

Robust Network Options

- + Simultaneous 802.11b/g Wireless Connectivity
- + Multiple SSID Support
- + Detachable Antennas

Outdoor-Friendly Housing

- + Supports 802.3af Power over Ethernet
- + Diecast Watertight Housing
- + Built-in Heater with Temperature Sensor

Multiple Operation Modes

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

Maximum Security Features

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

Advanced Options

- + Load Balancing
- + SysLog

Easy Management

- + Web Browser
- + Telnet
- + SNMPv3
- + AP Manager II

AirPremier 802.11g Outdoor AP/Bridge

Overview

D-Link, the industry pioneer in wireless networking, offers a reliable high-performance wireless outdoor solution—the D-Link AirPremier 802.11g Outdoor AP/Bridge (DWL-2700AP), capable of delivering transfer rates of up to 54Mbps¹ in an outdoor environment.

Extended Wireless Coverage

The AirPremier 802.11g Outdoor AP/Bridge is an ideal addition to business networks seeking to extend wireless signal coverage over outdoor real estate. Hotspot operators can use this rugged outdoor access point to support and deliver wireless connectivity to their customers—whether they are indoors, outdoors, on the terrace, or even on a boat in the middle of a lake. Another ideal deployment application includes bridging together networks that are located in separate buildings.

Durable Outdoor AP/Bridge

Enclosed in a diecast watertight housing and equipped with a built-in heater monitored by a temperature sensor, the AirPremier 802.11g Outdoor AP/Bridge is designed to endure almost any outdoor condition. For advanced installations, this AP/Bridge has an integrated 802.3af Power over Ethernet (PoE) port that allows you to install the device in areas where power outlets are not readily available³.

Multiple Operation Modes

In addition to easy installation, the AirPremier 802.11g Outdoor AP/Bridge can be configured to operate in any one of three modes: Access Point (AP), Wireless Distribution System (WDS) with AP, or WDS (No AP Broadcasting). This will provide versatile solutions to a wide range of wireless scenarios.

Security

When used in any of its operating modes, the AirPremier 802.11g Outdoor AP/Bridge provides maximum security by supporting WEP (64/128/152-bit), WPA, WPA2, MAC Address Filtering, Wireless LAN segmentation, and Disable SSID Broadcast, ensuring complete network protection.

Advanced Features

The AirPremier 802.11g Outdoor AP/Bridge includes advanced features like load balancing that optimizes high network traffic volume and redundancy for fail-safe wireless connectivity. Combined with syslog, an industry standard for computer systems monitoring and security auditing, the DWL-2700AP is an ideal wireless networking solution.



Network Management

Network administrators can manage all AP/Bridge settings via its Web-based configuration utility or with Telnet. For advanced network management, administrators can use D-Link's AP Manager II or D-View SNMPv3 management module to configure multiple access points from a single location.

With integrated PoE support, extensive manageability, versatile operation modes, and solid security enhancements all built into one sturdy box, the D-Link AirPremier 802.11g Outdoor AP/Bridge (DWL-2700AP) provides everything network administrators need to extend a wireless network to the outdoors.



AirPremier 802.11g Outdoor AP/Bridge

Technical Specifications

Standards	+ IEEE 802.11b + IEEE 802.3u	+ IEEE 802.11g + IEEE 802.3x	+ IEEE 802.3
Network Management	+ Web Browser Interface + AP Manager II + SNMP Support - D-View Module - Private MIB + Command Line Interface - Telnet		
Data Rate ¹	For 802.11b: + 11, 5.5, 2, and 1Mbps For 802.11g: + 54, 48, 36, 24, 18, 12, 9 and 6Mbps		
Security	+ WPA-Personal + WPA2-Personal + 64/128/152-bit WEP + MAC Address Access Control List + WPA-Enterprise + WPA2-Enterprise + SSID Broadcast Disable		
Wireless Frequency Range	+ 2.4GHz to 2.4835GHz		
Radio and Modulation Type	For 802.11b: DSSS: + DBPSK @ 1Mbps For 802.11g: OFDM: + BPSK @ 6 and 9Mbps + 64QAM @ 48 and 54Mbps DSSS: + DBPSK @ 1Mbps + DQPSK @ 2Mbps + CCK @ 5.5 and 11Mbps + QPSK @ 12 and 18Mbps + 16QAM @ 24 and 36Mbps		
Antenna Type	+ Monopole Antennas with 5dBi Gain		
Transmit Output Power	For 802.11b: + 100mW (20dBm) + 30mW (15dBm) + 10mW (10dBm) + 1mW (0dBm) For 802.11g: + 200mW (23dBm) + 30mW (15dBm) + 10mW (10dBm) + 1mW (0dBm) + 50mW (17dBm) + 20mW (13dBm) + 5mW (7dBm) + 63mW (18dBm) + 20mW (13dBm) + 5mW (7dBm)		
Receiver Sensitivity ¹	For 802.11b: + 1Mbps: -92dBm + 5.5Mbps: -88dBm For 802.11g: + 1Mbps: -92dBm + 6Mbps: -87dBm + 12Mbps: -88dBm + 36Mbps: -76dBm + 2Mbps: -89dBm + 11Mbps: -83dBm + 2Mbps: -89dBm + 9Mbps: -86dBm + 18Mbps: -83dBm + 48Mbps: -71dBm + 5.5Mbps: -88dBm + 11Mbps: -85dBm + 24Mbps: -80dBm + 54Mbps: -66dBm		
LEDs	+ Power + RSSI level + 10M/100M + 802.11b/g		

