

## Product Highlights

### Enjoy High-performance Wireless Connectivity

Harness the power of Wireless AC, enjoying combined wireless speeds of up to 1200 Mbps<sup>1</sup>, perfect for high-demand business applications

### Rugged Construction

IP68-compliant and designed to operate in harsh outdoor environments and temperatures ranging from -30 up to 60°C

### Scalable, Flexible, Centralised AP Management

Centrally manage up to 1000 APs with Nuclias Connect, complete with a multi-tenant structure that provides multi-layer management authority



## DAP-3662

# Wireless AC1200 Dual-Band Outdoor PoE Access Point

## Features

### High-performance Connectivity

- IEEE 802.11ac wireless<sup>1</sup>
- Up to 1200 Mbps<sup>1</sup> combined wireless speeds
- Two Gigabit LAN ports

### Made for Outdoor Environments

- IP68 water and dust-proof housing
- Weather resistant for temperatures between -30 and 60°C
- Gore-Tex® Technology repels liquid water while allowing for heat and humidity dissipation

### 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

- D-Link Nuclias Connect support for centralised and additional configuration options
- Supports 802.3af Power over Ethernet
- Wall and pole mounting hardware included

The DAP-3662 Wireless AC1200 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 hotspot networks. Ideal for deployment in locations such as manufacturing plants, industrial automation, convention halls, stadium facilities, airports, school campuses, golf courses, marinas or virtually any venue requiring a robust wireless solution. The DAP-3662 delivers maximum combined wireless signal rates of up to 1200 Mbps<sup>1</sup>. To maximise total return on investment, the DAP-3662 can be configured to optimise network performance based on any one of its multiple operation modes.

For centralise network management, administrators can use D-Link's free Nuclias Connect software or Nuclias Connect Hub (DNH-100)<sup>3</sup> to configure and manage multiple access points. In addition to streamlining the management process, Nuclias Connect provides network administrators with the means to verify and conduct regular maintenance checks remotely, eliminating the need to send personnel out to physically verify proper operation.



## D-Link Assist

Next Business Day Service

### Complimentary Next Business Day Service, as Standard

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](http://eu.dlink.com/services)



Nuclias Connect is network management software that enables you to manage the network locally for dedicated privacy and security. It can be used either as an on-premises software management platform, or as a cloud solution hosted on a public cloud service.

Install the software on a local server on-site and manage up to 1,000 access points (APs), or optionally use the dedicated Nuclias Connect Hub<sup>3</sup> which can manage up to 100 APs.

### Flexibility to Meet Your Needs

Through software-based monitoring and remote management of all wireless APs on your network, Nuclias Connect offers tremendous flexibility compared to traditional hardware-based management systems. Configuration can be done remotely. Management software is customisable, and enables control and analytics of a broad or fine granularity, presentable in a variety of formats. Additionally, admins can provide and manage a variety of distributed deployments, including the option to configure settings and admin accounts in a specific manner for each deployment. Nuclias Connect gives you the financial and technical flexibility to expand from a small network to a larger one (up to 1,000 APs), while retaining a robust and centralised management system.












### Insights at a Glance

Gain an extensive understanding of your network through usage analytics and status reports which can be viewed at a glance. Insights derived from traffic data can create business value. Traffic can be viewed across the entire network, to the level of a single AP.

### Network Security & Data Privacy

Nuclias Connect balances the need for access convenience with the need for security. All communications over the system are encrypted, with your user data never leaving your possession. Additional security measures (such as firewalls) can also be added to your network, without undue technical difficulty.

### Key Features

-  Free-to-Download Management Software
-  License-Free Centralised Management
-  Backwards-Compatibility
-  Intuitive Interface
-  Inexpensive Hardware Controller
-  Traffic Reporting & Analytics
-  Remote Config. & Batch Config.
-  Multi-Tenant & Role-Based Administration
-  Searchable Event Log and Change Log
-  Authentication via Customisable Captive Portal, 802.1x and RADIUS Server, POP3, LDAP, AD
-  Multilingual Support
-  Payment Gateway (Paypal) Integration and Front-Desk Ticket Management

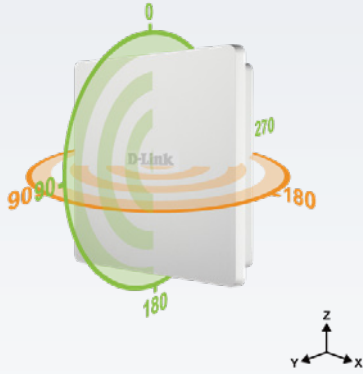


Technical Specifications		
<b>General</b>		
Device Interfaces	<ul style="list-style-type: none"> <li>• 802.11a/b/g/n/ac wireless<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• 2 Gigabit LAN Port (LAN1 supports PoE)</li> </ul>
LEDs	<ul style="list-style-type: none"> <li>• Power</li> </ul>	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.11a/b/g/n/ac<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• IEEE 802.3u/ab/af</li> </ul>
Wireless Frequency Range	<ul style="list-style-type: none"> <li>• 2.4 GHz band: 2.4 GHz to 2.4835 GHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5 GHz band: 5.15 to 5.35 GHz, 5.47 to 5.85 GHz<sup>2</sup></li> </ul>
Antennas	<ul style="list-style-type: none"> <li>• Two internal 6 dBi for 2.4 GHz</li> </ul>	<ul style="list-style-type: none"> <li>• Two internal 6 dBi for 5 GHz</li> </ul>
Maximum Output Power	<ul style="list-style-type: none"> <li>• 26 dbm for 2.4GHz</li> </ul>	<ul style="list-style-type: none"> <li>• 26 dbm for 5GHz</li> </ul>
<b>Functionality</b>		
Security	<ul style="list-style-type: none"> <li>• WPA-Personal</li> <li>• WPA-Enterprise</li> <li>• WPA2-Personal</li> <li>• WPA2-Enterprise</li> <li>• WEP 64/128-bit encryption</li> </ul>	<ul style="list-style-type: none"> <li>• SSID broadcast disable</li> <li>• MAC address access control</li> <li>• Network Access Protection (NAP)</li> <li>• Internal RADIUS server</li> </ul>
Network Management	<ul style="list-style-type: none"> <li>• Telnet</li> <li>• Secure Telnet (SSH)</li> <li>• HTTP</li> <li>• Secure HTTP (HTTPS)</li> </ul>	<ul style="list-style-type: none"> <li>• Traffic control</li> <li>• SNMP</li> <li>• Nuclias Connect Software</li> <li>• Nuclias Connect Hub<sup>3</sup></li> </ul>
<b>Physical</b>		
Dimensions	<ul style="list-style-type: none"> <li>• 277 x 240 x 50 mm (10.91 x 9.45 x 1.97 inches)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 981 grams (2.16 lbs) with antennas</li> </ul>	
Operating Voltage	<ul style="list-style-type: none"> <li>• 48 V DC +/- 10%, or 802.3af PoE</li> </ul>	
Maximum Power Consumption	<ul style="list-style-type: none"> <li>• 12.5 Watts</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>• Operating: -30 to 60 °C (-22 to 140 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -30 to 65 °C (-22 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• FCC</li> <li>• IC</li> <li>• CE</li> <li>• C-Tick</li> </ul>	<ul style="list-style-type: none"> <li>• UL</li> <li>• Wi-Fi® Certified</li> <li>• IP68</li> </ul>

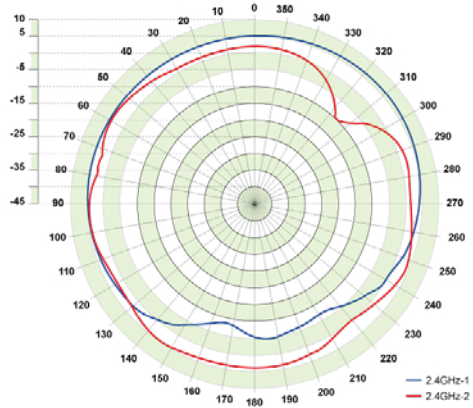
### Antenna Pattern

Orientation

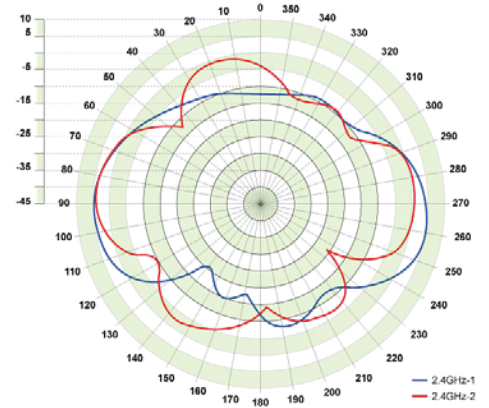
2.4 GHz Wall Mounted



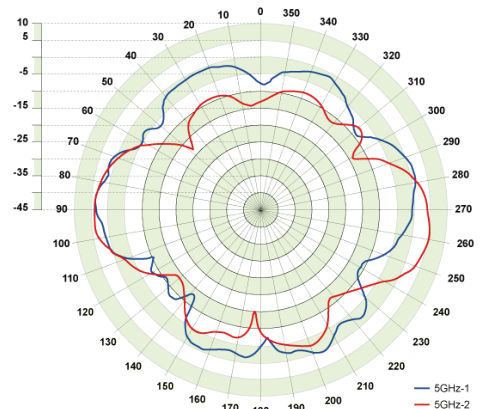
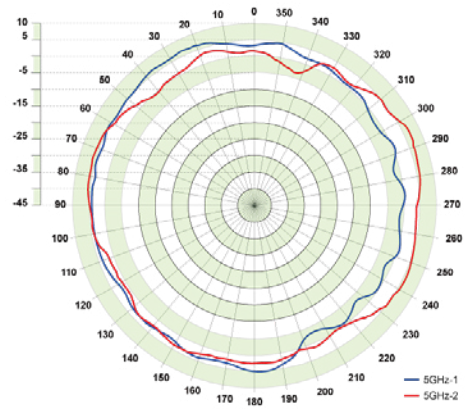
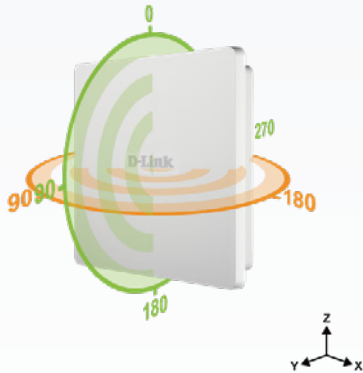
H-Plane



E-Plane



5 GHz Wall Mounted



# DAP-3662 Wireless AC1200 Dual-Band Outdoor PoE Access Point

## Nuclias Connect Network Management Features

WLAN Management		
Maximum APs per Installation <sup>6</sup>	• 1,000 (large scale installations)	• 100 (small scale installations)
WLAN Management Features	<ul style="list-style-type: none"> <li>• AP grouping</li> <li>• Multi-tenancy</li> <li>• Visualised topology</li> <li>• NAT pass-through</li> </ul>	<ul style="list-style-type: none"> <li>• Setup wizard</li> <li>• AP discovery (layer 2 and layer 3)</li> <li>• Report system</li> </ul>
User Authentication		
Guest Portal	• Captive portal	
Authentication Method	<ul style="list-style-type: none"> <li>• Local</li> <li>• POP3</li> <li>• RADIUS</li> </ul>	<ul style="list-style-type: none"> <li>• LDAP</li> <li>• Voucher</li> </ul>
Hotspot Features	<ul style="list-style-type: none"> <li>• Built-in support for voucher-based authentication</li> <li>• Built-in hotspot manager for voucher creation and guest management</li> </ul>	• Rate limiting and bandwidth control for guest and hotspot portal
Wireless Features		
RF Management and Control	<ul style="list-style-type: none"> <li>• Auto Output Power Control</li> <li>• Auto Channel</li> </ul>	• Self-healing around failed APs
Multiple SSIDs per Radio(AP)	• 8	
Advanced Wireless Features	<ul style="list-style-type: none"> <li>• Band steering</li> <li>• L2 roaming</li> </ul>	<ul style="list-style-type: none"> <li>• Bandwidth optimisation</li> <li>• Airtime fairness</li> </ul>
System Management		
Management Interface	• Web-based user interface (HTTPS)	
Minimum System Requirements	• Computer running Microsoft Windows 10 or server 2016 (64 bit)	
Scheduling	• Firmware update	• Configuration update
Supported Devices		
Indoor Wireless N Access Points	• DAP-2230 (Single-Band N300, F/W ver. 2.0)	• DAP-2310 (Single-Band N300, F/W ver. 2.0)
Indoor Wireless AC Access Points	<ul style="list-style-type: none"> <li>• DAP-2360 (Single-Band N300, F/W ver. 2.0)</li> <li>• DAP-2610 (Dual-Band Wave 2 AC1300, F/W ver. 2.0)</li> <li>• DAP-2660 (Dual-Band AC1200, F/W ver. 2.0)</li> </ul>	<ul style="list-style-type: none"> <li>• DAP-2662 (Dual-Band Wave 2 AC1200, WiFi4EU-ready)</li> <li>• DAP-2680 (Dual-Band AC1200, F/W ver. 2.0)</li> <li>• DAP-2695 (Dual-Band AC1750, F/W ver. 2.0)</li> </ul>
Outdoor Access Points	<ul style="list-style-type: none"> <li>• DAP-3315 (Single-Band N300, F/W ver. 2.0)</li> <li>• DAP-3362 (Dual-Band AC1200, F/W ver. 2.0)</li> </ul>	• DAP-3666 (Dual-Band Wave 2 AC1200, WiFi4EU-ready)

<sup>1</sup> Maximum wireless signal rate derived from IEEE standard 802.11 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.

<sup>2</sup> Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-3662 may not support the 5.25-5.35 GHz and 5.47-5.725 GHz frequency ranges in certain regions. Compatibility with 802.11ac devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

<sup>3</sup> Available Q4, 2019.

<sup>4</sup> Number of wireless access points supported depends on the specification of the computer on which DNC is installed. To support 1000 APs, a computer with at least an Intel Core i7 with 16 GB RAM and 4 TB hard drive, and 20 Mbps uplink bandwidth is recommended. To support 100 APs, a computer with at least an Intel Core i5 3.2GHz with 8 GB RAM and 2 TB hard drive, and 10 Mbps uplink bandwidth is recommended.



For more information: [www.dlink.com](http://www.dlink.com)

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