

# Nuclias Connect AX3600 Access Point

The Wi-Fi 6-ready DAP-X2850 is on hand to provide unbeatable speeds, greatly increased capacity and interference-free coverage, paired with easy management by Nuclias Connect.

## DAP-X2850

- Easy to manage with D-Link's free centralized management software-based solution, Nuclias Connect
- Wi-Fi 6 delivers greater network efficiency and lower latency, with nearly four times the capacity of previous Wi-Fi standards
- MU-MIMO slices through congestion, reducing wait time for all users
- Superior throughput with dual-band Wi-Fi offers high transfer speeds
- Coverage is shared more efficiently over more users with Airtime Fairness
- Band Steering intelligently manages users, pushing them onto the higher radio frequency when possible
- Two LAN ports (2.5G and 1G) offer expansive backhaul to your wired network, eliminating bottlenecks at the AP
- Support for Power of Ethernet 802.3at means less wires, for cleaner and easier deployment
- Stay secure with the latest WPA3™ Personal & Enterprise wireless encryption
- Supports multiple AP modes to ensure performance optimization based on your network's needs
- MAC Address Filtering and WLAN Partitioning ensure ultimate control of your network's access
- Captive Portal with industry-standard authentication for enhanced access management
- Works as a standalone AP or as part of a centralized, scalable multi-device deployment



Free-to-Download Management Software



Inexpensive Hardware Controller



Searchable Event Log and Change Log



License-Free Access Points



Traffic Reporting & Analytics



Authentication via Customizable 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

## General

Device Interfaces	1 x RJ45 console port, 1 x 2.5 Gbps Ethernet LAN (PoE), 1 x 10/100/1000 Mbps Ethernet LAN, factory reset, power input
LEDs	Power/Status
Antennas	4 x internal
Antenna Gain	3.5 dBi (2.4 GHz), 5.5 dBi (5 GHz)
Maximum Output Power	28 dBm (2.4 GHz), 25.5 dBm (5 GHz)
Data Signal Rate	Up to 3600 Mbps

## Functionality

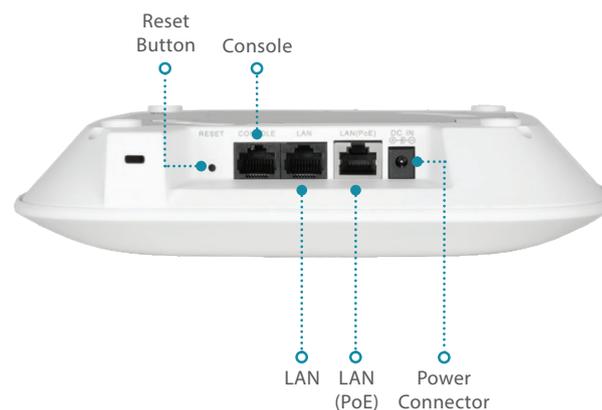
Standards	IEEE 802.11a/b/g/n/ac/ax, IEEE 802.3u/ab, IEEE 802.3az Energy-Efficient Ethernet (EEE), IEEE 802.3at PoE
Operating Frequency	2.4 - 2.483 GHz, 5.15 - 5.35 GHz, 5.47 - 5.85 GHz
Security Protocol	WPA/WPA2/WPA3™ Personal/Enterprise, WEP 64/128-bit, SSID broadcast disable, MAC address access control, internal RADIUS server

## Software

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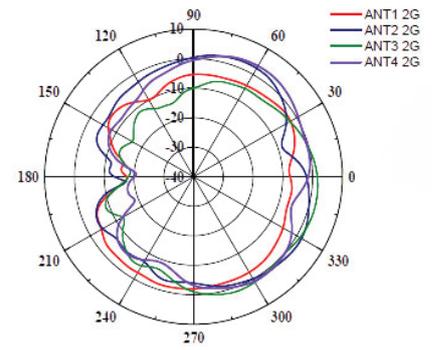
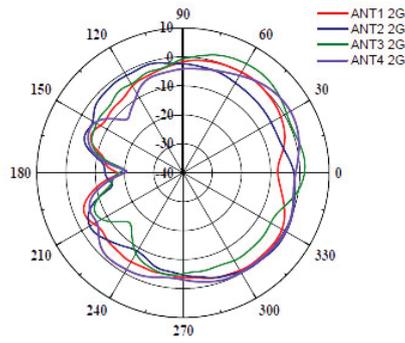
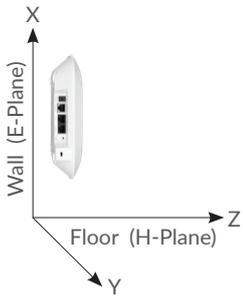
## Physical

Power Supply	12 V / 2.5 A (optional power adapter), IEEE 802.3at PoE
Max. Power Consumption	19.44 W
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	763.8 g (1.7 lb)
Dimensions	212.4 x 212.4 x 46.7 mm (8.36 x 8.36 x 1.8 in)
Certifications	CE, FCC

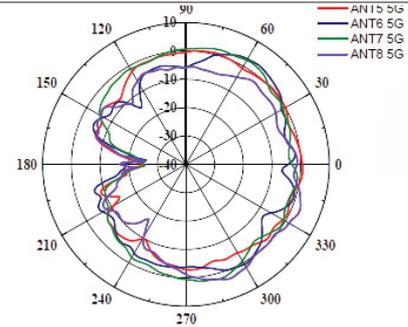
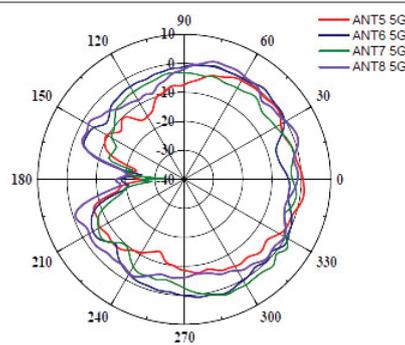
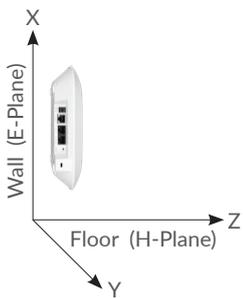


**Orientation**                      **H-Plane**                      **E-Plane**

2.4 GHz Wall Mounted

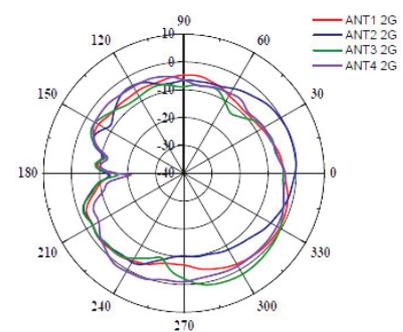
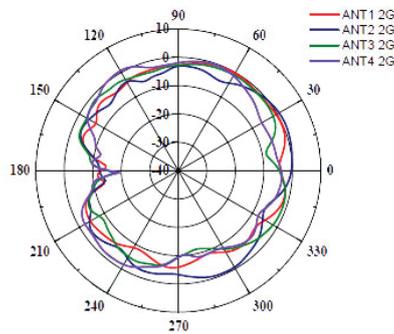
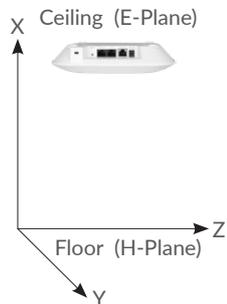


5 GHz Wall Mounted

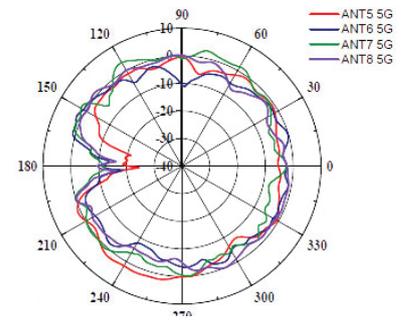
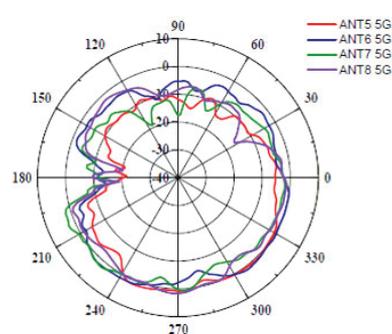
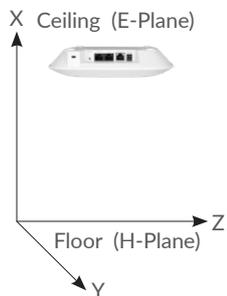


**Orientation**                      **H-Plane**                      **E-Plane**

2.4 GHz Ceiling Mounted



5 GHz Ceiling Mounted



**Order Information**

DAP-X2850

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