AIMIBO Q3ZL

AIMIBO 4K Wireless Display Adapter (Model Q3ZL) User Manual

Brand: AIMIBO | Model: Q3ZL

1. PRODUCT OVERVIEW

The AIMIBO 4K Wireless Display Adapter is a plug-and-play HDMI dongle designed for casting video and audio from various devices to a larger display. It supports 4K Ultra HD resolution and operates on dual-band 2.4G/5G WiFi for stable, low-latency streaming. This adapter is compatible with Android, iOS, Windows, and macOS devices, supporting AirPlay, Miracast, and DLNA protocols.

It offers both Direct and DLNA modes, along with Mirror and Extend display options, providing flexibility for presentations, entertainment, and multitasking. The compact design makes it suitable for portable use.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- AIMIBO Wireless Display Adapter (with HDMI port)
- USB-C Charging Cable with Antenna
- User Manual

Image: Contents of the box, including the wireless display adapter, USB-C charging cable, and user manual.

Image: Detailed view of the adapter's components, including the HDMI port, function button, indicator light, and USB-C charging port.

3. SETUP AND CONNECTION

The AIMIBO Wireless Display Adapter is designed for easy plug-and-play functionality. Follow these steps to connect and begin casting.

3.1 Initial Connection

1. Connect the HDMI port of the adapter to an available HDMI input on your TV, monitor, or projector.
2. Connect the USB-C charging cable to the adapter's USB-C port and plug the other end into a 5V/1A USB power adapter or a USB port on your display device for power. Ensure sufficient power for stable operation.
3. Turn on your display device and select the corresponding HDMI input channel. The adapter's interface will

appear on the screen.

Image: Plug and Play setup, illustrating direct connection to a display without additional software or network.

3.2 Android/Tablet Direct Connect Mode (Mirror Mode)

This mode allows direct screen mirroring without requiring a Wi-Fi router.

1. On your Android phone or tablet, find the 'Screen Mirror' or 'Wireless Projection' function in your device settings. (Note: The name may vary by device, e.g., Smart View, Cast, Wireless Display).
2. Select the adapter's name (e.g., 'AMB-XXXX') from the list of available devices.
3. Wait approximately 5 seconds for the connection to establish. Your device screen will then be mirrored to the display.

Video: Instructions for connecting and mirroring an Android phone or tablet in Direct Connect Mode.

3.3 iOS/iPad Direct Connect Mode (Mirror Mode)

This mode allows direct screen mirroring for iOS devices without requiring a Wi-Fi router.

1. On your iPhone or iPad, open Control Center and tap 'Screen Mirroring'.
2. Select the adapter's name (e.g., 'AMB-123').
3. If prompted, enter the 4-digit password displayed on your TV screen into your iOS device.
4. Wait approximately 5 seconds for the connection to establish. Your device screen will then be mirrored to the display.

Video: Instructions for connecting and mirroring an iOS device in Direct Connect Mode.

3.4 MacBook Direct Connect Mode (Mirror Mode)

This mode allows direct screen mirroring for MacBook without requiring a Wi-Fi router.

1. On your MacBook, click the 'Screen Mirroring' icon in the menu bar.
2. Select the adapter's name (e.g., 'AMB-123').
3. If prompted, enter the 4-digit password displayed on your TV screen into your MacBook.
4. Wait approximately 5 seconds for the connection to establish. Your MacBook screen will then be mirrored to the display.

3.5 Windows Direct/DLNA Mode (Mirror/Extend Mode)

Windows devices can use both Direct and DLNA modes, supporting both Mirror and Extend display options.

1. On your Windows device, press the 'Wins+K' keys simultaneously.
2. Select the adapter's name (e.g., 'AMB-123') from the list of available devices.
3. Wait approximately 5 seconds for the connection to establish.
4. You can then choose 'Duplicate' for Mirror Mode or 'Extend' for Extend Mode from the display settings.

Video: Instructions for connecting and mirroring a MacBook or Windows device.

3.6 DLNA Mode (Wi-Fi Router Required)

For a stable, extended streaming experience, connect the adapter to your Wi-Fi router.

1. On your mobile device (Android/iOS), turn on Wi-Fi and connect to the adapter's Wi-Fi network (e.g., 'AMB-123'). The default password is '12345678'.
2. Open a web browser on your device and enter the IP address '192.168.203.1'.
3. In the settings page, click 'Internet', select your home Wi-Fi router's name, and enter its password.
4. After successful connection, the adapter will display your router's name. Reconnect your mobile device to your home Wi-Fi network.
5. Now, use your device's 'Screen Mirror' or 'Wireless Projection' function to select the adapter and begin streaming.

Video: Instructions for connecting and mirroring an Android phone or tablet in DLNA Connect Mode.

Video: Instructions for connecting and mirroring an iOS device in DLNA Mirror Mode.

4. OPERATING MODES

The AIMIBO Wireless Display Adapter supports various display modes to suit your needs:

- **Mirror Mode:** Duplicates your device's screen onto the larger display. Ideal for presentations or sharing content directly.
- **Extend Mode:** Extends your desktop, allowing you to use the larger display as a second screen. This is useful for multitasking, such as working on your laptop while displaying a video on the TV. (Available in DLNA mode for most devices, and for Windows devices in both Direct and DLNA modes).
- **Off-Screen Mode:** Allows you to turn off your source device's screen while content continues to display on the connected screen. This saves power and provides privacy.

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

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

Image: Visual representation of Extend, Mirror, and Off-Screen modes.

AIMIBO has been dedicated to wireless HDMI transmission products for more than 10 years.

Our products are designed to be lightweight and reliable, with strict quality control and continuous innovation.

With AIMIBO, you can enjoy seamless connectivity and convenience forboth work and play.

Image: Mirror Mode in use, showing a tablet screen mirrored to a TV.

Image: Extend Mode in use, showing a laptop extending its display to a TV.

Image: Off-Screen Mode in use, showing a projector displaying content while the source device is not visible.

5. COMPATIBILITY

The AIMIBO Wireless Display Adapter offers broad compatibility across various operating systems and streaming protocols.

5.1 Supported Operating Systems

- iOS (iPhone, iPad)
- Android (Phones, Tablets)
- Windows (Laptops, PCs)
- macOS (MacBooks)

5.2 Supported Protocols

- AirPlay
- Miracast
- DLNA
- Cast

5.3 App Compatibility

- **Windows/Android:** Supports casting for most apps including Netflix, Prime Video, HBO Max, Hulu, YouTube, Zoom, Office, Skype, etc.
- **iOS/MacBook:** Primarily supports mirroring for HDCP-free apps such as Safari, Office, YouTube, Skype, Reddit. **Note: Due to HDCP (High-bandwidth Digital Content Protection) restrictions, certain streaming services like Netflix, Prime Video, Hulu, HBO Max, and others may not be supported for mirroring on iOS/MacBook devices.**
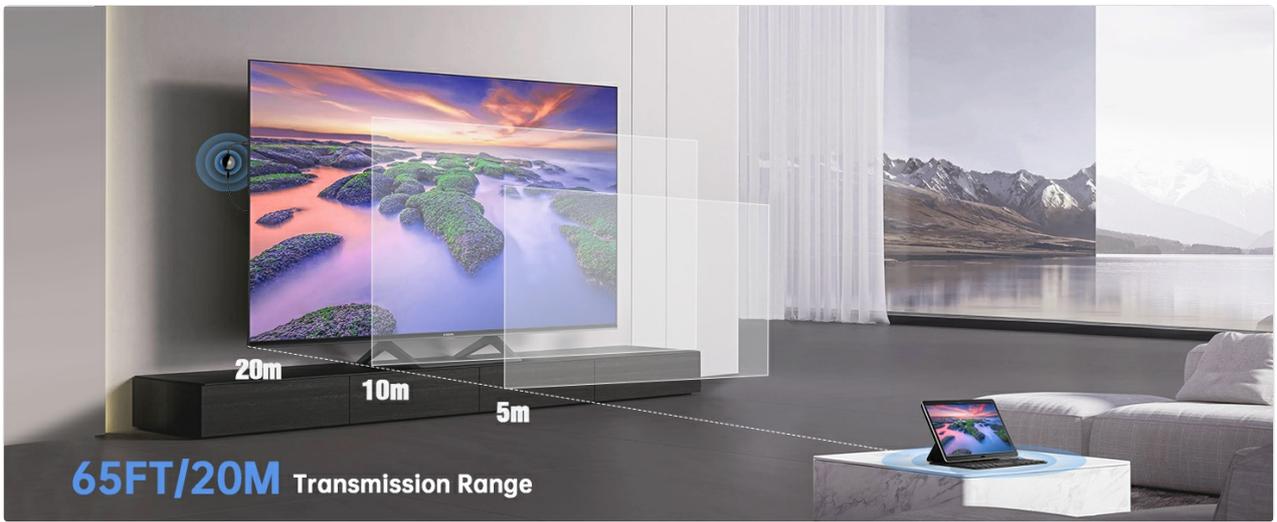
Image: Universal compatibility with various operating systems and casting protocols.

Image: App compatibility chart for different operating systems, highlighting HDCP restrictions for iOS/Mac OS.

6. SPECIFICATIONS

Feature	Specification
Brand Name	AIMIBO
Item Model Number	Q3ZL
Item Weight	3.2 ounces
Product Dimensions	7.87 x 2.75 x 0.59 inches
Color Name	Blue

Feature	Specification
Wireless Technology	Dual-band 2.4G/5G WiFi
Max Resolution	4K Ultra HD (Input), 1080P HD @60Hz (Output)
Transmission Range	Up to 65 feet (20 meters)
Supported Protocols	AirPlay, Miracast, DLNA, Cast
Compatibility	iOS, Android, Windows, macOS

7. TROUBLESHOOTING

- **No Signal on TV:**
  Ensure the adapter is correctly plugged into the HDMI port and powered via the USB-C cable. Select the correct HDMI input channel on your TV. Try a different HDMI port or USB power source.

- **Connection Issues:**
  If using Direct Connect mode, ensure your device's screen mirroring function is active and selecting the correct adapter name. If using DLNA mode, verify the adapter is connected to your Wi-Fi router and your device is on the same network. Try restarting both your device and the adapter.

- **Lag or Choppy Video:**
  Ensure the adapter is within the recommended 65ft (20m) range of your device. Minimize interference from other wireless devices. If using DLNA mode, ensure your Wi-Fi network is stable and has good signal strength. The adapter supports 5G WiFi for better performance.

- **No Audio:**
  Check the audio output settings on your source device and ensure the TV/monitor volume is up.

- **Cannot Cast Certain Apps (iOS/MacBook):**
  Some streaming services (e.g., Netflix, Prime Video) use HDCP protection, which prevents mirroring on iOS/MacBook devices. This is a content protection feature and not a defect of the adapter.

- **Factory Reset:**
  If you encounter persistent issues, you can restore factory settings by holding the Function Button for 15 seconds.

8. MAINTENANCE

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Ensure proper ventilation around the adapter during use to prevent overheating.

9. WARRANTY AND SUPPORT

The AIMIBO 4K Wireless Display Adapter (Model Q3ZL) comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.
For technical support, troubleshooting assistance, or warranty claims, please contact AIMIBO customer service through the following channels:

- **Email:** support@aimibo.tv
- **Website:** www.aimibo.tv

Please have your product model number (Q3ZL) and purchase information ready when contacting support.