

Product Highlights

D-Link Nuclias Cloud Management

Extensive range of management functions can be performed hassle-free from anywhere through the D-Link Nuclias cloud

Business-Class 802.11ac Connectivity

Increase your network capacity with lightning-fast dual-band 802.11ac wireless, smart load balancing, and PoE-ready Gigabit Ethernet

Zero-Touch Deployment

Cloud-based auto-configuration allows for swift plug-and-play installation and eliminates the need for on-site setup



DBA-1510P

Business Cloud Access Point

Features

D-Link Nuclias Cloud Management

- Centralized cloud-based management
- Zero-touch provisioning
- Unlimited scalability with no limitation on the number of supported APs
- Intuitive web and app-based interface

High Performance and Connectivity

- IEEE 802.11ac wireless
- 3 x 3 MIMO with three spatial streams
- Up to 1.75 Gbps² throughput
- Gigabit PoE Ethernet LAN port

Enterprise Class Networking

- Supports up to 16 virtual access points
- Supports band steering
- Supports load balancing
- Force roaming
- Scheduled wireless connectivity
- Integrated DHCP server

Convenient Installation

- Slim form factor easily blends into any office environment
- Supports IEEE 802.3at Power over Ethernet (PoE)
- Ceiling/wall-mountable

The DBA-1510P Business Cloud Access Point is a best-in-class indoor access point designed specifically for enterprise environments. With next-generation 802.11ac dual-band concurrent 2.4 GHz and 5 GHz radios, the DBA-1510P offers high combined data rates to wireless clients allowing for lightning-fast access to bandwidth-intensive applications such as data, voice, and video streaming.

The DBA-1510P is meant to be deployed as a pre-managed, zero-configuration access point controlled through the D-Link Nuclias cloud¹. This allows network administrators to focus more on providing reliable connectivity and services and spend less time managing devices.

Centralized Management With D-Link Nuclias

Designed to be managed through the D-Link Nuclias cloud¹, the DBA-1510P is easily set up with the help of the intuitive D-Link Nuclias browser-based or mobile app interface. Centralized cloud-based management enables zero-touch provisioning, allowing for plug-and-connect deployment without the need for additional configuration. The DBA-1510P connects to the D-Link Nuclias cloud to automatically retrieve its configuration settings, enabling deployment at remote locations without an on-site network administrator. With D-Link Nuclias, businesses can now more effectively organize their entire wireless network, manage multiple APs simultaneously, and monitor live network statistics.

Fast And Efficient Wireless Performance

The DBA-1510P delivers reliable, high-speed wireless AC performance with maximum wireless signal rates of up to 1.75 Gbps². Load-balancing optimization effectively eliminates the need for the dedicated hardware and RF expertise typically required to tune a wireless network. The D-Link Nuclias cloud tunes the DBA-1510P's channel selection, transmit power, and maximum client connections for optimal performance under the most challenging RF conditions.

Enterprise-Ready Security

To help maintain a secure wireless network, the DBA-1510P supports both Personal and Enterprise versions of WPA and WPA2 (802.11i), with support for a back-end RADIUS server. The DBA-1510P also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disabling, and wireless broadcast scheduling to further help protect the wireless network. The DBA-1510P includes support for up to 8 virtual access points (VAPs) on each wireless band to further help segment users on the network using multiple SSIDs. In addition, the DBA-1510P features wireless client isolation, which allows administrators to limit direct client-to-client communication.

Versatile Deployment

The DBA-1510P allows network administrators to deploy a highly manageable and extremely robust wireless network with optimal wireless coverage. For additional deployment flexibility, the DBA-1510P can be mounted on a ceiling, wall, or placed on a desktop to meet any wireless demands. For advanced installations, the DBA-1510P has integrated 802.3at Power over Ethernet (PoE) support, allowing the device to be installed in areas where power outlets are not readily available.

Technical Specifications

General

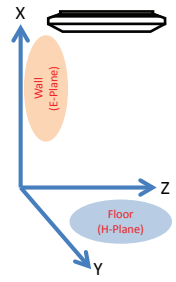
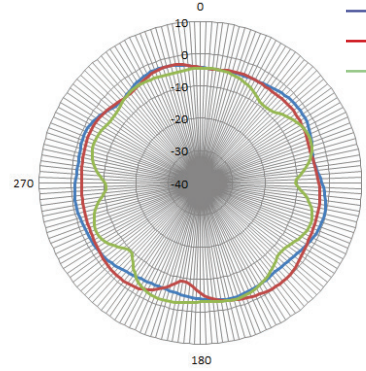
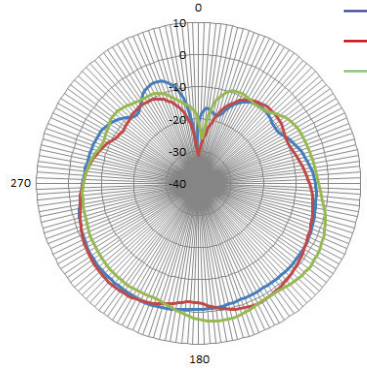
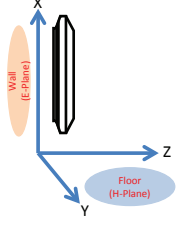
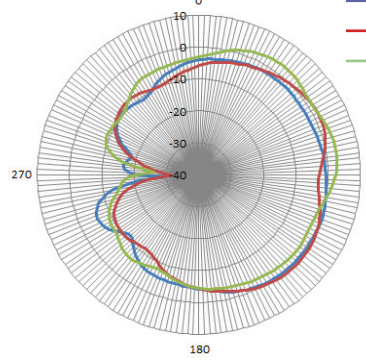
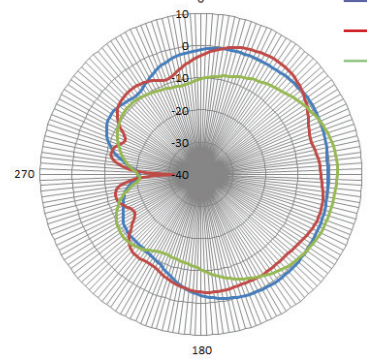
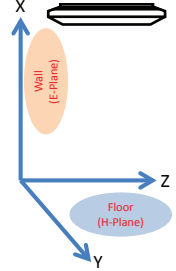
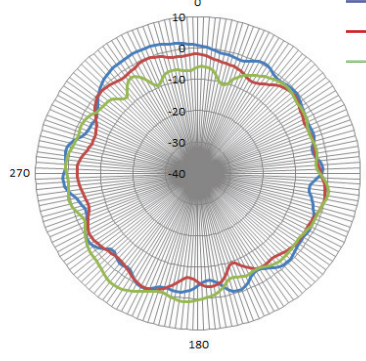
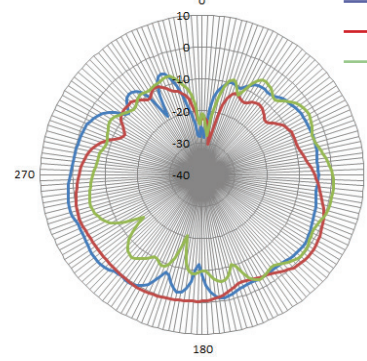
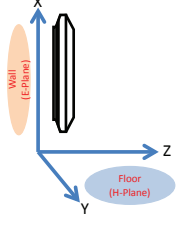
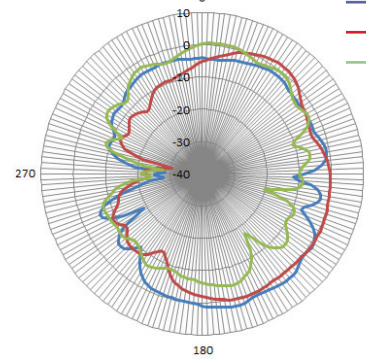
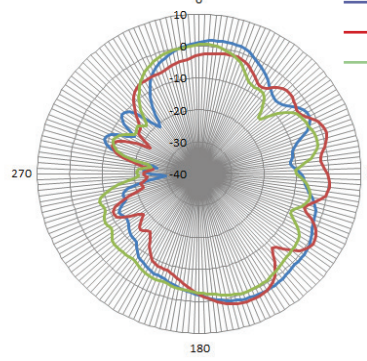
Interfaces	<ul style="list-style-type: none"> • IEEE 802.11a/b/g/n/ac wireless • 1 x 10/100/1000 Mbps Ethernet PoE port 	<ul style="list-style-type: none"> • 1 x 10/100/1000 Mbps serial console port
Standards	<ul style="list-style-type: none"> • IEEE 802.11a/b/n/g/ac • IEEE 802.3az Energy-Efficient Ethernet (EEE) • IEEE 802.3at Power over Ethernet (PoE) 	<ul style="list-style-type: none"> • IEEE 802.3i/u/ab • IEEE 802.3x Flow Control
LEDs	<ul style="list-style-type: none"> • Power • LAN • Cloud 	<ul style="list-style-type: none"> • 2.4 GHz • 5 GHz
Antenna	<ul style="list-style-type: none"> • Built-in 3 x 3 MIMO antenna 	
Maximum Power Output	<ul style="list-style-type: none"> • 2.4 GHz: 15 dBm 	<ul style="list-style-type: none"> • 5 GHz: 15 dBm
Data Signal Rate	<ul style="list-style-type: none"> • 2.4 GHz: Up to 450 Mbps² 	<ul style="list-style-type: none"> • 5 GHz: Up to 1300 Mbps²

Functionality

Security	<ul style="list-style-type: none"> • WPA2-Personal/Enterprise • WPA-Personal/Enterprise • IEEE 802.1X port-based network access control • MAC address filtering 	<ul style="list-style-type: none"> • Station isolation • SSID isolation • Guest isolation • Captive portal
Maximum SSIDs	<ul style="list-style-type: none"> • Supports up to 16 SSIDs per device • Up to 8 SSIDs per wireless band 	

Physical

Dimensions	<ul style="list-style-type: none"> • 220 x 220 x 35 mm (8.66 x 8.66 x 1.38 in) 	
Weight	<ul style="list-style-type: none"> • Without mount: 852 g (1.88 lbs) 	<ul style="list-style-type: none"> • With mount: 934 g (2.06 lbs)
Power Input	<ul style="list-style-type: none"> • IEEE 802.3at Power over Ethernet (PoE) 	<ul style="list-style-type: none"> • Power adapter: 100 to 240 V AC, 50/60 Hz
Power Consumption	<ul style="list-style-type: none"> • PoE: 12.9 W 	<ul style="list-style-type: none"> • Power adapter: 12.3 W
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -30 to 70 °C (-22 to 158 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 10% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Mean Time Between Failure (MTBF)	<ul style="list-style-type: none"> • > 30,000 hours 	
Mounting Options	<ul style="list-style-type: none"> • Ceiling mount • Wall mount 	<ul style="list-style-type: none"> • Desktop (horizontal)
Hardware Security	<ul style="list-style-type: none"> • Kensington lock slot 	<ul style="list-style-type: none"> • Security screw

<p>Certifications</p>	<ul style="list-style-type: none"> • VCCI Class B • FCC • CE • RoHS 	<ul style="list-style-type: none"> • TELEC • REACH • WEEE
<p>Order Information</p>		
<p>Orientation</p>	<p>H-Plane</p>	<p>E-Plane</p>
<p>2.4 GHz Ceiling Mounted</p> 		
<p>2.4 GHz Wall Mounted</p> 		
<p>5 GHz Ceiling Mounted</p> 		
<p>5 GHz Wall Mounted</p> 		

DBA-1510P Business Cloud Access Point

Order Information	
<i>Part Number</i>	<i>Description</i>
DBA-1510P	Business Cloud Access Point

¹ Active D-Link Nuclias account and valid device license required.

² Maximum wireless signal rate derived from IEEE Standard 802.11g, and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

Updated 2018/04/18