D-Link®

Product Highlights

Wireless AC Wave 2

Features next-generation 802.11ac Wave 2 technology to deliver a reliable wireless connection at incredible combined Wi-Fi speeds

Designed for Outdoors

IP67-compliant and designed to operate in harsh outdoor environments and temperatures ranging from -40 up to 60˚C

Optimised Wireless Experience

MU-MIMO and dual-band technology provide optimal wireless experience in high-density environments

DWL-8720AP

AC1300 Wave 2 Dual-Band Outdoor Unified Access Point

Features

Wireless AC Wave 2
- 802.11ac Wave 2 wireless standard with MU-MIMO
- Up to 1.3 Gbps combined throughput[2]

Ideal for Businesses
- Multiple virtual access points can be created from a single access point
- Flexible QoS with WMM

High-Performance Connectivity
- Band steering for efficient traffic management
- Airtime Fairness
- 802.11k Fast Roaming[1]

Trusted Wireless Security Features
- Supports WPA3
- MAC address filtering
- Rogue AP detection

Convenient Installation
- IP67-compliant housing, allowing it to withstand very harsh weather conditions
- Supports 802.3af Power over Ethernet, allowing the unit to be installed in remote locations

The DWL-8720AP AC1300 Wave 2 Dual-Band Outdoor Unified Access Point is specially designed for SMBs and enterprises, providing unparalleled bandwidth and flexibility for administrators looking to deploy a medium to large scale Wi-Fi network. It is IP67-compliant and designed to operate in harsh outdoor environments and temperatures ranging from -40 up to 60˚C. The DWL-8720AP offers combined wireless speeds of up to 1267 Mbps[1] as well as MU-MIMO support which enables the device to communicate with multiple clients using multiple antennas simultaneously. It also comes with the latest WPA3 Wi-Fi encryption to help protect your wireless network from malicious attacks. Wi-Fi Multimedia (WMM) and 802.1p Quality of Service (QoS) support can give time-sensitive traffic like VoIP or video streaming.

Not only can it operate in standalone mode, the DWL-8720AP can also be centrally managed by D-Link Wireless Controllers. Highly manageable and capable of blazing speeds, it integrates seamlessly into any existing network infrastructure and can be easily scaled to meet future demands.

D-LinkAssist
Next Business Day Service

Your network is the backbone of your business. Keeping it running is essential, even if the unexpected happens. D-Link Assist is a rapid-response technical support service that replaces faulty equipment quickly and efficiently. Maximising your uptime and giving you the confidence that instant support is only a phone call away.

All D-Link products with 5-year or Limited Lifetime warranty come with complimentary Next Business Day Service. D-Link will send out a replacement product to you on the next business day after acceptance of a product failure. On receipt of the replacement product, you simply arrange the return of the defective product to us. Any products with a 2-year/3-year warranty can also benefit from the Next Business Day advance replacement service when the optional 3-year warranty extension has been purchased.

Find out more at **eu.dlink.com/services**

Technical Specifications

General

Wireless Interface	• IEEE 802.11b/g/n 2.4 GHz wireless • IEEE 802.11/a/n/ac Wave 2 5 GHz wireless
MIMO	• 2 x 2
Data Rate[4]	• 2.4 GHz - Up to 400 Mbps • 5 GHz - Up to 867 Mbps
Antenna	• External omni-directional antennas • 2.4 GHz: 3.5 dBi • 5 GHz: 5 dBi
Operating Frequency	• 2400 to 2483.5 MHz • 5150 to 5850 MHz
Operating Channels	• 1 to 13 channels for 2.4 GHz band (per country code) • 36 to 165 channels for 5 GHz band (per country code)
Ethernet Interface	• 1 x 10/100/1000BASE-T LAN port
Console Port	• RJ-45

Functionality

Advanced Features	• Auto Channel selection • 802.1p Quality of Service (QoS) • Wireless Multimedia (WMM) • Wireless Distribution System (WDS) • Band steering • Airtime Fairness • IEEE 802.11k Fast Roaming

Management

Operating Mode	• Standalone mode • Managed mode - Centrally managed by D-Link Wireless Controller (DWC-1000 ver. C1, DWC-2000)
Management Interfaces	• Web-based User Interface (Web UI) • Telnet/SSH • Command Line Interface (CLI) • SNMP v1/v2c/v3

Security

SSID Security	• Up to 32 SSIDs, 16 per radio • 802.1Q VLAN • Station Isolation
Wireless Security	• WPA3-Personal/Enterprise • WPA2-Personal/Enterprise • WPA-Personal/Enterprise • SAE • OWE (Enhanced Open) • AES • TKIP
Detection & Prevention	• Rogue and Valid AP Classification
Authentication	• MAC Address Filtering

Physical	
Dimensions	• 460 x 160 x 79.5 mm
Weight	• 1.38 kg without bracket
Power Supply	• Supports 802.3af PoE PD on LAN Port
Power over Ethernet	• 802.3af
Maximum Power Consumption	• Under 13 W
Enclosure	• Metal • IP67 certified chassis
Temperature	• Operating: -40 to 60 °C • Storage: -40 to 70 °C
Humidity	• Operating: 10% to 90% non-condensing • Storage: 5% to 95% non-condensing
MTBF	• 1,305,297 hours
Certifications	• CE • EN55032, EN55024, EN61000-3-2, EN61000-3-3, EN60601-1-2 (Medical electrical equipment), EN301489-1, EN301489-17, EN300328, EN301893 • FCC • IC • cUL+UL (UL/CSA 62368-1 + UL 60950-22) • LVD (IEC/EN 62368-1) • CB (IEC/EN 60950-1 + 62368-1) • RCM • NCC • BSMI (CNS 14336-1) • IP67

Radio Patterns: DWL-8720AP

2.4 GHz Antenna Wall/Pole Mounted

Orientation	H-Plane	E-Plane

5 GHz Antenna Wall/Pole Mounted

Orientation	H-Plane	E-Plane
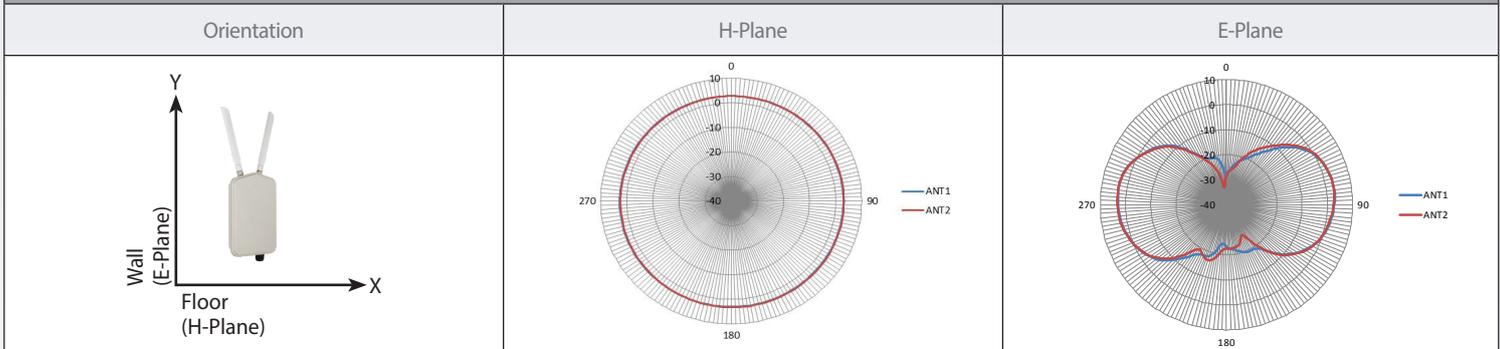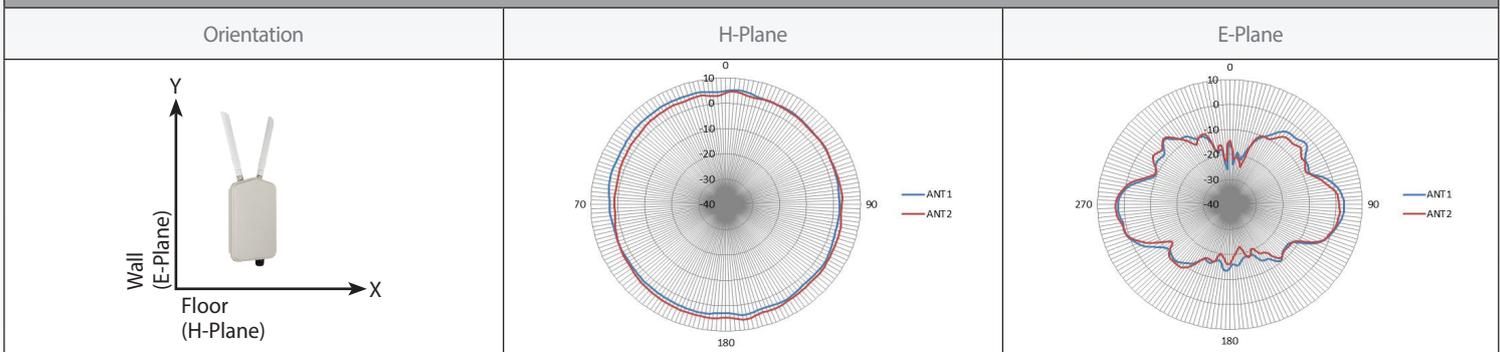
1   This feature is available when Unified AP is used in conjunction with D-Link's line of Unified Wireless Controllers.
2   Maximum wireless signal rate derived from IEEE standard 802.11n and 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range.

For more information: www.dlink.com

D-Link®