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Linksys WET610N

Linksys WET610N Dual-Band Wireless-N Ethernet Bridge User Manual

Model: WET610N

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Linksys WET610N Dual-Band Wireless-N Ethernet Bridge. This device is designed to connect wired Ethernet-enabled devices, such as gaming consoles, smart TVs, or desktop computers, to your wireless-N network, providing high-speed dual-band connectivity.

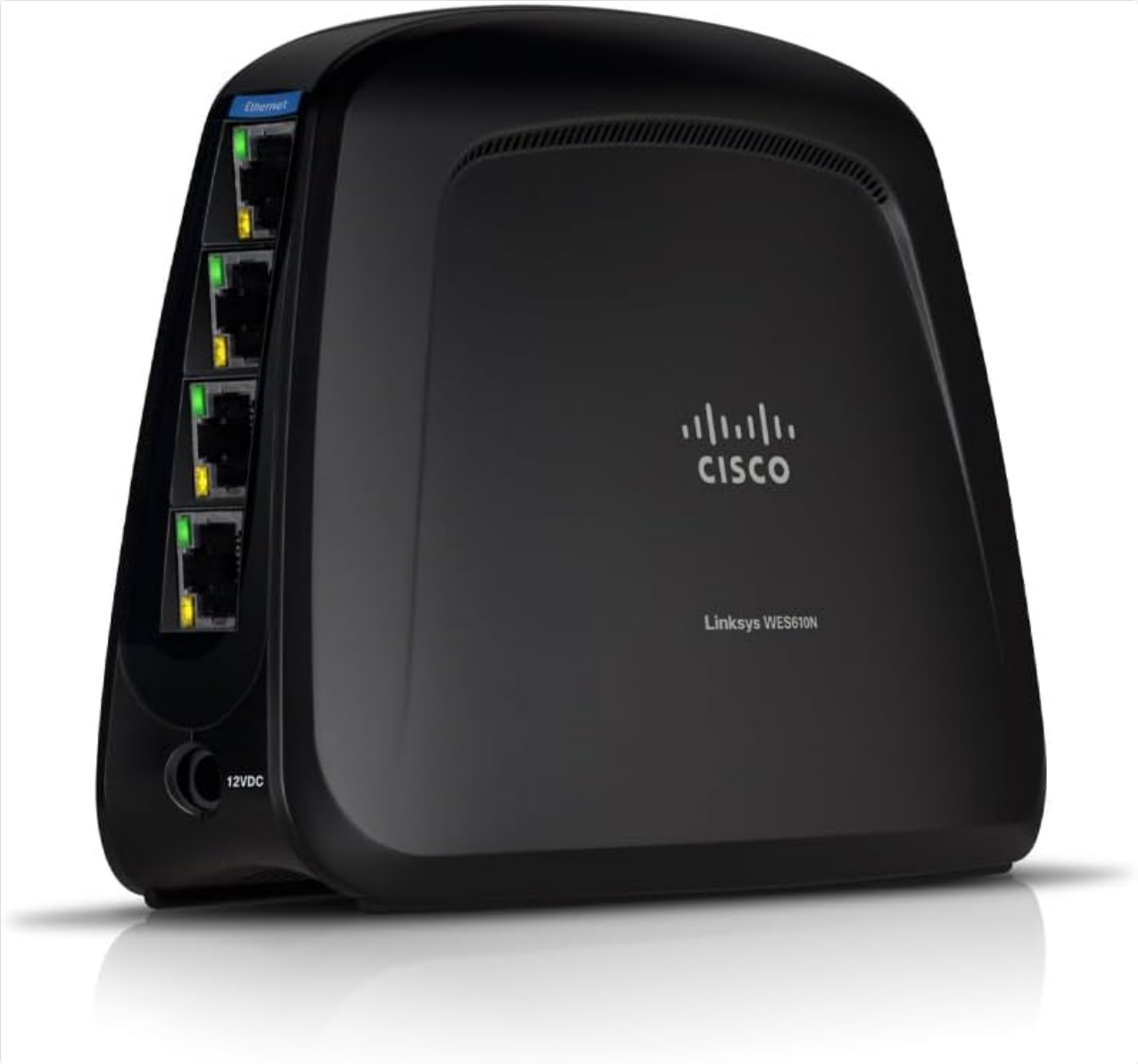

Figure 1: Linksys WET610N Dual-Band Wireless-N Ethernet Bridge. The device is black, with four Ethernet ports visible on the side, each with indicator lights, and a 12VDC power input below them. The top surface features the Cisco and Linksys WES610N branding.

Setup

Package Contents

- Linksys WET610N Dual-Band Wireless-N Ethernet Bridge
- Power Adapter
- Ethernet Cable
- Quick Installation Guide (not included in this digital manual)

Connecting the Hardware

1. **Positioning the Bridge:** Place the WET610N in a location that is within range of your wireless router and close to the Ethernet-enabled device you wish to connect. Avoid placing it near large metal objects or other devices that emit radio frequency interference.
2. **Connect Ethernet Cable:** Connect one end of the provided Ethernet cable to an Ethernet port on the WET610N and the other end to the Ethernet port on your wired device (e.g., smart TV, gaming console, PC).
3. **Connect Power:** Plug the power adapter into the 12VDC port on the WET610N and then plug the other end into a

standard electrical outlet. The power LED on the bridge should illuminate.

Initial Configuration (Wireless Connection)

The WET610N can be configured using a web browser. You will need a computer connected to the same network (either wired to the bridge or wirelessly to your router) for initial setup.

1. **Access Setup Page:** Open a web browser on a computer connected to your network. Enter the default IP address of the bridge (refer to the Quick Installation Guide or Linksys support website for the default IP, typically 192.168.1.1 or 192.168.1.254). If the default IP does not work, you may need to use the Linksys Setup Software.
2. **Login:** Enter the default username and password (usually "admin" for both, or "admin" for username and "password" for password). It is highly recommended to change these defaults after initial setup for security.
3. **Wireless Settings:** Navigate to the Wireless section. Select your wireless network (SSID) from the list of available networks. Enter your wireless network's security key (WPA/WPA2 passphrase or WEP key).
4. **Save Settings:** Apply and save the changes. The bridge will restart and attempt to connect to your wireless network. The wireless indicator LED on the bridge should illuminate once connected.
5. **Verify Connection:** Once connected, your wired device should now have internet access through the bridge.

Operating the Device

Once configured, the Linksys WET610N operates as a transparent bridge, allowing any Ethernet-enabled device connected to its ports to access your wireless network. No further configuration is typically required for daily operation.

Indicator Lights

- **Power LED:** Indicates the power status of the device.
- **Wireless LED:** Indicates the status of the wireless connection to your router.
- **Ethernet Port LEDs:** Indicate activity and link status for each connected Ethernet device.

Refer to the Quick Installation Guide for specific LED behavior and their meanings.

Maintenance

The Linksys WET610N requires minimal maintenance. Follow these guidelines to ensure optimal performance:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the device is placed in a well-ventilated area to prevent overheating. Do not block the ventilation slots.
- **Firmware Updates:** Periodically check the Linksys support website for firmware updates. Firmware updates can improve performance, add new features, and fix bugs. Follow the instructions provided by Linksys for firmware update procedures.
- **Power Cycle:** If the device becomes unresponsive or experiences connectivity issues, try power cycling it by unplugging the power adapter for 10 seconds and then plugging it back in.

Troubleshooting

If you encounter issues with your Linksys WET610N, try the following troubleshooting steps:

- **No Power:**
    - Ensure the power adapter is securely connected to the bridge and a working electrical outlet.

- Try a different outlet.

- **Cannot Connect to Wireless Network:**
  - Verify that your wireless router is powered on and broadcasting its SSID.
  - Double-check the wireless network name (SSID) and security key (password) entered during configuration. Ensure case sensitivity is correct.
  - Move the WET610N closer to your wireless router to improve signal strength.
  - Ensure your wireless router is using a compatible wireless standard (802.11n, 802.11g, or 802.11b).
  - Try resetting the bridge to factory defaults (refer to the Quick Installation Guide for reset instructions) and reconfigure it.

- **Wired Device Has No Internet Access:**
  - Verify the Ethernet cable is securely connected between the bridge and your wired device. Check the Ethernet port LEDs on the bridge for activity.
  - Ensure the WET610N is successfully connected to your wireless network (check the Wireless LED).
  - Confirm that your wired device's network settings are set to obtain an IP address automatically (DHCP).
  - Try connecting a different wired device to the bridge to isolate the issue.

- **Slow Performance:**
  - Ensure the bridge is positioned optimally for wireless signal reception, away from interference sources.
  - Check for other devices on your wireless network that might be consuming significant bandwidth.
  - Consider updating the firmware of both the bridge and your wireless router.

Specifications

Feature	Detail
Brand	Linksys
Model Name	WET610N (Note: Product specifications also list EA9300, but the product title and description refer to WET610N)
Product Dimensions	9.8 x 6.3 x 3.54 inches
Item Weight	1 pounds
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11n
Connectivity Technology	Ethernet
Color	Black
Antenna Type	Retractable
Special Feature	WPS

Feature	Detail
Compatible Devices	Laptop (and other Ethernet-enabled devices)
First Available Date	February 24, 2013

Warranty Information

Linksys products typically come with a limited hardware warranty. The duration and terms of the warranty may vary by region and product. Please retain your proof of purchase for warranty claims.
For detailed warranty information, please refer to the warranty card included with your product or visit the official Linksys support website.

Customer Support

For further assistance, technical support, or to download the latest drivers and firmware, please visit the official Linksys support website:

www.linksys.com/support

You may also find helpful resources, FAQs, and community forums on their website.

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