

AIMIBO Q3ZL

AIMIBO Q3ZL 4K 5G Wireless Display Adapter User Manual

Model: Q3ZL

1. INTRODUCTION

The AIMIBO Q3ZL Wireless Display Adapter provides a seamless solution for casting content from your devices to a larger screen. This adapter supports 4K input and 1080P HD output at 60Hz, utilizing dual-band 2.4G and 5.8G frequencies for stable transmission. It offers both Direct Mirror and DLNA modes, ensuring broad compatibility with iOS, Android, Windows, and MacOS devices. This manual will guide you through the setup, operation, and troubleshooting of your new wireless display adapter.

2. SAFETY INFORMATION

- Ensure the adapter is powered by a 5V/1.5A USB power source. Insufficient power may lead to unstable performance.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or modify the adapter, as this will void the warranty and may cause damage.
- Keep the device away from water or other liquids.
- Use only the provided USB-C cable for power.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x AIMIBO Wireless Display Adapter
- 1x USB-C Cable
- 1x User Manual (this document)



Image: AIMIBO Wireless Display Adapter and its packaging.

4. PRODUCT OVERVIEW

The AIMIBO Wireless Display Adapter is designed for simplicity and efficiency. It features a compact design with essential components for easy connectivity.



Switch Three Modes At Will

Make your work more effective



- Live Sports
- On-the-go
- Conference
- Speech
- Classroom
- Home Theater

Image: Detailed view of the adapter's components.

- **HDMI Port:** Connects to your TV, monitor, or projector.
- **USB-C Charging Port:** Provides power to the adapter (requires 5V/1.5A).
- **Function Button:** Used to switch between DLNA Connect and Direct Mirror modes, or to restore factory settings (hold for 15 seconds).
- **Indicator Light:** Displays the device's status (e.g., blue light for active connection).

5. SETUP

Follow these steps for initial setup:

1. Plug the HDMI connector of the wireless display adapter into an available HDMI port on your HDTV, projector, or monitor.
2. Connect the USB-C cable to the adapter's USB-C charging port and plug the other end into a USB power source (5V/1.5A). This can be a USB port on your TV or a separate USB power adapter.
3. Turn on your display device and select the corresponding HDMI input channel.
4. The adapter's main screen will appear on your display, showing instructions for connecting your device.

Plug and Play

Make screen sharing easier than ever with AIMIBO NEW Wireless Display Adapter, featuring dual casting modes designed for your convenience.



No WiFi



No Bluetooth



No driver needed



Image: Plug and Play setup illustration.

[Setup Video Guide](#)

Your browser does not support the video tag.

Video: This video demonstrates the setup process for connecting Windows and Mac OS devices to a TV wirelessly using the AIMIBO Wireless Display Adapter. It shows how to select the HDMI channel, connect in Direct Connect mode for MacBooks, and connect in DLNA Mirror mode for MacBooks by configuring Wi-Fi settings. It also briefly covers Windows connection via 'Wins+P' for Duplicate or Extend mode.

6. OPERATING INSTRUCTIONS

The AIMIBO adapter supports two primary casting modes: Direct Mirror and DLNA Mirror. You can also choose between Mirror, Extend, and Off-Screen display modes.

6.1. Direct Mirror Mode (iOS/MacOS)

This mode is ideal for quick, direct casting without needing a router network.

1. Ensure the adapter is in Direct Connect mode (indicated on the display). If not, press the function button to switch.
2. On your iOS/MacOS device, open the 'Screen Mirroring' or 'AirPlay' function.
3. Select the adapter's name (e.g., 'AMB-123') from the list of available devices.
4. The screen of your device will be mirrored to the connected display.

6.2. DLNA Mirror Mode (Windows/Android)

DLNA mode provides a more stable and extended casting experience by connecting through your router network.

1. Ensure the adapter is in DLNA Mirror mode. If not, press the function button to switch.
2. On your Windows/Android device, connect to the adapter's Wi-Fi network (e.g., 'AMB-123') using the password displayed on the screen (default: 12345678).
3. Open a web browser and enter the IP address displayed on the screen (e.g., 192.168.203.1).
4. In the adapter's web interface, click 'Internet', select your home Wi-Fi router's network, and enter its password.
5. Once connected, your device will use your home Wi-Fi network, and you can initiate screen mirroring via Miracast (Windows) or Smart View/Cast (Android).

6.3. Display Modes

The adapter supports various display modes to suit your needs:

- **Mirror Mode:** Duplicates your device's screen onto the larger display.
- **Extend Mode:** Extends your desktop, allowing you to use the larger display as a secondary monitor. (Note: iOS/MacOS devices may have limitations with HDCP-protected apps in Extend mode).
- **Off-Screen Mode:** Allows you to turn off your device's screen while content continues to display on the larger screen, saving battery.

What's in the Box



HDMI Port	Connect it to TV, Monitor, Projector, or other screen device that has the HDMI input function.
Indicator Light	Blue Light
USB-C Charging Port	Connect it to dongle and a 5V 1A USB charger or your device's USB port. * Some TVs might have not enough power, please use USB charger for stable streaming.
Button Functions	1. Hold 2s to switch to Direct Connect mode or DLNA Mirror mode. 2. Hold 3-5s for screen rotation 3. Hold 15s to restore factory settings.* In Direct Connect mode, iOS and Android video apps cannot use the extension function. You need to switch to DLNA Mirror to achieve that.

Image: Illustration of different display modes.

7. COMPATIBILITY

The AIMIBO Q3ZL Wireless Display Adapter offers wide compatibility:

- **Operating Systems:** iOS, Android, Windows, MacOS.
- **Wireless Protocols:** AirPlay, Miracast, DLNA.
- **Supported Devices:** Smartphones, tablets, laptops, and PCs.
- **Display Devices:** HDTVs, monitors, projectors with HDMI input.

Important Notes:

- For Windows & Android users, the adapter supports casting from various streaming apps like Netflix, Prime Video, HBO Max, Hulu Plus, etc.
- For iOS & MacOS devices (e.g., iPhone 15/16/17 series, iPad, MacBook), mirroring is supported for apps like Safari, Office, YouTube, Skype, Reddit, and other non-HDCP-protected applications. HDCP-protected content (e.g., certain streaming services) may not be mirrored due to copyright restrictions.
- Windows devices must have wireless display functionality enabled.

Wide Compatibility

DLNA & Direct Dual Mode



DLNA Mirror: You can connect to WiFi Router network for a stable, extended streaming experience.

Direct Mirror: Simplified setup by Plug →Click screen mirror →Choose AMB-123 →Auto-sync.



Image: Wide compatibility overview.

Compatible with Streaming Apps

Android/Windows Work With



iOS/Mac OS Work With



Not Support



Image: Streaming app compatibility chart.

8. SPECIFICATIONS

Feature	Detail
Model Name	Q3ZL
Brand	AIMIBO
Connectivity Technology	Bluetooth, Wi-Fi, Wireless

Feature	Detail
Connector Type	HDMI
Resolution	4K input, 1080P HD @ 60Hz output
Wireless Bands	Dual Band 2.4G & 5.8G
Transmission Range	Up to 65FT (20M)
Dimensions	5.5 x 1.96 x 0.5 inches
Item Weight	3.2 ounces
Special Features	Dual Casting Modes (Direct & DLNA), Extend & Mirror modes, Plug and Play

Dual Band 2.4G & 5.8G for Uninterrupted Streaming



Others		AIMIBO
1080P	Resolution	4K
2.4G/30FPS	Frequency	5G/60FPS
Low	Stability	High
15FT	Distance	65FT
Weak	Anti-Interference	Strong

Image: Dual Band 2.4G & 5.8G for Uninterrupted Streaming.

4K Decoding with 1080P Output



Image: 4K Decoding with 1080P Output.

9. TROUBLESHOOTING

If you encounter issues with your AIMIBO Wireless Display Adapter, please refer to the following common problems and solutions:

- **No Display/Black Screen:**
 - Ensure the adapter is properly plugged into the HDMI port and receiving sufficient power (5V/1.5A).
 - Verify that your display device is set to the correct HDMI input channel.

- Try a different HDMI port or power source.

- **Unstable Connection/Lag:**

- Ensure your device is within the recommended transmission range (up to 65FT/20M).
- Minimize interference from other wireless devices.
- For DLNA mode, ensure a strong and stable Wi-Fi connection to your router.
- Some lag may occur with demanding applications like fast-paced gaming; for such uses, direct wired connections are generally more responsive.

- **Cannot Connect/Device Not Found:**

- Confirm the adapter is in the correct mode (Direct Connect for iOS/macOS, DLNA for Windows/Android). Press the function button to switch modes.
- Restart both the adapter (by unplugging and replugging power) and your source device.
- For Windows, ensure your device has wireless display functionality and try pressing 'Wins+P' to initiate connection.
- If using DLNA mode, double-check the Wi-Fi password for both the adapter's network and your home router.

- **Streaming App Limitations (iOS/macOS):**

- Certain streaming platforms (e.g., Netflix, Prime Video, Hulu) may block screen mirroring for iOS/macOS devices due to HDCP copyright protection. This is a limitation of the content provider, not the adapter.

- **Windows Connection Issues:**

- Some Windows laptops may have varying compatibility. Ensure your Windows system is updated and has the necessary drivers for wireless display.

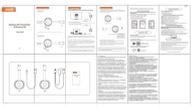
- **Factory Reset:**

- If problems persist, hold the function button on the adapter for 15 seconds to restore factory settings.

10. WARRANTY AND SUPPORT

AIMIBO products are designed for reliability and performance. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact AIMIBO customer support.

If you require further assistance or have questions not covered in this manual, please contact AIMIBO customer support through the retailer's platform or the official AIMIBO website. When contacting support, please provide your product model (Q3ZL) and a detailed description of the issue.



[AIMIBO Wireless HD Transmitter & Receiver Kit User Manual](#)

User manual for the AIMIBO Wireless HD Transmitter & Receiver Kit, detailing connection diagrams, pairing instructions, setup for Android and iOS devices, and troubleshooting tips.



[Aimibo Wireless HDMI Transmitter and Receiver User Guide](#)

This guide provides instructions for setting up and using the Aimibo Wireless HDMI Transmitter and Receiver kit for streaming 4K video and audio. Learn how to connect, pair devices, and troubleshoot common issues.



[Aimibo Wireless HDMI Transmitter and Receiver Cable: Specifications, Installation, and Usage Guide](#)

A comprehensive guide to the Aimibo Wireless HDMI Transmitter and Receiver Cable, detailing its specifications, package contents, installation steps, re-pairing procedures, and firmware update process for seamless 1080P wireless streaming.



[AIMIBO Q3 4K Wireless HDMI Transmitter and Receiver User Manual](#)

User manual for the AIMIBO Q3 4K Wireless HDMI Transmitter and Receiver, covering product introduction, specifications, compatibility, package contents, connection methods, re-pairing, troubleshooting, and after-sales support.



[AIMIBO 2-in-1 Wireless HD Transmitter & Receiver Kits User Manual](#)

User manual for the AIMIBO 2-in-1 Wireless HD Transmitter & Receiver Kits, detailing setup, operation, pairing, and troubleshooting for seamless wireless HD streaming.



Thank you for choosing our product. If you encounter any connection issues, please refer to the troubleshooting steps below. If they don't resolve the issue, don't hesitate to contact us. We're always here to listen and help!

Our Warranty
Write to us for questions
We're here to help!

Contact Us
Email: support@aimibo.com
Website: www.aimibo.com



[AIMIBO Wireless HDMI Transmitter and Receiver Troubleshooting Guide](#)

Comprehensive troubleshooting guide for AIMIBO wireless HDMI transmitter and receiver issues, covering connection problems, pairing, audio/video sync, and performance optimization.