

[Manuals.plus](#) /

› [D-Link](#) /

› D-Link DWL-2600AP Unified Wireless N PoE AP User Manual

D-Link DWL-2600AP

D-Link DWL-2600AP Unified Wireless N PoE AP

USER MANUAL

1. Product Overview

The D-Link DWL-2600AP is a unified Wireless N single-band Power over Ethernet (PoE) Access Point designed for business-class environments. It offers high data transmission speeds and supports access point load balancing for reliable wireless service. This device can operate as a standalone wireless access point or as part of a centrally managed system controlled by a D-Link unified wireless switch or controller.



Figure 1: Top view of the D-Link DWL-2600AP, showing the D-Link logo and LED indicators for Power, LAN, and 2.4GHz activity.

The DWL-2600AP provides an extensible design for service prioritization and delivers high availability, scalability, and flexibility. Its country of origin is China.

2. What's in the Box

Upon unpacking your D-Link DWL-2600AP, please verify that all components are present and undamaged:

- D-Link DWL-2600AP Unified Wireless N PoE Access Point
- Power Adapter (Note: PoE injector is not included but the device supports PoE)
- Mounting Kit (if applicable, for ceiling or wall mounting)
- Quick Installation Guide (refer to this manual for detailed instructions)

If any items are missing or damaged, please contact your reseller or D-Link support immediately.

3. Setup and Installation

3.1 Physical Installation

The DWL-2600AP can be mounted on a ceiling or wall, or simply placed on a flat surface. Ensure the chosen location is central to the desired wireless coverage area and away from obstructions or sources of interference (e.g., microwave ovens, large metal objects).

Powering the Device:

- **Power over Ethernet (PoE):** Connect an Ethernet cable from a PoE-enabled switch or PoE injector to the LAN port on the DWL-2600AP. This is the recommended method for simplified cabling.
- **External Power Adapter:** If PoE is not available, connect the provided power adapter to the power input port on the DWL-2600AP and plug it into a standard electrical outlet.

3.2 Initial Connection and Configuration

To configure the DWL-2600AP, you will typically access its web-based management interface. The default IP address and login credentials can usually be found in the Quick Installation Guide or on a label on the device itself. If the device is connected to a network with a DHCP server, it may obtain an IP address automatically.

1. Connect your computer directly to the DWL-2600AP's LAN port using an Ethernet cable, or connect your computer to the same network segment as the DWL-2600AP.
2. Open a web browser (e.g., Chrome, Firefox, Edge).
3. Enter the default IP address of the DWL-2600AP (e.g., <http://192.168.0.50> or similar, consult documentation for exact default) into the address bar and press Enter.
4. Enter the default username and password when prompted. It is highly recommended to change these default credentials immediately after initial login for security purposes.
5. Follow the on-screen wizard or navigate through the interface to configure wireless settings (SSID, security type, password), network settings (IP address, subnet mask), and other advanced features.

For detailed configuration steps, refer to the comprehensive user manual available on the D-Link support website.

4. Operating the DWL-2600AP

Once configured, the DWL-2600AP will broadcast its wireless network(s). Client devices (laptops, smartphones, tablets) can then connect to these networks using the configured Wi-Fi password.

Operating Modes:

- **Standalone Mode:** The DWL-2600AP functions as an independent access point, managed individually.

- **Managed Mode:** The DWL-2600AP is controlled by a D-Link Unified Wireless Switch or Wireless Controller, allowing for centralized management, configuration, and monitoring of multiple access points. This mode is ideal for larger deployments requiring seamless roaming and advanced features like load balancing.

The device supports 802.11n and 802.11g wireless standards, operating on the 2.4GHz frequency band. The LED indicators on the top of the device provide status information:

- **Power LED:** Indicates power status.
- **LAN LED:** Indicates activity on the wired LAN port.
- **2.4GHz LED:** Indicates wireless activity on the 2.4GHz band.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your DWL-2600AP.

- **Firmware Updates:** Periodically check the D-Link support website for new firmware versions. Firmware updates often include performance improvements, bug fixes, and security enhancements. Follow the instructions provided by D-Link for safe firmware upgrades.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Environmental Conditions:** Ensure the device is operating within its specified temperature and humidity ranges. Avoid placing it in direct sunlight or near heat sources.
- **Configuration Backup:** Regularly back up your device's configuration settings. This allows for quick restoration in case of accidental resets or configuration errors.

6. Troubleshooting

This section addresses common issues you might encounter with your DWL-2600AP.

6.1 No Power / Power LED Off

- Verify the power adapter is securely connected to the device and a working electrical outlet.
- If using PoE, ensure the Ethernet cable is connected to a PoE-enabled port on a switch or a PoE injector, and that the PoE source is active.
- Try a different power outlet or PoE port.

6.2 Cannot Connect to Wireless Network

- Ensure the DWL-2600AP's 2.4GHz LED is active, indicating wireless functionality.
- Verify you are entering the correct Wi-Fi password (pre-shared key). Passwords are case-sensitive.
- Check if the SSID (wireless network name) is being broadcast. If it's hidden, you'll need to manually add the network on your client device.
- Move closer to the access point to rule out signal strength issues.
- Restart both the DWL-2600AP and your client device.

6.3 Cannot Access Web Management Interface

- Ensure your computer is on the same network segment as the DWL-2600AP.
- Verify the IP address you are using to access the interface is correct. If the device obtained an IP via DHCP, check your router's DHCP client list.
- Temporarily disable any firewall or antivirus software on your computer that might be blocking access.
- Try a different web browser.

- If you have forgotten the login credentials, you may need to perform a factory reset.**Note:** A factory reset will erase all custom configurations.

6.4 Performing a Factory Reset

To perform a factory reset, locate the reset button (often a small pinhole button) on the device. With the device powered on, use a paperclip or similar pointed object to press and hold the reset button for approximately 5-10 seconds until the LEDs change state. Release the button and allow the device to reboot. It will revert to its default factory settings.

7. Specifications

Feature	Specification
Brand	D-Link
Model Name	DWL-2600AP
Wireless Type	802.11n, 802.11g
Frequency Band	2.4 GHz
Connectivity Technology	Wi-Fi
Power Input	12 Volts (via adapter) or Power over Ethernet (PoE)
Item Weight	9.1 ounces
Product Dimensions (LxWxH)	5.51 x 7.87 x 1.57 inches
Color	White
Specific Uses For Product	Business
Date First Available	January 4, 2013

8. Warranty and Support

D-Link products are typically covered by a limited warranty. For specific warranty terms and conditions applicable to your DWL-2600AP, please refer to the warranty card included with your product or visit the official D-Link website.

For technical support, product registration, or to download the latest drivers and firmware, please visit the D-Link support portal:

**D-Link Support
Website**

When contacting support, please have your product model number (DWL-2600AP) and serial number ready. The serial number is usually located on a sticker on the bottom or back of the device.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B00BV2WXL0>

More documents and user manuals: **<https://manuals.plus/>**