

## Product Highlights

### Power over Ethernet

Support for 802.3af allows the access point to be installed in locations without access to power outlets, reducing installation costs and maximising flexibility

### Versatile Management

Self-configuring cluster mode simplifies deployment of multiple access points, and Radio Frequency resource management improves signal coverage

### Flexible Deployment

Choice over more universal 2.4 GHz band or the less congested 5 GHz wireless depending on your networks environment



## DWL-3610AP

# Wireless Selectable Dual-Band Unified Access Point

## Features

### Ideal for Business

- Self-configuring cluster feature
- Up to 16 virtual access points may be created from a single access point
- Flexible QoS with Wi-Fi Multimedia (WMM)
- IEEE 802.3af Power over Ethernet (PoE)

### High-Performance Connectivity

- One Gigabit Ethernet LAN port
- Airtime fairness

### Trusted Wireless Security Feature

- WPA/WPA2 Personal
- WPA/WPA2 Enterprise
- MAC address filtering
- Rogue AP detection

The DWL-3610AP Wireless Selectable Dual-Band Unified Access Point is designed for small to medium businesses and enterprises, providing unparalleled bandwidth and flexibility for medium to large scale Wi-Fi networks. With selectable dual-band support, DWL-3610AP allows you choose the most suitable band for your network.

## Centrally Managed

When working in conjunction with D-Link Wireless Controllers and Unified Switches, the DWL-3610AP can be centrally managed. This allows for a large number of APs to be deployed and managed easily and efficiently. Once the APs are discovered by the controller, the administrator can push configurations to them as a group, instead of doing so individually. Additionally, Radio Frequency (RF) resource management allows wireless coverage to be managed centrally, proving the best coverage possible for wireless clients.

## Self-Configuring Cluster

For small businesses that need to deploy multiple APs but lack the resources for complex network management, the DWL-3610AP self-configuring cluster allows a small number of DWL-3610AP access points to be set to form a self-configuring cluster. Once the administrator configures one access point, the same configuration can then be applied to all remaining APs, making setting up your wireless business network a breeze.

## Greater Reach and Flexibility

The internal omnidirectional antenna extends its reach, eliminating dead spots and filling hard-to-reach places. A selectable radio mode allows the DWL-3610AP to work on either the 2.4 GHz band or the 5 GHz band<sup>2</sup>. Airtime fairness ensures that equal airtime is given to each client, providing increased performance even if slower devices are connected.

## Wireless Selectable Dual-Band Unified Access Point

### Automatic RF Management

When access points are deployed in close proximity to each other, there may be interference between channels if RF management is not implemented. When a DWL-3610AP senses a neighbour nearby, it will automatically select a non-interfering channel. This greatly reduces RF interference and will allow the administrator to deploy APs more densely. To further minimise interference, when a nearby AP is on the same channel, the DWL-3610AP will automatically lower its transmission power<sup>1</sup>. When, for whatever reason, the nearby AP is no longer present, the DWL-3610AP will increase its transmission power to expand coverage.

### Quality of Service

The DWL-3610AP supports 802.1p Quality of Service (QoS) for enhanced throughput and better performance of time-sensitive traffic like VoIP and streaming DSCP. The DWL-3610AP supports Wi-Fi Multimedia (WMM), so in the event of network congestion, time-sensitive traffic can be given priority ahead of other traffic. Furthermore, when a number of DWL-3610AP units are in close proximity to each other, an access point will refuse new association requests once its resources are fully utilised, allowing the association request to be picked up by a neighbouring unit, distributing the load over multiple APs.



If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

#### **D-Link Assist Gold - for comprehensive 24-hour support**

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

#### **D-Link Assist Silver - for prompt same-day assistance**

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

#### **D-Link Assist Bronze - for guaranteed response on the next business day**

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

**Wireless Selectable Dual-Band  
Unified Access Point**

**Technical Specifications**

**General**

Interfaces	<ul style="list-style-type: none"> <li>• 802.11b/g/n 2.4 GHz wireless</li> <li>• 802.11a/n 5 GHz wireless</li> </ul>	<ul style="list-style-type: none"> <li>• 10/100/1000BASE-T LAN (PoE) port</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• Internal omnidirectional antennas</li> </ul>	<ul style="list-style-type: none"> <li>• 3 dBi for 5 GHz, 3 dBi for 2.4 GHz</li> </ul>

**Functionality**

Operating Frequency	<ul style="list-style-type: none"> <li>• 2400 to 2483.5 MHz</li> </ul>	<ul style="list-style-type: none"> <li>• 5150 to 5850 MHz</li> </ul>
Operating Channels	<ul style="list-style-type: none"> <li>• 1 to 13 channels for 2.4 GHz band (per country code)</li> </ul>	<ul style="list-style-type: none"> <li>• 36 to 165 channels for 5 GHz band (per country code)</li> </ul>
System Management	<ul style="list-style-type: none"> <li>• Web-based user interface (HTTP/HTTPS)</li> <li>• Serial console (RJ-45)</li> </ul>	<ul style="list-style-type: none"> <li>• SNMP (v1/v2c/v3)</li> <li>• Telnet/SSH</li> </ul>

**Security**

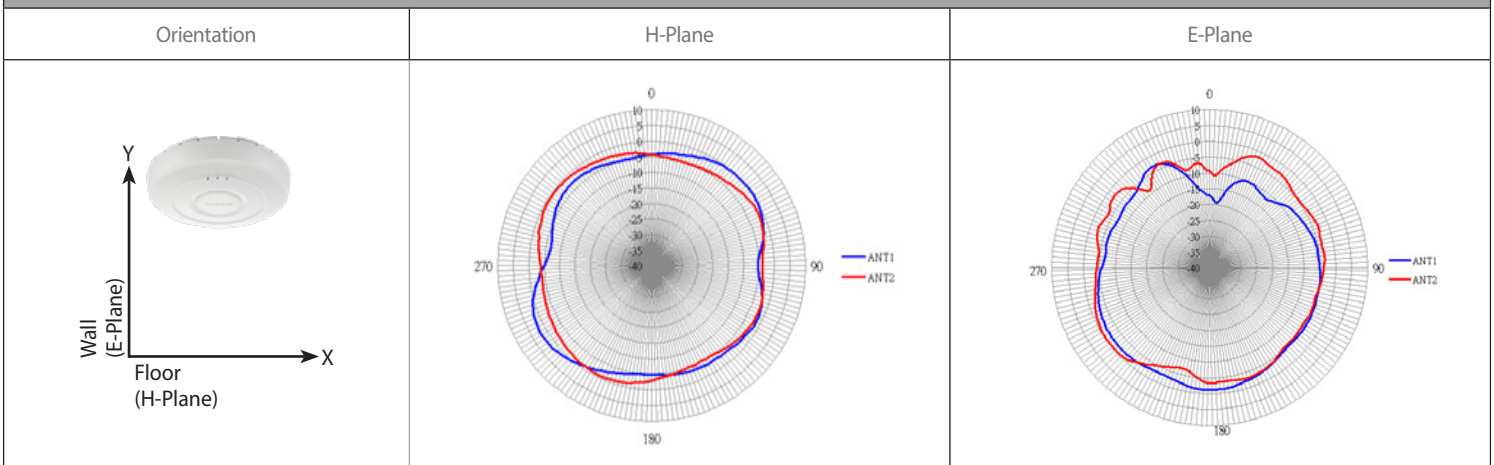
SSID Security	<ul style="list-style-type: none"> <li>• Up to 16 SSIDs</li> <li>• 802.1Q VLAN</li> </ul>	<ul style="list-style-type: none"> <li>• Station Isolation</li> </ul>
Wireless Security	<ul style="list-style-type: none"> <li>• WPA Personal/Enterprise</li> </ul>	<ul style="list-style-type: none"> <li>• AES and TKIP</li> </ul>
Detection & Prevention	<ul style="list-style-type: none"> <li>• Rogue and valid AP classification</li> </ul>	
Authentication	<ul style="list-style-type: none"> <li>• MAC address filtering</li> </ul>	

**Physical**

Dimensions	<ul style="list-style-type: none"> <li>• 160 x 160 x 45 mm (6.30 x 6.3 x 1.77 in.)</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 0.26 kg (0.57 lbs)</li> </ul>	
Power Supply	<ul style="list-style-type: none"> <li>• 12 V/1 A external power adapter</li> </ul>	<ul style="list-style-type: none"> <li>• 802.3af PoE</li> </ul>
Max Power Consumption	<ul style="list-style-type: none"> <li>• 6.2 watts</li> </ul>	
Enclosure	<ul style="list-style-type: none"> <li>• Bottom cover – plastic</li> </ul>	<ul style="list-style-type: none"> <li>• Top cover – plastic</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10% to 90% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> <li>• IC</li> <li>• cUL+UL</li> </ul>	<ul style="list-style-type: none"> <li>• LVD</li> <li>• RCM</li> <li>• NCC</li> <li>• BSM</li> </ul>

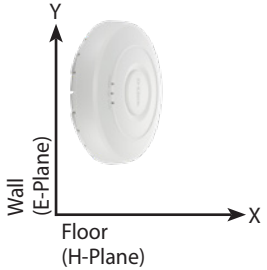
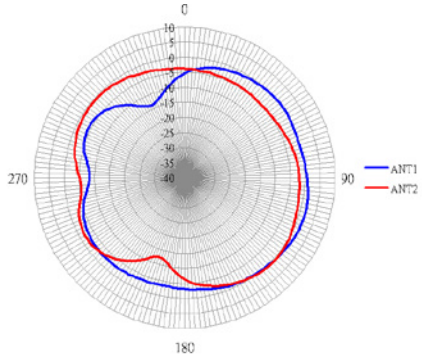
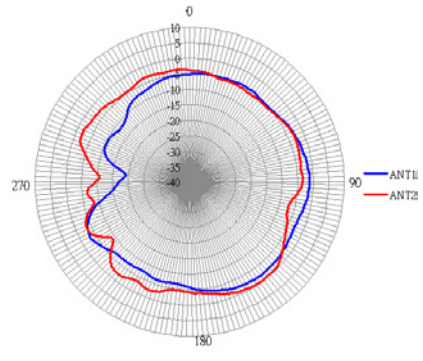
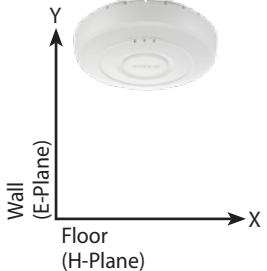
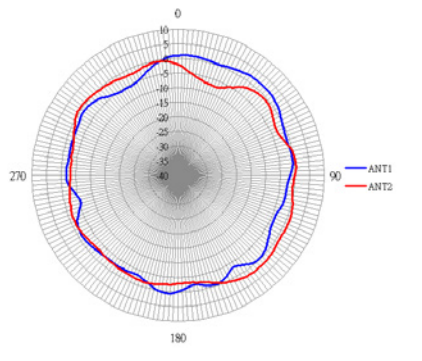
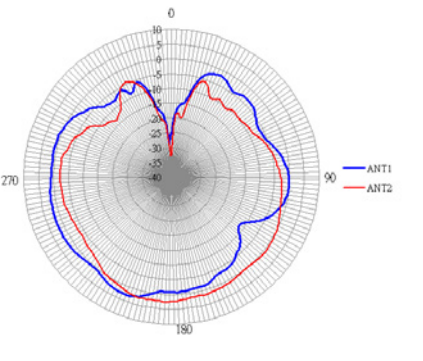
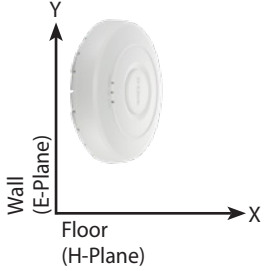
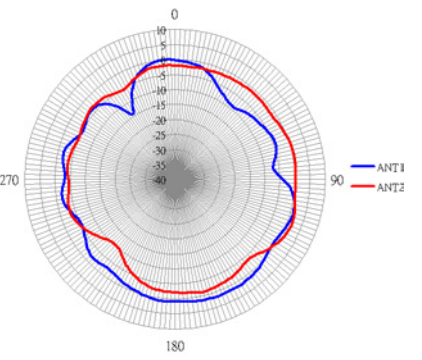
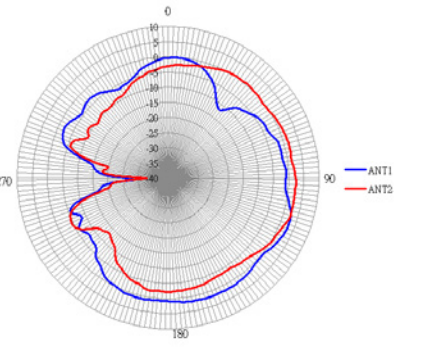
**Radio Patterns**

**2.4 GHz Antenna Ceiling Mounted**



# DWL-3610AP

## Wireless AC1200 Selectable Dual-Band Unified Access Point

2.4 GHz Antenna Wall Mounted		
Orientation	H-Plane	E-Plane
 <p>Y ↑ Wall (E-Plane) X → Floor (H-Plane)</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>
5 GHz Antenna Ceiling Mounted		
Orientation	H-Plane	E-Plane
 <p>Y ↑ Wall (E-Plane) X → Floor (H-Plane)</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>
5 GHz Antenna Wall Mounted		
Orientation	H-Plane	E-Plane
 <p>Y ↑ Wall (E-Plane) X → Floor (H-Plane)</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>	 <p>0 10 5 0 -5 -10 -15 -20 -25 -30 -35 -40 270 90 180 ANT1 ANT2</p>

<sup>1</sup> This feature is available when Unified AP is used in conjunction with D-Link's line of Unified Wireless Switches/controllers.

<sup>2</sup> Maximum wireless signal rate derived from IEEE standard 802.11 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 may adversely affect wireless signal range.



For more information: [www.dlink.com](http://www.dlink.com)

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Updated December 2017

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