Product Highlights

In-Wall Design

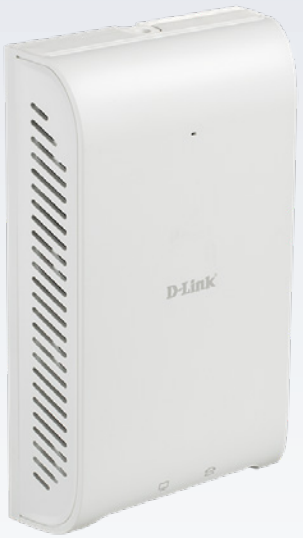
Discreet, low-profile design that converts an Ethernet wall socket into a high-performance Wi-Fi Hotspot

Enjoy High-performance Wireless Connectivity

Harness the power of 802.11ac Wave 2 technology with MU-MIMO and experience wireless speeds of up to 1200 Mbps[1]

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-2620

Wireless AC1200 Wave 2 In-Wall PoE Access Point

Features

In-Wall Design

- Converts an Ethernet wall socket into a high-speed dual-band AC Wave 2 Wi-Fi access point

High-Performance Connectivity

- IEEE 802.11ac Wave 2 wireless, Up to 1200 Mbps[1]
- MU-MIMO with beamforming
- Gigabit LAN port
- Multiple operation modes supporting Access Point, Wireless Distribution System (WDS), WDS with AP, Wireless Client

Centralised Management

- Compatible with Nuclias Connect for centralised network management

Trusted Security Features

- WPA/WPA2 Personal/Enterprise encryption
- MAC-based access filtering and WLAN partitioning
- Captive Portal with industry-standard authentication
- Built-in RADIUS server and VLAN support

Convenient Installation

- Supports 802.3af Power over Ethernet
- Wall-plate design for installation on Ethernet wall sockets
- Phone line port for voice communication
- Compatible with US and EU power outlets

The DAP-2620 Wireless AC1200 Wave 2 In-Wall PoE Access Point converts any Ethernet wall socket into a high-speed dual-band 802.11ac Wave 2 Wi-Fi access point. It is ideal for hotels, hospitals and student accommodations, to provide complete in-room Wi-Fi coverage. Utilising the cutting-edge speed of 802.11ac Wave 2, it delivers maximum combined wireless signal rates of up to 1200Mbps and supports MU-MIMO technology that allows multiple devices to get high-bandwidth Wi-Fi signal at the same time, distributing data more efficiently.

For centralise network management, administrators can use D-Link's free Nuclias Connect software or Nuclias Connect Hub (DNH-100)[4] 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-LinkAssist
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**

DAP-2620 Wireless AC1200 Wave 2 In-Wall PoE Access Point

nuclias connect

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[4] 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.

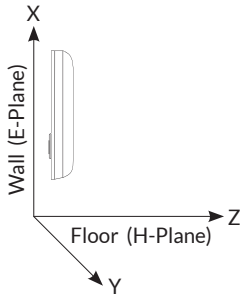
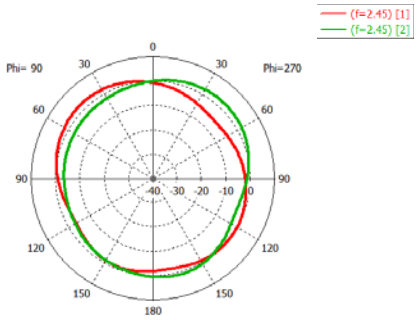
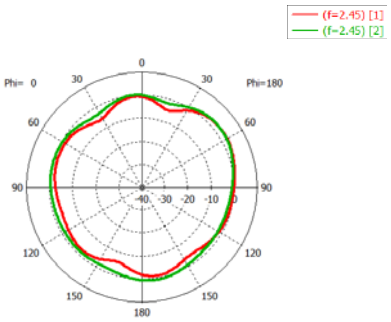
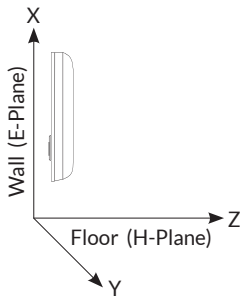
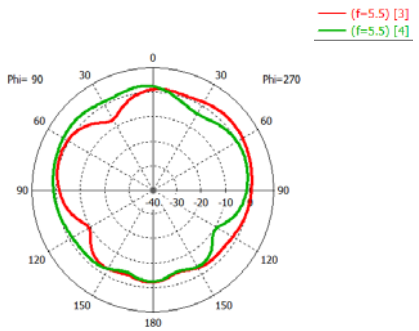
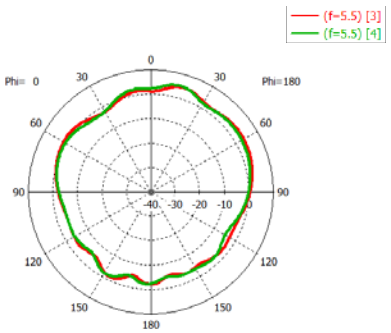
Key Features

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

DAP-2620 Wireless AC1200 Wave 2 In-Wall PoE Access Point

Technical Specifications		
General		
Device Interfaces	1 x IEEE 802.11a/b/g/n/ac Wave 2 wireless	1 x Gigabit LAN (supports PoE) 1 x RJ11 phone line port
Standards	IEEE 802.11a/b/g/n/ac IEEE 802.3u/ab	IEEE 802.3az Energy-Efficient Ethernet (EEE) IEEE 802.3af Power over Ethernet
Antennas	2 x internal dual-band 2 dBi omni antennas	
Operating Frequency[3]	2.4 GHz band: 2.4 to 2.4835 GHz	5 GHz band: 5.15 to 5.85 GHz
Maximum Output Power	2.4 GHz band: 20 dBm	5 GHz band: 20 dBm
Data Signal Rate[1]	2.4 GHz band: Up to 300 Mbps	5 GHz band: Up to 867 Mbps
Functionality		
Security	WPA-Personal WPA-Enterprise WPA2-Personal WPA2-Enterprise	WEP 64/128-bit encryption SSID broadcast disable MAC address access control Internal RADIUS server
Network Management	D-Link Nuclias Connect Telnet Secure Telnet (SSH)	Web (HTTP) Secure Socket Layer (SSL) Traffic control
LEDs	Power/status	
Physical		
Dimensions	153.3 x 94.65 x 35.8 mm	
Weight	212 g without mounting base	250.9 g with mounting base
Power Supply	External power adapter: 12 V/1 A	IEEE 802.3af PoE
Maximum Power Consumption	8 W	
Temperature	Operating: 0 to 40 °C	Storage: -20 to 65 °C
Humidity	Operating: 10% to 90% non-condensing	Storage: 5% to 95% non-condensing
Meantime Between Failure (MTBF)	> 30,000 hours	
Certifications	FCC	CE[4]

Antenna Patterns

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

DAP-2620 Wireless AC1200 Wave 2 In-Wall PoE Access Point

Nuclias Connect Network Management Features		
WLAN Management		
Maximum APs per Installation[5]	• 1,000 (large scale installations)	• 100 (small scale installaions)
WLAN Management Features	• AP grouping • Multi-tenancy • Visualized topology • NAT pass-through	• Setup wizard • AP discovery (layer 2 and layer 3) • Report system
User Authentication		
Guest Portal	• Captive portal	
Authentication Method	• Local • POP3 • RADIUS	• LDAP • Voucher
Hotspot Features	• Built-in support for voucher-based authentication • Built-in hotspot manager for voucher creation and guest management	• Rate limiting and bandwidth control for guest and hotspot portal
Wireless Features		
RF Management and Control	• Auto Output Power Control • Auto Channel	• Self-healing around failed APs
Multiple SSIDs per Radio(AP)	• 8	
Advanced Wireless Features	• Band steering • L2 roaming	• Bandwidth optimisation • Airtime fairness
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	• DAP-2360 (Single-Band N300, F/W ver. 2.0) • DAP-2610 (Dual-Band Wave 2 AC1300, F/W ver. 2.0) • DAP-2620 (Dual-Band Wave 2 AC1200, in-wall design) • DAP-2660 (Dual-Band AC1200, F/W ver. 2.0)	• DAP-2662 (Dual-Band Wave 2 AC1200, WiFi4EU-ready) • DAP-2680 (Dual-Band AC1200, F/W ver. 2.0) • DAP-2695 (Dual-Band AC1750, F/W ver. 2.0)
Outdoor Access Points	• DAP-3315 (Single-Band N300, F/W ver. 2.0) • DAP-3362 (Dual-Band AC1200, F/W ver. 2.0)	• DAP-3666 (Dual-Band Wave 2 AC1200, WiFi4EU-ready)

[1] 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.
[2] This unit is designed for indoor environments, you might violate local regulatory requirements by deploying this unit in outdoor environments.
[3] Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-2620 may not support the 5.25-5.35 GHz and 5.47-5.725 GHz frequency ranges in certain regions. This product is based on draft IEEE 802.11ac specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11ac specifications. 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.
[4] Available Q2, 2020.
[5] 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 bandwith 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 bandwith is recommended.

For more information: www.dlink.com

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