Nuclias Connect AC1200 Wave 2 Wall-Plated Access Point

The DAP-2622 Nuclias Connect AC1200 Wave 2 Wall-Plated Access Point converts any Ethernet wall socket into a high-speed AC Wave 2 Wi-Fi access point, delivering simultaneous dual-band 2x2 MIMO technology to small, medium, and enterprise networks.

DAP-2622

- New generation IEEE 802.11ac Wave 2 wireless with high-speed 1200 Mbps throughput
- Powerful management, monitoring, and troubleshooting functionality with Nuclias Connect
- Flexible access through web (HTTP), SSL, SSH and Telnet
- Three LAN ports offer expansive backhaul to your wired network, eliminating bottlenecks at the AP
- Support for Power over Ethernet 802.3at means less wires, for cleaner and easier deployment
- Stay secure with WPA2/WPA™ Personal & Enterprise wireless encryption
- Supports multiple AP modes for performance optimization based on your network's needs
- MAC address filtering and WLAN partitioning ensure ultimate control of your network
- Captive portal with industry-standard authentication for enhanced access management
- Wall-plate design for installation on Ethernet wall sockets
- Compatible with both US and EU power outlets
- Features a PoE Out port for powering PoE-capable devices and connecting them to the network[1]

Nuclias Connect

Free-to-Download Management Software	
License-Free Access Points	
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 Customizable Captive Portal, 802.1x and RADIUS Server, POP3, LDAP, AD	
Multilingual Support	
Payment Gateway (Paypal) Integration and Front-Desk Ticket Management	

General

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Device Interfaces	1 x 10/100/1000 Mbps Gigabit PoE Uplink Port, 1 x 10/100/1000 Mbps Gigabit PoE Out Downlink Port, 1 x 10/100/1000 Mbps Gigabit Ethernet Downlink Port
LEDs	Power/Status
Antennas	2 x internal
Data Signal Rate	Up to 1200 Mbps

Functionality

Standards	IEEE 802.11a/b/g/n/ac, IEEE 802.3u/ab, IEEE 802.3az Energy-Efficient Ethernet (EEE), IEEE 802.3at Power over Ethernet
Operating Frequency	2.4 to 2.4835 GHz, 5.15 to 5.35 GHz
Maximum Output Power(EIRP)	2.4 GHz band: 20 dBm, 5 GHz band: 20 dBm
Security Protocol	WPA2/WPA™ Personal/Enterprise, WEP 64/128-bit, SSID broadcast disable, MAC address access control, internal RADIUS server

Software

Network Management	Telnet, Secure Telnet (SSH), Web (HTTP), Secure Socket Layer (SSL), Traffic control, D-Link Nuclias Connect

Physical

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Power Supply	IEEE 802.3at PoE
Max. Power Consumption	9.5 W, 21.5 W (including PoE output)
MTBF	> 30,000 hours
Operating Temperature	0 ˚C to 40 ˚C (32 ˚F to 104 ˚F)
Storage Temperature	-20 ˚C to 65 ˚C (-4 ˚F to 149 ˚F)
Operating Humidity	10% to 90%
Storage Humidity	5% to 95%
Weight	212 g (0.47 lb) without mounting base, 250.9 g (0.49 lb) with mounting base
Dimensions	154.1 x 95 x 27.4 mm (6 x 3.7 x 1 in)
Certifications	CE, FCC

Power/Status

LAN (PoE Out) Port | LAN Port | Reset Button

LAN (PoE) Port
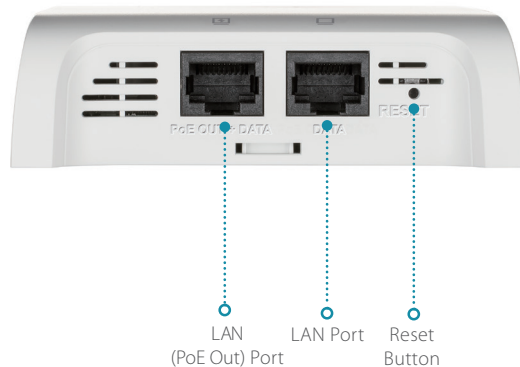
Orientation	H-Plane	E-Plane

2.4 GHz Wall Mounted
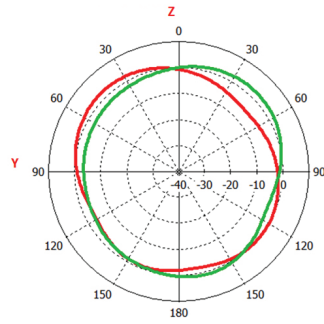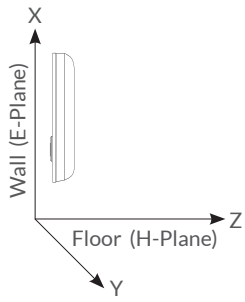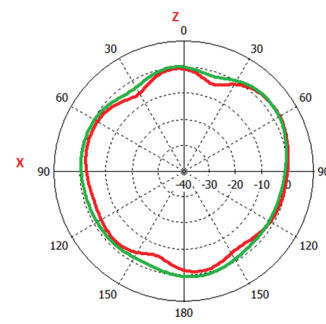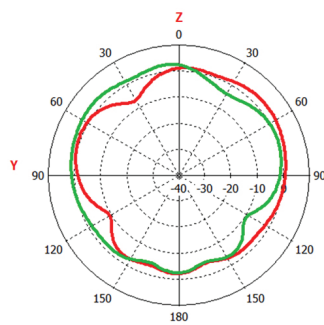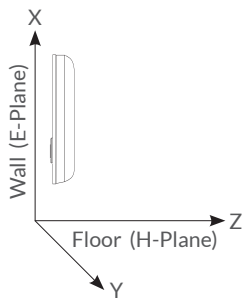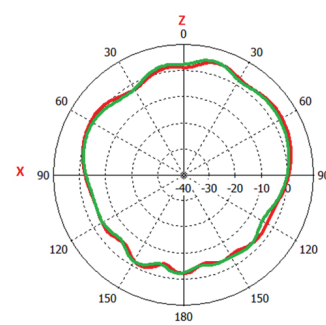
5 GHz Wall Mounted

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¹ The DAP-2622's PoE Out port supports a maximum of 12 W.

D-Link®