

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

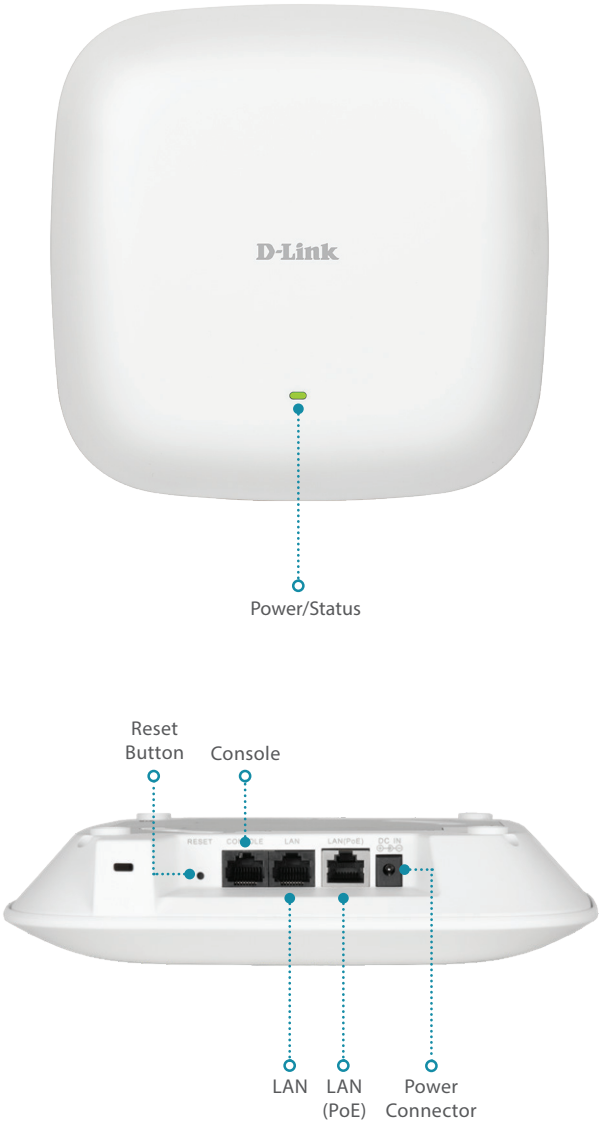
Standards	IEEE 802.11a/b/g/n/ac/ax, IEEE 802.3u/ab, IEEE 802.3az Energy-Efficient Ethernet (EEE), IEEE 802.3at PoE
Operating Frequency	2.4 - 2.483 GHz, 5.15 - 5.35 GHz, 5.47 - 5.85 GHz
Security Protocol	WPA/WPA2/WPA3™ Personal/Enterprise, WEP 64/128-bit, SSID broadcast disable, MAC address access control,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

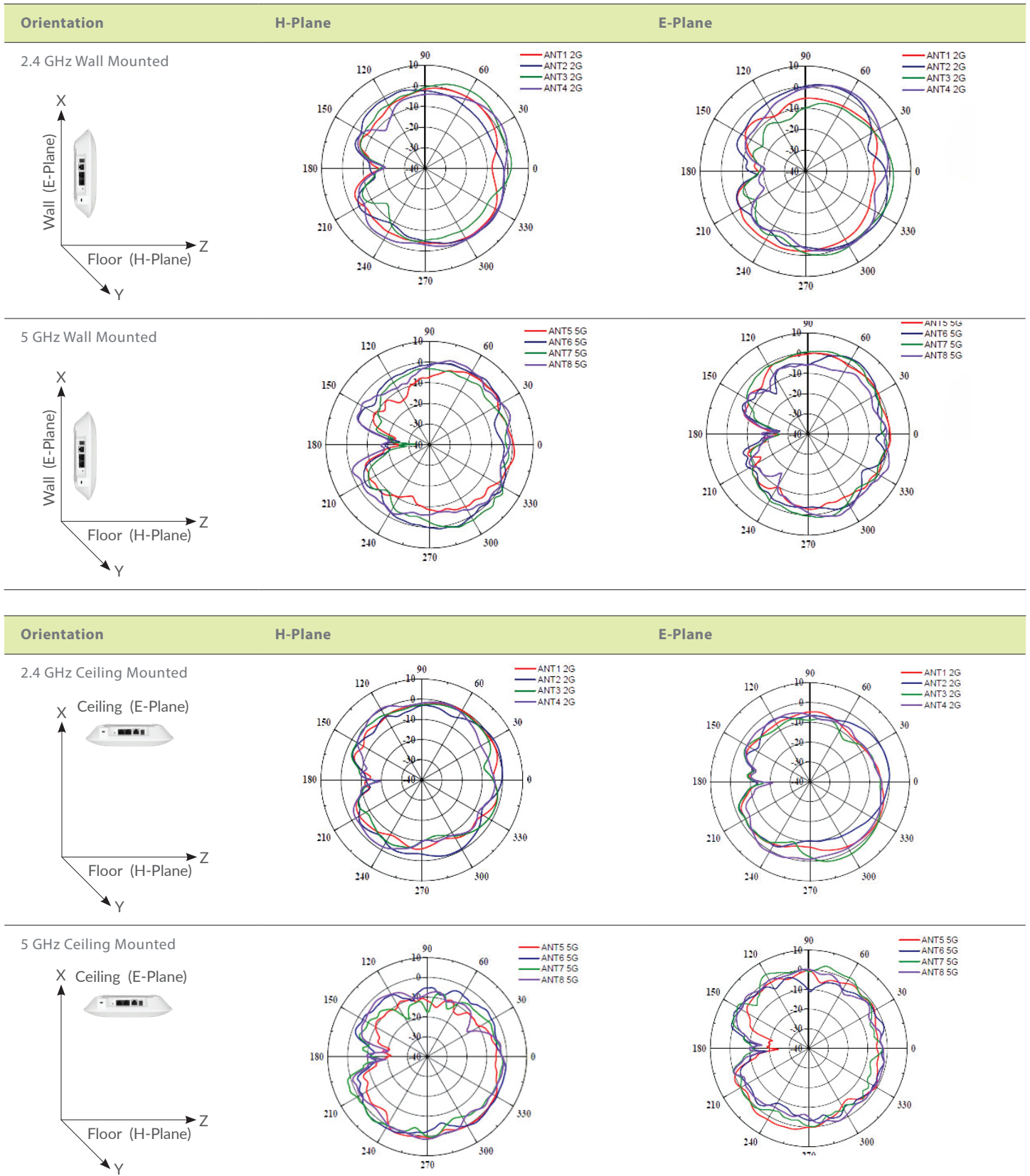
Software

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





Order Information

DAP-X2850

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