The DAP-2660 Wireless AC1200 Simultaneous Dual-Band PoE Access Point is designed to support small to medium business or enterprise environments by providing network administrators with secure and manageable dual-band wireless LAN options, and utilising the cutting-edge speed of Wireless AC.

**Super-fast Wireless AC Performance**

The DAP-2660 delivers reliable, high-speed wireless performance using the latest 802.11ac standards with maximum wireless signal rates of up to 300 Mbps over the 2.4 GHz band, and 867 Mbps over the 5 GHz band. With band steering, the DAP-2660 detects whether or not the wireless client is dual-band capable and if it is, it will push the client to connect to the less congested 5 GHz 802.11ac/n network. It does this by actively blocking the client's attempts to associate with the 2.4 GHz network. Band steering can ensure clients on the 5 GHz band can achieve their maximum performance without being bottle-necked by legacy 2.4 GHz 802.11b/g/n clients. This way, you can make the most of Wireless AC technology and at the same time ensure backwards compatibility with existing legacy equipment.

This, coupled with support for the Wi-Fi Multimedia (WMM) Quality of Service (QoS) feature, makes it an ideal access point for audio, video, and voice applications. Additionally, the DAP-2660 supports load balancing to ensure maximum performance by limiting the maximum number of users per access point.

**Versatile Access Point Functionality**

The DAP-2660 allows network administrators to deploy a highly manageable and extremely robust simultaneous dual-band wireless network. The DAP-2660 can provide optimal wireless coverage over either the 2.4 GHz (802.11b, 802.11g, and 802.11n) or the 5 GHz (802.11a, 802.11n, and 802.11ac) band. The DAP-2660 can be ceiling-mounted, wall-mounted, or placed on a desktop to meet any wireless demands. For advanced installations, the DAP-2660 has integrated 802.3af Power over Ethernet (PoE) support, allowing this device to be installed in areas where power outlets are not readily available.
Security

To help maintain a secure wireless network, the DAP-2660 supports both Personal and Enterprise versions of WPA and WPA2. With support for RADIUS server backend and a built-in internal RADIUS server allowing users to create their accounts within the device itself. This access point also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disable, rogue AP detection, and wireless broadcast scheduling to further protect your wireless network. The DAP-2660 includes support for up to eight VLANs per band for implementing multiple SSIDs to further help segment users on the network. It also includes a wireless client isolation mechanism, which limits direct client-to-client communication. Additionally, the DAP-2660 supports Network Access Protection (NAP), a feature of Windows Server 2008, allowing network administrators to define multiple levels of network access based on individual client’s needs.

Multiple Operation Modes

To maximise total return on investment, the DAP-2660 can be configured to optimise network performance based on any one of its multiple operation modes: access point, wireless distribution system (WDS) with access point, WDS/bridge (no AP broadcasting), and wireless client. With WDS support, network administrators can set up multiple DAP-2660s throughout a facility and configure them to bridge with one another while also providing network access to individual clients. The DAP-2660 also features advanced features such as load balancing and redundancy, for fail-safe wireless connectivity.

Network Management

Network administrators have multiple options for managing the DAP-2660, including web (HTTP), Secure Socket Layer (SSL), which provides for a secure connection to the Internet, Secure Shell (SSH), which provides for a secure channel between local and remote computers, and Telnet. For advanced network management, administrators can use D-Link’s Central Wi-FiManager to configure and manage multiple access points. In addition to streamlining the management process, Central Wi-FiManager provides network administrators with the means to verify and conduct regular maintenance checks remotely, eliminating the need to send personnel out to physically verify proper operation.

The DAP-2660 has a wireless scheduler feature, which turns off wireless functionality when it isn’t needed, saving power. With simultaneous dual-band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-2660 provides small to medium business and enterprise environments with a business-class solution for deploying a wireless network.
Free Central WiFiManager Software

Manage up to 500 APs from a single location, complete with a multi-tenant structure that provides multi-layer management authority. Allows you to be in control of your wireless network from anywhere in the world through the Internet by using a web browser on your PC, smartphone or tablet. Enterprise-level features such as bandwidth optimisation, captive portal and RF optimisation help satisfy the needs of the modern business environment.

Web-based management
• Software controller that can be installed on a Microsoft Windows computer and accessed through any device with a web browser such as a smartphone, tablet or computer

Multi-site management
• Multiple distributed sites can be managed from a central location
• The multi-tenant architecture provides multi-layer management authority

NAT pass-through
• Controllers can manage wireless access points in remote locations even if they are behind a NAT device (router or firewall)

Captive portal and access control
• Supports local DB, external RADIUS, LDAP, POP3 and Wi-Fi passcode authentication
• Supports user access control

Auto radio frequency (RF) management
• Supports automatic channel and output power optimisation

Bandwidth optimisation
• Optimises wireless bandwidth

For more information visit www.dlink.com/CentralWiFiManager
Download the free software by registering at www.dlink.com/WiFiDownload
## Technical Specifications

### General

<table>
<thead>
<tr>
<th>Device Interfaces</th>
<th>802.11a/b/g/n/ac wireless</th>
<th>1 Gigabit LAN port (supports PoE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEDs</td>
<td>Power</td>
<td></td>
</tr>
<tr>
<td>Standards</td>
<td>IEEE 802.11a/b/g/n/ac</td>
<td>IEEE 802.3u/ab/af</td>
</tr>
<tr>
<td>Wireless Frequency Range</td>
<td>2.4 GHz band: 2.4 GHz to 2.4835 GHz</td>
<td>5 GHz band: 5.15 to 5.35 GHz, 5.47 to 5.85 GHz</td>
</tr>
<tr>
<td>Antennas</td>
<td>Two internal 3 dBi for 2.4 GHz</td>
<td>Two internal 4 dBi for 5 GHz</td>
</tr>
<tr>
<td>Maximum Output Power</td>
<td>26 dbm for 2.4GHz</td>
<td>26 dbm for 5GHz</td>
</tr>
</tbody>
</table>

### Functionality

#### Security

- WPA-Personal
- WPA-Enterprise
- WPA2-Personal
- WPA2-Enterprise
- WEP 64/128-bit encryption
- SSID broadcast disable
- MAC address access control
- Network Access Protection (NAP)
- Internal RADIUS server

#### Network Management

- Telnet
- Secure Telnet (SSH)
- HTTP
- Secure HTTP (HTTPS)
- Traffic control
- Central WiFiManager
- SNMP
- AP Array

### Physical

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>170 x 170 x 28 mm (6.69 x 6.69 x 1.1 inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>316 grams</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>12 V DC +/- 10% (power adapter not included)</td>
</tr>
<tr>
<td>Maximum Power Consumption</td>
<td>11 Watts</td>
</tr>
<tr>
<td>Temperature</td>
<td>Operating: 0 to 40 °C (32 to 104 °F)</td>
</tr>
<tr>
<td>Humidity</td>
<td>Operating: 10% to 90% non-condensing</td>
</tr>
<tr>
<td>Certifications</td>
<td>FCC, IC, CE</td>
</tr>
</tbody>
</table>
# Antenna Patterns

<table>
<thead>
<tr>
<th>Orientation</th>
<th>H-Plane</th>
<th>E-Plane</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.4 GHz Ceiling Mounted</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="2.4 GHz Ceiling" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2.4 GHz Wall Mounted</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="2.4 GHz Wall" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>5 GHz Ceiling Mounted</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="5 GHz Ceiling" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>5 GHz Wall Mounted</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="5 GHz Wall" /></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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1. Maximum wireless signal rate derived from IEEE standard 802.11 and draft 802.11ac 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.

2. This unit is designed for indoor environments, you might violate local regulatory requirements by deploying this unit in outdoor environments.

3. Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-2660 may not support the 5.25-5.35 GHz and 5.47-5.725 GHz frequency ranges in certain regions.

This product is based on draft IEEE 802.11ac specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11ac specifications. Compatibility with 802.11ac devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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For more information: www.dlink.com