

# 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

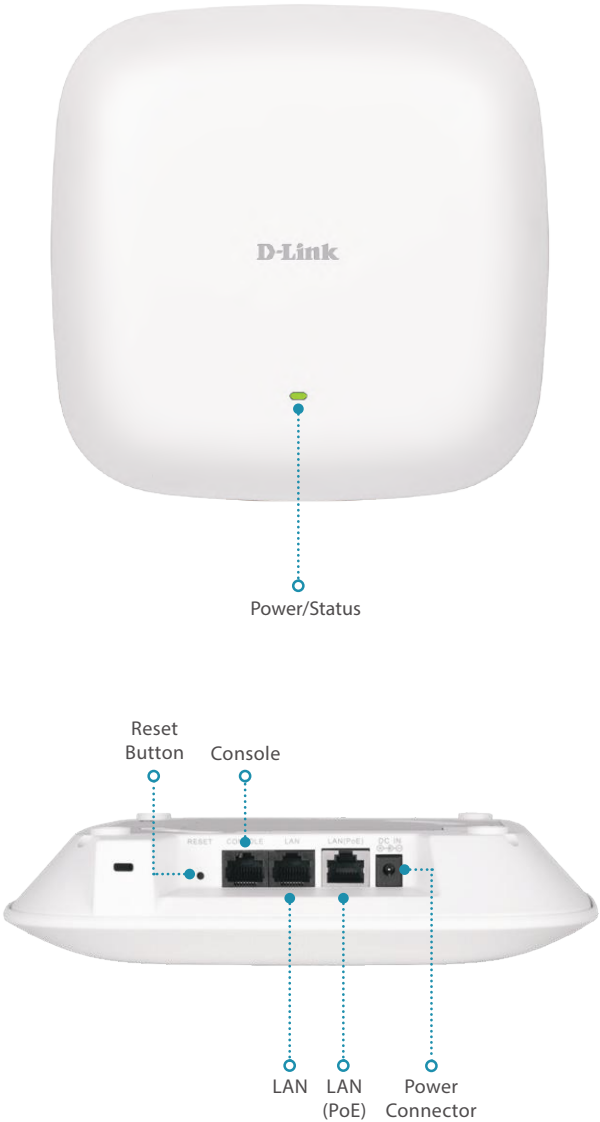
|                     |                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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 |

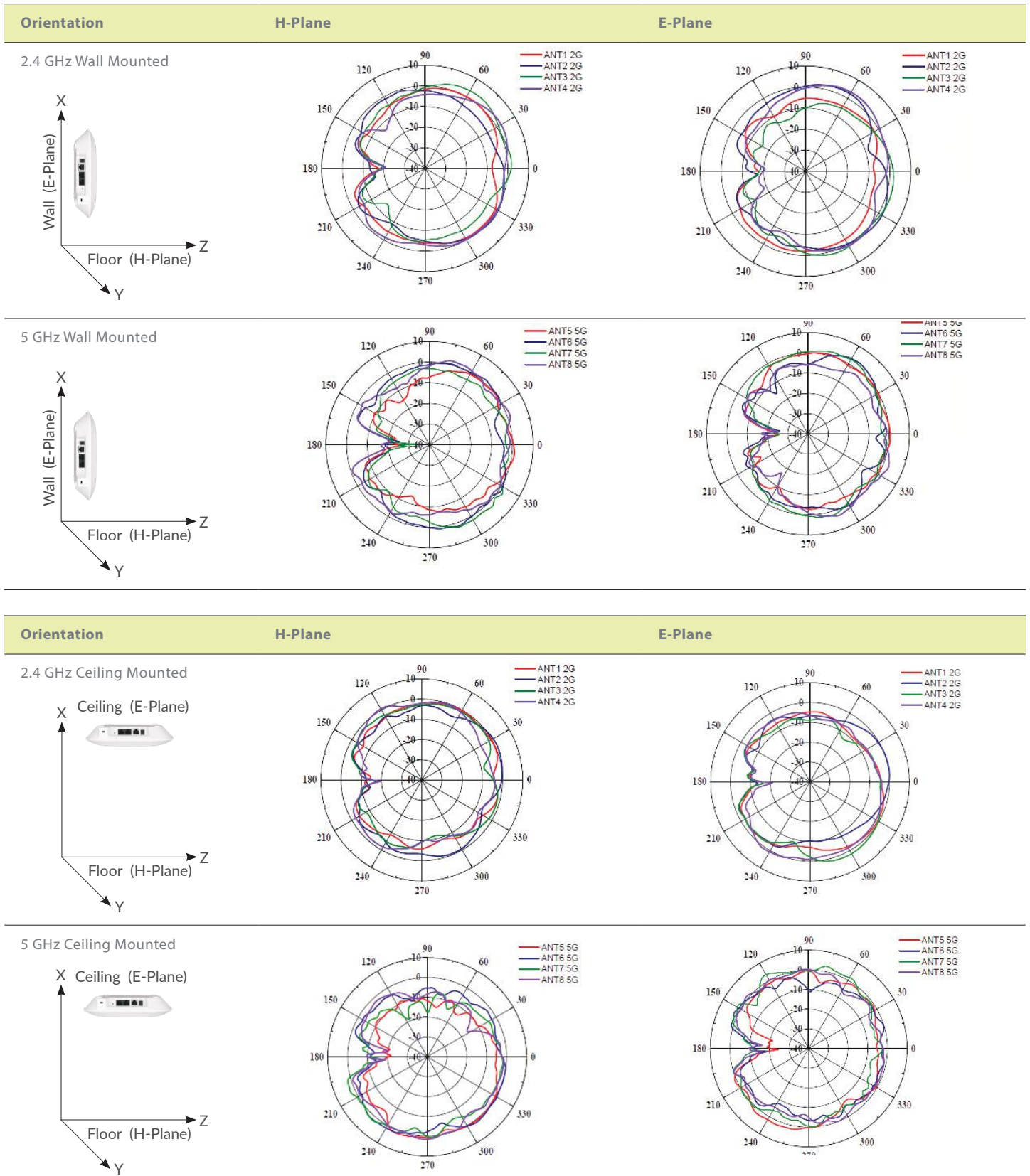
Software

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

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                                                 |





## Order Information

DAP-X2850

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