D-Link®
Building Networks for People

Product Highlights

Enjoy High-performance Wireless Connectivity

Harness the power of Wireless AC, enjoying wireless speeds of up to 1200 Mbps[1], perfect for high-demand business applications

Rugged Construction

IP68 weatherproof housing and weathershield makes the DAP-5922AC ideal for the most demanding of surveillance applications

Flexible Operation

Configure to use as an Access Point, a Wireless Distribution System (WDS) with Access Point, a WDS/Bridge, or a Wireless Client

DAP-5922AC

Wireless AC1200 Concurrent Dual Band Outdoor PoE Access Point

Features

High-performance Connectivity
- IEEE 802.11ac wireless[1]
- Up to 1200 Mbps[1]
- Two Gigabit LAN ports

Made for Outdoor Environments
- IP68 Water and Dust-Proof housing
- Weather Resistant to temperatures between -30 and 60°C
- Gore-Tex® Technology repels liquid water while allowing for heat and humidity dissapation

Advanced Software Features
- Simultaneous dual-band connectivity for increased network capacity
- Traffic control/QoS
- Internal RADIUS server
- Web redirection
- WPA/WPA2 - Enterprise/Personal
- WPA2 - PSK/AES over WDS
- MAC address filtering
- ARP spoofing prevention
- WLAN partition

Convenient Installation
- Supports 802.3af Power over Ethernet
- Wall and pole mounting hardware included

The DAP-5922AC Wireless AC1200 Concurrent Dual Band Outdoor PoE Access Point is a versatile, high power outdoor access point designed with harsh weather resistant features making it an ideal solution for creating outdoor wireless hot spot networks. In addition to outdoor, it can be installed in environments where flexible wireless access and harsh conditions exists including; manufacturing plants, industrial automation, convention halls, stadium facilities, airports, school campuses, golf courses, marinas or virtually any venue requiring a robust wireless solution.

Super-fast Wireless AC Performance

The DAP-5922AC delivers reliable, high-speed wireless performance using the latest 802.11ac standards with maximum wireless signal rates of up to 300 Mbps over the 2.4 GHz band, and 867 Mbps over the 5 GHz band[1]. This, coupled with support for the Wi-Fi Multimedia™ (WMM) Quality of Service (QoS) feature, makes it an ideal access point for audio, video, and voice applications. When enabled, QoS allows the DAP-5922AC to automatically prioritize network traffic according to the level of interactive streaming, such as HD movies or VoIP. The QoS feature can be adjusted through the DAP-5922AC's web GUI using a drop-down menu option to select customized priority rules. Additionally, the DAP-5922AC supports load balancing to ensure maximum performance by limiting the maximum number of users per access point.

Built for the Outdoors

Specially built for outdoor use, the DAP-5922AC has an IP68 weatherproof housing that protects it from dirt and rain. Wireless AC connectivity and high powered antennas means you can put it anywhere within range of your wireless network, giving you the freedom to install it right where you need wireless coverage.

Security

To help maintain a secure wireless network, the DAP-5922AC supports both Personal and Enterprise versions of WPA and WPA2 (802.11i), with support for RADIUS server backend and a built-in internal RADIUS server allowing users to create their accounts within the device itself. This access point also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disable, rogue AP detection, and wireless broadcast scheduling to further protect your wireless network. The DAP-5922AC includes support for up to eight VLANs per band for implementing multiple SSIDs to further help segment users on the network. It also includes a wireless client isolation mechanism, which limits direct client-to-client communication. Additionally, the DAP-5922AC supports Network Access Protection (NAP), a feature of Windows Server® 2008, allowing network administrators to define multiple levels of network access based on individual client's need.

Multiple Operation Modes

To maximize total return on investment, the DAP-5922AC can be configured to optimize network performance based on any one of its multiple operation modes: Access Point, Wireless Distribution System (WDS) with Access Point, WDS/Bridge (No AP Broadcasting), and Wireless Client. With WDS support, network administrators can set up multiple DAP-3662s throughout a facility and configure them to bridge with one another while also providing network access to individual clients. The DAP-5922AC also features advanced features such as load balancing and redundancy, for fail-safe wireless connectivity.
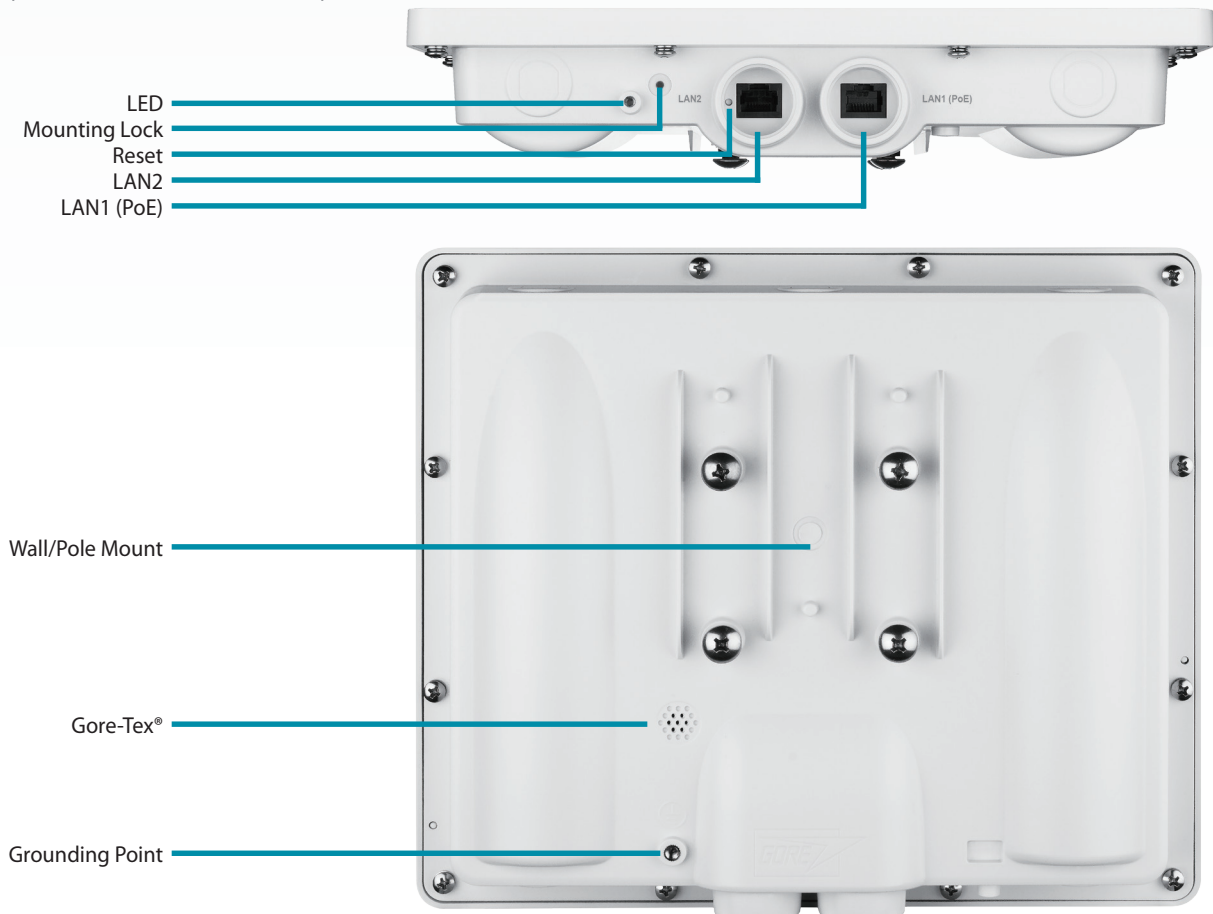
Versatile Access Point Functionality

The DAP-5922AC allows network administrators to deploy a highly manageable and extremely robust simultaneous dual-band wireless network. The DAP-5922AC can provide optimal wireless coverage over either the 2.4 GHz (802.11b, 802.11g, and 802.11n) or the 5 GHz (802.11a, 802.11n, and 802.11ac) band. The DAP-5922AC has integrated 802.3af Power over Ethernet (PoE) support, allowing this device to be installed in areas where power outlets are not readily available.
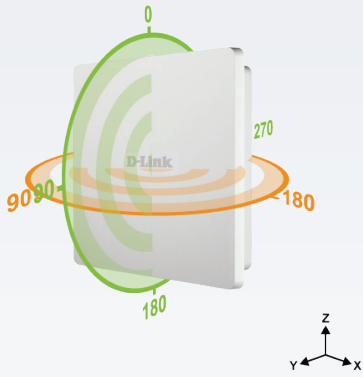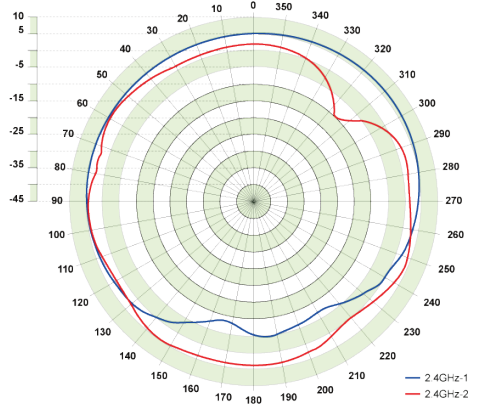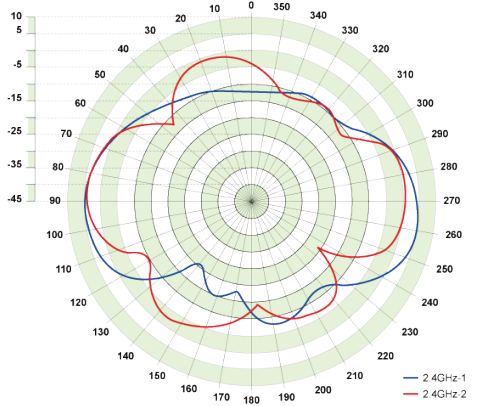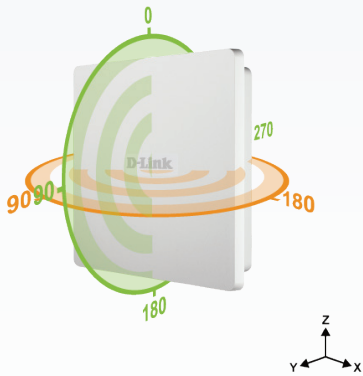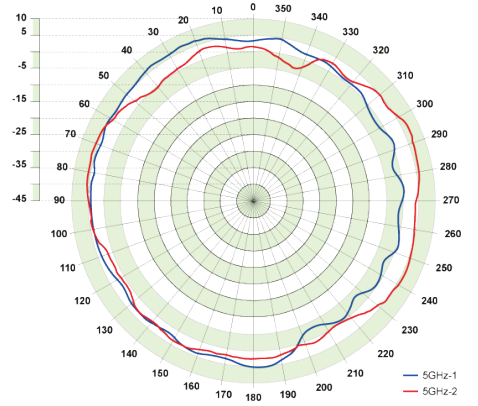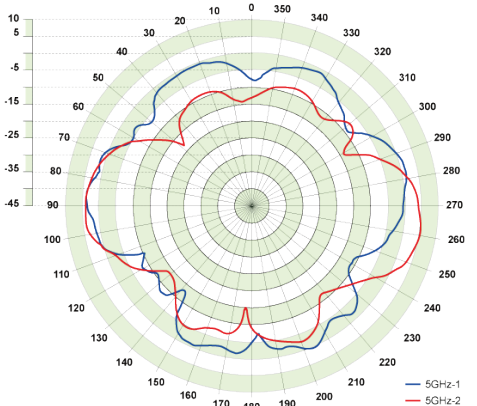
Network Management

Network administrators have multiple options for managing the DAP-5922AC, including web (HTTP), Secure Socket Layer (SSL, which provides for a secure connection to the Internet), Secure Shell (SSH, which provides for a secure channel between local and remote computers), and Telnet. For advanced network management, administrators can use the D-Link Central WiFiManager to configure and manage multiple access points from a single location.

The DAP-5922AC has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With simultaneous dual-band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-5922AC provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.

Technical Specifications

General

Device Interfaces	• 802.11a/b/g/n/ac wireless[1]	• 2 Gigabit LAN Port (LAN1 supports PoE)
LEDs	• Power	
Standards	• IEEE 802.11a/b/g/n/ac[1]	• IEEE 802.3u/ab/af
Antennas	• Two internal 6 dBi for 2.4 GHz	• Two internal 6 dBi for 5 GHz
Maximum Output Power	• 26 dbm for 2.4 GHz	• 26 dbm for 5 GHz
Data Signal Rate	• 2.4 GHz 　• Up to 300 Mbps[1]	• 5 GHz 　• Up to 867 Mbps[1]

Functionality

Security	• WPA-Personal • WPA-Enterprise • WPA2-Personal • WPA2-Enterprise • WEP 64/128-bit encryption	• SSID broadcast disable • MAC address access control • Network Access Protection (NAP) • Internal RADIUS server
Network Management	• Telnet • Secure Telnet (SSH) • HTTP • Secure HTTP (HTTPS)	• Traffic control • SNMP • D-Link Central WiFiManager • AP Array

Physical

Dimensions	• 277 x 240 x 50 mm (10.91 x 9.45 x 1.97 inches)	
Weight	• 981 grams (2.16 lbs) with antennas	
Operating Voltage	• 48 V DC +/- 10%, or 802.3af PoE	
Maximum Power Consumption	• 12.5 Watts	
Temperature	• Operating: -30 to 60 °C (-22 to 140 °F)	• Storage: -30 to 65 °C (-22 to 149 °F)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • IC • CE [3] • C-Tick	• UL • Wi-Fi® Certified • IP68

Antenna Pattern

Orientation	H-Plane	E-Plane
2.4 GHz Wall Mounted		
5 GHz Wall Mounted		

Order Information

Part Number	Description
DAP-5922AC	Wireless AC1200 Concurrent Dual Band Outdoor PoE Access Point

[1] Maximum wireless signal rate derived from IEEE Standard 802.11ac and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.
[2] This unit is designed for indoor environments, you might violate local regulatory requirements by deploying this unit in outdoor environments.
[3] For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz and 5.470 - 5.750 GHz.

Updated 06/24/16