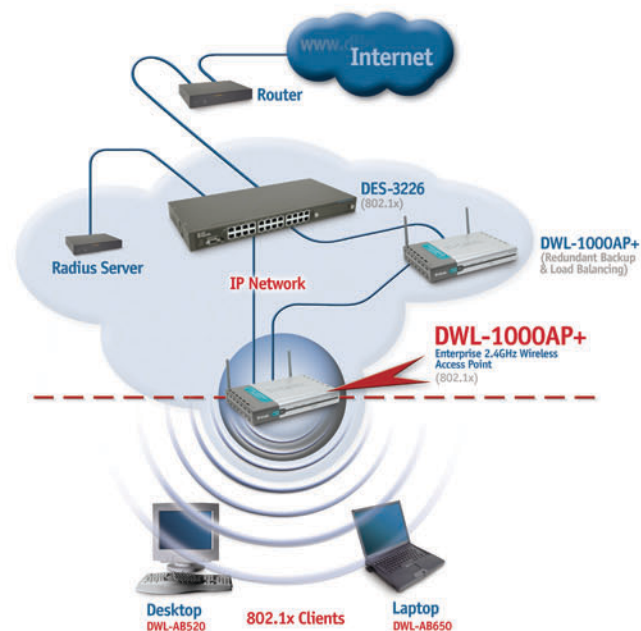
Technology

D-Link DWL-1000AP+

Standard 802.11b

Performance

1X Up to 2X



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*24/7 Tech Support is available only in USA.

D-Link®

Building Networks for People