



DWL-1700AP

- Ideal for Internet Hotspots
- Robust Outdoor Housing
- Enhanced Security with 802.1x and Built-in Firewall
- Easy Installation

AirPremier

Outdoor 2.4GHz Wireless Access Point



D-Link, the industry pioneer in wireless networking, now offers economical wireless outdoor solutions. The D-Link *AirPremier DWL-1700AP* is a 2.4GHz wireless access point that conforms to IEEE 802.11b standards. The *DWL-1700AP* covers a large operating distance to provide 11Mbps wireless LAN and broadband Internet access. The *DWL-1700AP* is ideal for Internet Service Providers (ISPs) to create hotspot networks and provide outdoor users with wireless Internet access.

The D-Link *AirPremier DWL-1700AP* is designed for harsh outdoor environments. With die-cast watertight housing and built-in lightning protector (surge arrester), the *DWL-1700AP* is the most robust outdoor AP for enterprise networks on the Wireless LAN market. It includes cost-effective Power over Ethernet (PoE) and unique outdoor remote-mounted design for easy installation. The *DWL-1700AP* is great for use in severe environments such as manufacturing plants, industrial locations, military bases and hotspot networks in universities, hotels, airports, golf courses, and other outdoor Wireless LAN applications.

The *DWL-1700AP* can be configured to perform as a wireless Access Point (AP) or as a wireless router. Security is a major concern for outdoor Wireless LAN; therefore, the *DWL-1700AP* not only provides up to 128-bit WEP encryption, but also supports the IEEE 802.1x port-based network access control with RADIUS server for user authentication and accounting. It has MAC address based access control and many other features for stronger security. With a built-in firewall, the *DWL-1700AP* can work as a NAT inbound virtual server and provides IP based access control. Denial of Service (DoS) protection is also included with the *DWL-1700AP* to prevent your wireless network from being hack. The *DWL-1700AP* is easy to be managed by web-based user interface, telnet, and RS-232 console configuration. SNMP (MIB I & MIB II) support makes *DWL-1700AP* great for enterprise wireless network management.

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Access Point



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SPECIFICATIONS

Standards:

- IEEE 802.11b Direct Sequence Spread Spectrum (DSSS)

Frequency Range:

- 2.4-2.497MHz ISM band

Regulation Certifications

- FCC Part15
- ETSI 300/328

Data Rate & Modulation:

- 11Mbps (CCK)
- 5.5Mbps (CCK)
- 2Mbps (DQPSK)
- 1Mbps (DBPSK)

Transmit Power (including 5dBi antenna)

- 24dBm (250mW)

Receiver Sensitivity:

- < -84dBm @11Mbps
- < -90dBm @2Mbps

RF Connector:

- Proprietary N-type (Reverse Polarity)

Interface:

- 1 ports 10Base-T/100Base-TX Ethernet for WAN/LAN
- UART for console

Protocol Supported:

- TCP/IP

- NAT/NAPT
- Virtual Server (NAT inbound server)
- DHCP client/server
- PPPoE
- Static Routing
- Ethernet Bridging

Security:

- 64/128-bit WEP (RC4)
- IEEE 802.1x port-based authentication
- MAC address based access control
- 802.11b SSID hidden
- Denial Wireless 802.11b "ANY" station
- PPPoE authentication PAP/CHAP

Device Management:

- Web-based manager
- Console (RS-232) configuration
- SNMP MIB I & MIB II

Firmware Upgrade:

- TFTP (Transparent FTP)
- Xmodem & 1K Xmodem

Lightning Protector Surge Current:

- 20KA

Power Supply (PoE):

- Input: 100~240V AC 50~60Hz
- Output: -48V DC 0.7A

Operating Range:

- Up to 1968ft (600 meters)

Operating Temperature:

- -20~70°C (-4~158°F) in operating
- -40~80°C (-40~176°F) in storage

Humidity (non-condensing)

- 5% to 95% typical
- All-weather enclosure

Dimensions

- L = 9.57in (243mm)
- W = 7.87in (200mm)
- H = 3.03in (77mm)

Weight

- 4.41lbs

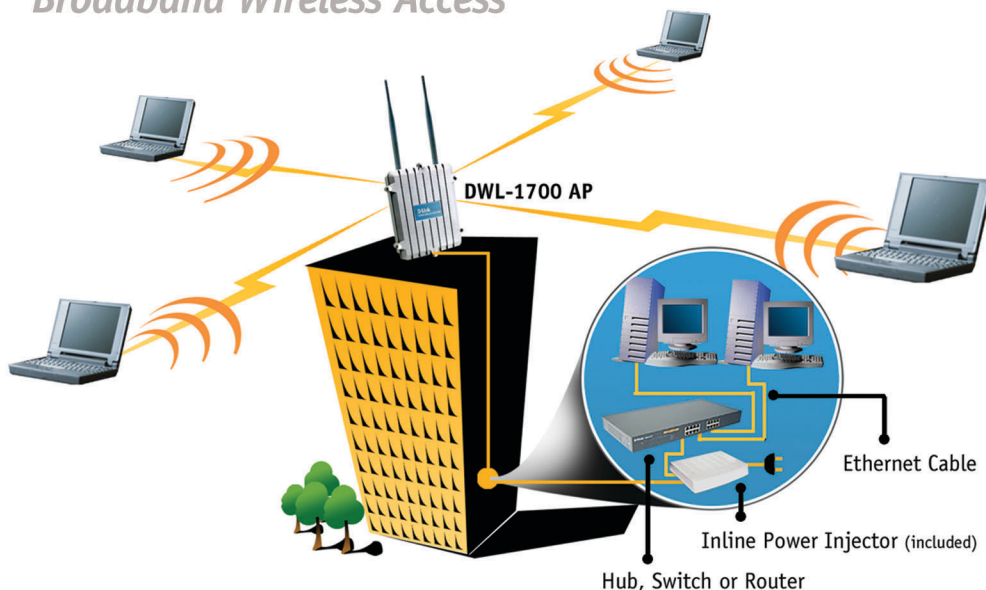
Package Contents:

- DWL-1700AP Unit
- Ethernet Inline Power Injector
- Two Omni Antenna
- 30m MIL-C-5015 style Ethernet Cable
- 2m Uplink RJ-45 Ethernet Cable
- 2m MIL-C-5015 style RS232 Configuration Cable
- User's Manual CD
- Mast Mounting Bracket with U-bolts
- Wall Mounting Bracket with screws

Warranty

- 1 Year

Broadband Wireless Access



Advanced Firewall Features

Built-in NAT firewall	✓
IP based Access Control	✓
Denial of Service (DoS) Protection	✓
MAC Filtering	✓
Scheduling	✓



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

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Building Networks for People