

DWL-1000AP Wireless Access Point

Create a Network and Share Internet Access without Wires

The D-Link DWL-1000AP is an IEEE 802.11b compliant 11 Megabits per second (Mbps) Ethernet wireless Access Point. Once activated with the network, it provides Direct Sequence Spread Spectrum (DSSS) operation for wireless networks delivering transparent bridging and roaming capabilities for wireless nodes.

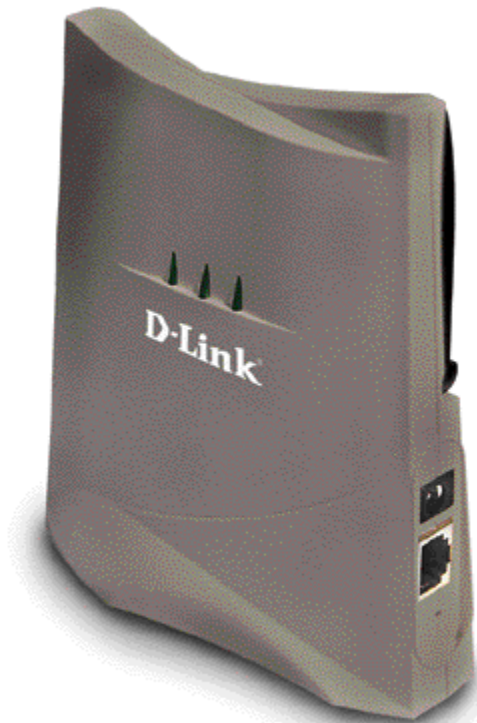
The D-Link DWL-1000AP provides an access point connections building Infrastructure for the network or to extend the reach of the network communications capability. It enables full mobility and seamless roaming from cell to cell. The range of coverage per cell for indoor use is up to 100 meters and up to 300 meter per cell for outdoor use.

In bridge mode, the DWL-1000AP can be directly connected to a broadband residential gateway or a xDSL/Cable modem to provide high-speed wireless Internet access. On a dynamic network connection, the DWL-1000AP will automatically obtain a DHCP IP and forward additional DHCP IP's to multiple clients on the network.

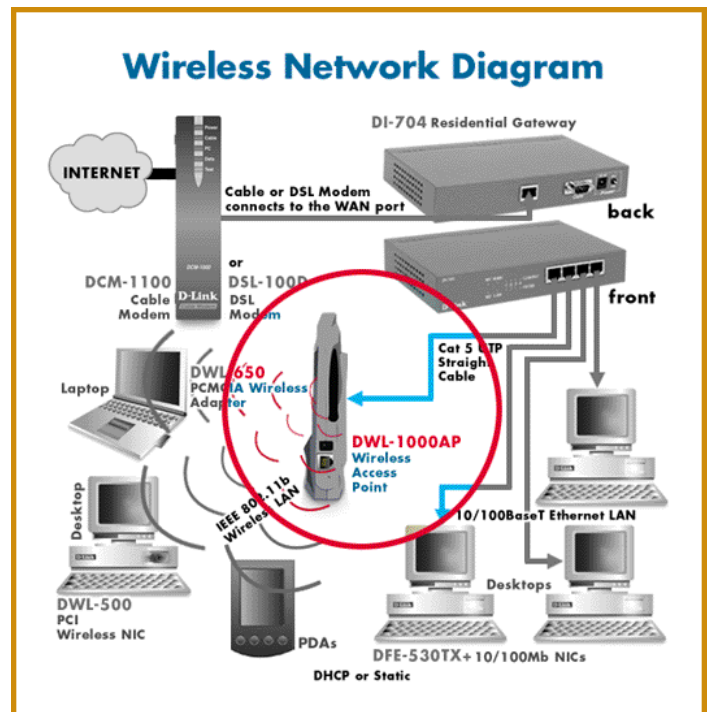
It strictly adheres to with the most advanced IEEE networking Standard for wireless connections, so the D-Link DWL-1000AP is very compatible with multi-vendor environments that also meet the standard compliance for IEEE 802.11b. The DWL-1000AP bandwidth data transmission rate can be set manually at 11Mbps, 5.5Mbps, 2Mbps, 1Mbps or it can be set on dynamic auto-sensing configuration.

The DWL-1000AP operates in 2.4 GHz Direct Sequence Spread Spectrum (DSSS) for wireless networks in the home or office environment with transparent bridging and roaming capabilities. The DWL-1000AP can be managed remotely via the access point manager software. It also supports WEP (Wired Equivalent Privacy), MAC address control and user authentication to ensure a secure network connection.

The D-Link DWL-1000AP will automatically identify the IP of the host PC as well as the subnet when connected on to an Ethernet LAN in the home or office environment. In addition, with the easy to use access point manager software, the IP address of the DWL-1000AP can also be manually assigned. The access point manager software can be installed in Windows 98, 98SE, ME, 2000 and NT 4.0.



The D-Link DWL-1000AP Wireless Access Point allows you to create a network and share Internet access without wires



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Technical Specifications	
Standards	<ul style="list-style-type: none"> • IEEE 802.11b • All major networking standards (including IP, IPX)
Port	<ul style="list-style-type: none"> • (1) RJ-45, 10Base-T • (1) Power - 5V DC 1.5A (Center on Positive)
Transport Protocols	<ul style="list-style-type: none"> • TCP/IP • IPX/SPX • NetBEUI
TCP/IP Protocols	<ul style="list-style-type: none"> • BOOTP • SNMP • Telnet • DHCP • FTP
Supported OS	<ul style="list-style-type: none"> • Windows 98 • Windows ME • Windows 2000 • Windows NT 4.0
Data Security	40 bit WEP (Wired Equivalent Privacy) Encryption
Data Rate	<ul style="list-style-type: none"> • Mbps/channel • 11 : CCK • 5.5 : CCK • 2 : DQPSK • 1 : DSSS
Range	<ul style="list-style-type: none"> • indoors : per cell approximately 35 to 100 meters • outdoors : per cell approximately 100 to 300 meters
Power Specifications DC power supply	<ul style="list-style-type: none"> • Input: DC 100-240, 50-60 Hz, 1A • Output: 5V DC 1A converter included
Antenna	Diversity Antenna System; 2dB gain with swivel neck
Transmit Power	<ul style="list-style-type: none"> • Nominal Range: 14 dBm, 12 dBm min. • Extend Range: 14 dBm, 11 dBm min. • Transmit Power: 2.7V to 3.0V, 14 dBm max, 11 dBm min
Frequency Range	2.4 : 2.4835 GHz, Direct Sequence Spread Spectrum (DSSS)
Network Architecture	<ul style="list-style-type: none"> • Supports Infrastructure Mode (Communications to wired networks via Access Points with Roaming) • Compliant with IEEE 802.11b Standards
Operating Channels	<ul style="list-style-type: none"> • 1-11 United States (FCC) • 1-11 Canada (DOC)
Physical Dimensions	<ul style="list-style-type: none"> • L = 123 mm • W = 40 mm • H = 135 mm
Diagnostic LEDs	<ul style="list-style-type: none"> • Activity (Green) • Power (Green) • Link (Green)
Temperature	Operating Temperature: -10°C to 50°C
Humidity	Max. 95%, non-condensing
Emissions	<ul style="list-style-type: none"> • FCC • CE • ETSI 300.328 • ARIB-Telec
Safety	UL
Warranty	Lifetime Warranty and Free Technical Support