D-Link

nuclias connect

Nuclias Connect AX3000 Outdoor Access Point

The DAP-X3060OU delivers high performance Wi-Fi 6 speeds, enhanced capacity, interference-free coverage, and simple management via Nuclias Connect

DAP-X3060OU

- IP68 water and dust-proof housing for outdoor environments
- Weather resistant from temperatures between -30°C and 60°C
- Breathable pores to repel liquid water while allowing for heat and humidity dissipation
- Easy to manage with D-Link's 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
- Band steering intelligently manages users, pushing them onto the higher radio frequency when possible
- One PoE 2.5-Gigabit LAN port offers expansive backhaul to your wired network, eliminating bottlenecks at the AP
- Support for PoE 802.3at means less wires, for cleaner and easier deployment
- One RJ45 console port for debugging
- Stay secure with the latest WPA3™ Personal & Enterprise wireless encryption
- Supports multiple AP modes to ensure performance optimization based on your network's needs (AP/WDS with AP/WDS)
- 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



Nuclias Connect

- Free-to-Download Management Software
- Inexpensive Hardware Controllers
- 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

Technical Specifications

General	
Device Interfaces	1 x RJ45 console port, 1 x 10/100/1000/2500 Ethernet (PoE) LAN port, factory reset button
LED	Power/Status
Antennas	4 x internal antennas
Antenna Gain	5 dBi (2.4 GHz), 7.3 dBi (5 GHz)
Maximum Output Power	23 dBm (2.4 GHz), 22 dBm (5 GHz)
Data Signal Rate[1]	Up to 574 Mbps for 2.4 GHz and up to 2402 Mbps for 5 GHz
Mounting Options	Wall-mounting kit and pole-mounting kit
Functionality	
Standards[1]	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]	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	Web (HTTP), Secure Socket Layer (SSL), traffic control, D-Link Nuclias Connect, D-View 8
Physical	
Power Supply	External power adapter: 54 V DC +/10% IEEE 802.3at PoE
Max. Power Consumption	16.7 W
MTBF	> 30,000 hours
Operating Temperature[3]	-30 to 60 °C (-22 to 140 °F)
Storage Temperature	-30 to 65 °C (-22 to 149 °F)
Operating Humidity	10% to 90%
Storage Humidity	5% to 95%
Weight	612.4 g (1.35 lb)
Dimensions	277 x 240 x 50 mm (10.91 x 9.45 x 1.97 in)
Certifications[4]	CE, FCC, IEC 60601-1-2, UL, IP68

Order Information

DAP-X3060OU	Nuclias Connect AX3000 Outdoor Access Point

[1] Maximum wireless signal rate derived from IEEE standard 802.11 and 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials, construction, and network overhead may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

[2] Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-X3060OU may not support the 5.25 - 5.35 GHz and 5.47 - 5.725 GHz frequency ranges in certain regions.

[3] The operating temperature testing was conducted through two separate sessions. First session was to run a throughput test at 25°C and raise the temperature to 60 °C for 48 hours of continuous testing without any disconnection, and the second session was to run a throughput test at 25°C and lower the temperature to -30 °C for 48 hours of continuous testing without any disconnection.

[4] For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz, 5.150 - 5.250 GHz, 5.250 - 5.350 GHz, and 5.470 - 5.750 GHz.

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