4K Wireless HDMI Transmitter and Receiver

User Manual



EN

Model: Q3 TX - Q3 RX

Ver A 2.0

01 Product Introduction

This Wireless HDMI Transmitter and Receiver is the perfect solution for seamless connectivity up to 165 feet away. With easy plug-and-play setup, stream anything to a larger screen effortlessly. Our 5G technology ensures a smooth streaming experience. Plus, the receiver supports wireless screen mirroring in stunning 4k resolution, and 1 receiver can connect to up to 8 transmitters.

02 Specification

1. Model: Q3 TX - Q3 RX
2. Power Input: 5V/1A
3. Wifi: 2.4/ 5Ghz
4. TX Resolution: 1920X1080 @60Hz.
5. RX Resolution: 3840 × 2160 @30Hz.
6. Transmission Distance: up to 165 FT in open space (through wall 32 FT).
7. Receiver also can be a wireless display dongle for phone, tablet, laptop to TV.
8. 1 Receiver support up to 8 transmitters.

03 Compatible

1. Transmitter can work with most HDMI output devices, like Laptop, PC, Camera, DSLR, PS5, Blu-ray Player, TV Stick, TV Box, DVD, DVR, Set-top boxes, Cable/Satellite boxes, tablet and more.
2. Receiver can work with most display, like HDTV, Projector, and Monitor.
3. Mini/Micro HDMI adapters can convert the mini/micro HDMI interface for laptop, camcorder, camera, or tablet to a standard HDMI port.

04 Package Included

1. 1*Transmittert
2. 1*Receiver
3. 1*External antenna cable
4. 1*USB C cable
5. 1*Mini HDMI adapter
6. 1*Micro HDMI adapter
7. 1*User Manual

05 Contact Way:

Technical support email: Support@Aimibo.tv

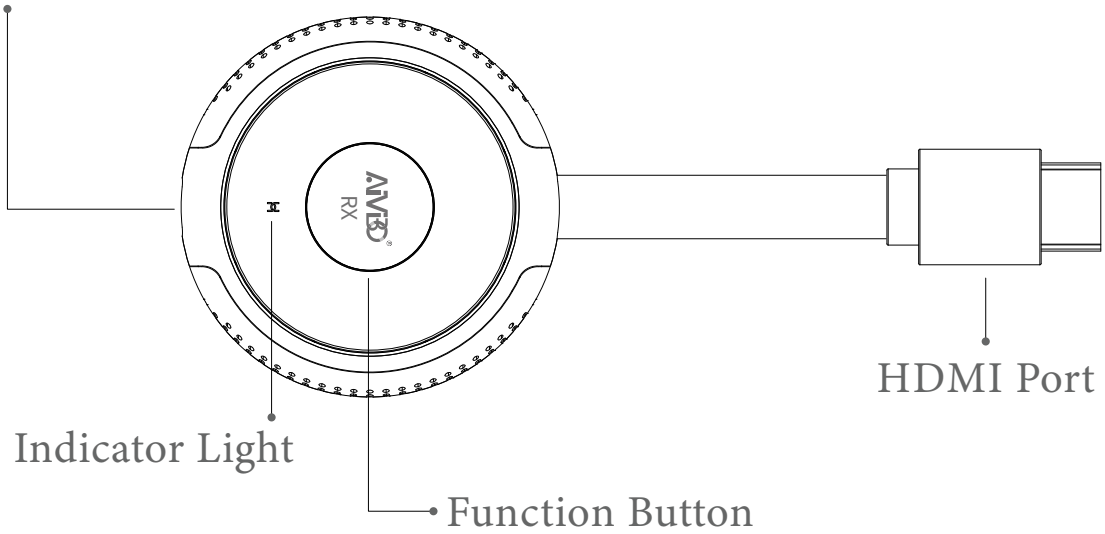
Website: https://aimibo.tv

WhatApp:

06 Product Overview

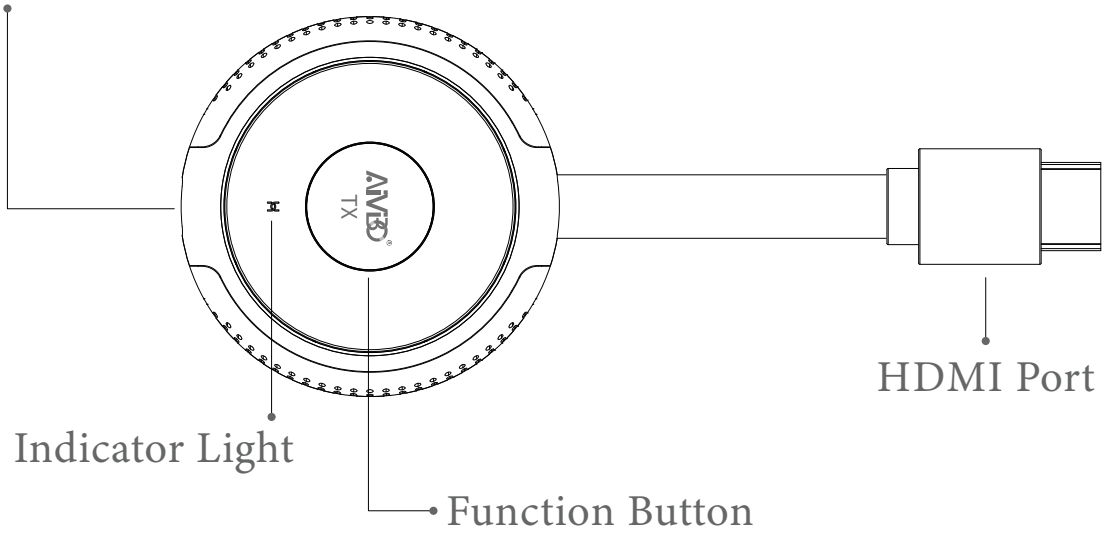
Receiver - RX

2 in 1 port for external antenna & charging cable



Transmitter - TX

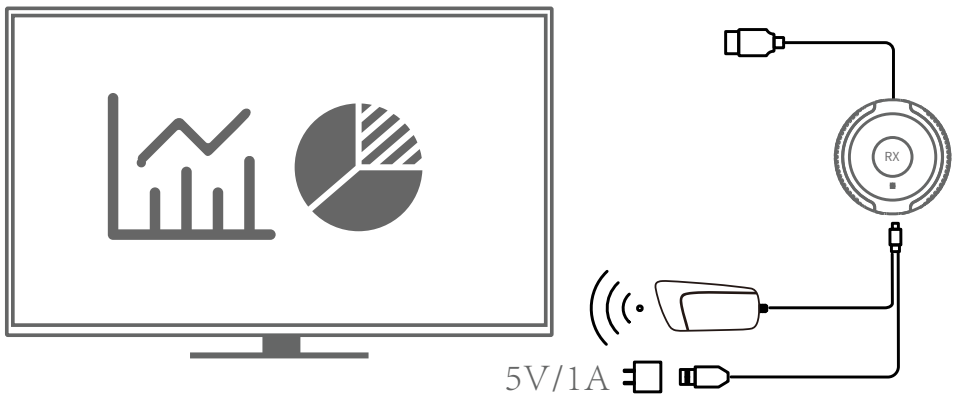
USB-C charging port



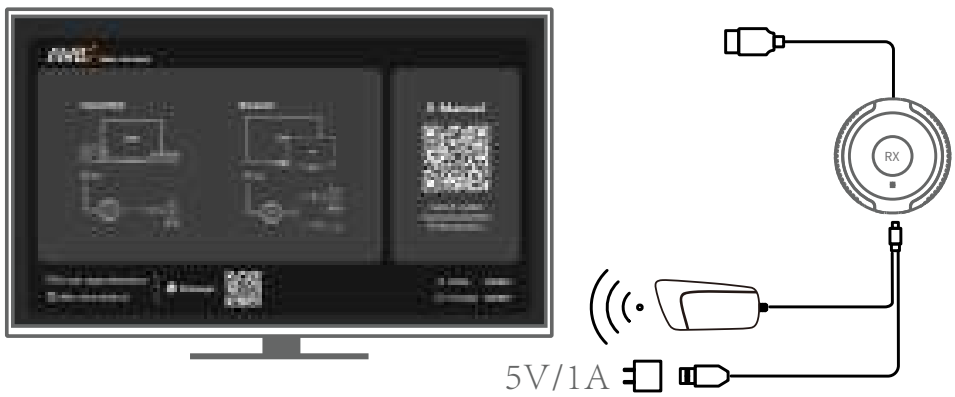
07 Connection Method

How to install?

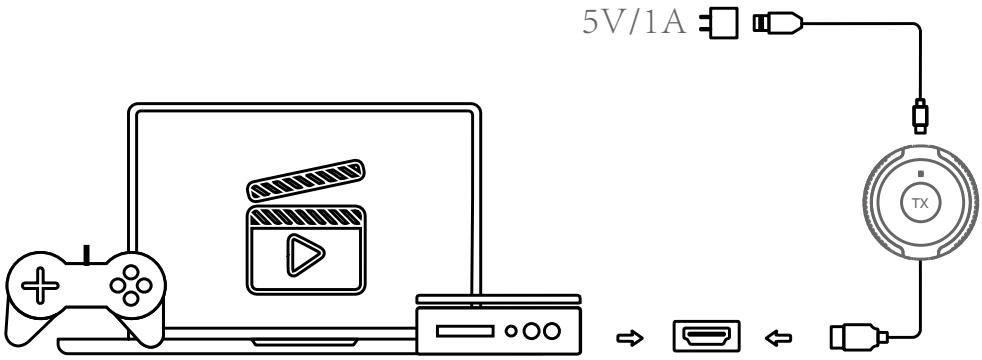
1. Connect a external antenna USB cable for receiver and power it via a 5V/1A USB charger or your device's USB port, then plug the receiver to your TV/monitor.



2. After connect receiver to TV, a language selection interface will appear on the screen. Single-click the function key on the receiver to select your preferred language. Double-click the function key to confirm your selection and enter the gray screen interface.



3 Connect the transmitter to the HDMI port on your laptop/PC, and power it on via a 5V/1A USB charger.



4 Wait about 5 seconds, the TX's indicator light will become flashing to solid, and then the screen will automatically project.

You can find a video demonstrating how to connect by scanning the code below:

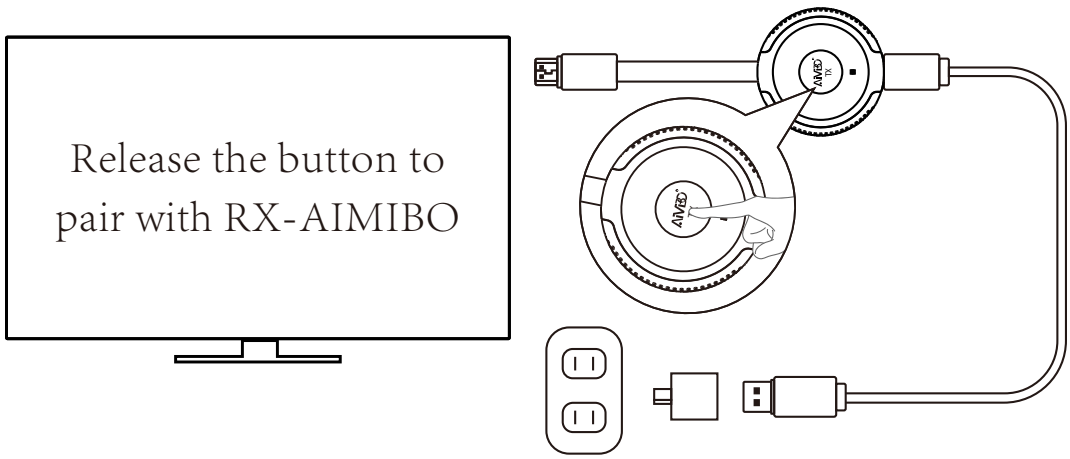
How to re-pair?

1. Connect external antenna to Receiver and power supply, plug it into TV or other HDMI input device; connect the transmitter to a wall charger.

   Note: During pairing mode, the TX does not need to be plugged into the device, it only needs to be powered on.

2. To enter pairing mode, press and hold the function button on the receiver for 3 seconds. Release the button when the prompt appears on the screen to pair with RX-AIMIBO.

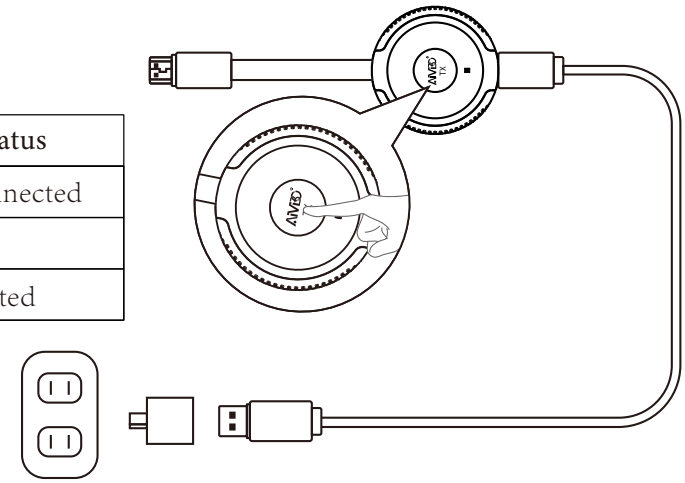
   Note: If you press and hold the function key for more than 10 seconds, the receiver will automatically initialize the program and return to the language selection interface.



3. Press and hold the function button on the transmitter for 3 seconds. Release the button when the indicator light turns off, and the transmitter will restart. Wait for the indicator light to start flashing quickly and then stop on a steady light. On the TV screen, you will see "Pairing-OK"

appear, which indicates that the pairing process is complete.

Transmitter Indicator Status	
Slow flash	Not connected
Fast flash	Pairing
Solid on	Connected



4 Once the pairing is successful, an "1" icon will appear in the upper right corner of the gray screen interface. After waiting for 5 seconds, they will auto mirror again.

Note: If pairing takes too long, the receiver may automatically exit pairing mode. If this occurs, please repeat the above steps to begin the pairing process again.

You can find a video demonstrating how to re-pair by scanning the code below:

How to get a smooth streaming experience?

If there are many Wi-Fi signals in the surrounding area or if the signal needs to pass through walls, the wireless transmission may be interfered.

Solution:

1. Ensure that the receiver's antenna is not obstructed by TV. For better signal stability, please move the antenna away from behind the TV. The fewer obstacles between the transmitter and receiver antennas, the more stable the signal transmission will be.



2. To improve your video streaming experience, we recommend changing the Wi-Fi channel to a less congested one, please follow these steps:

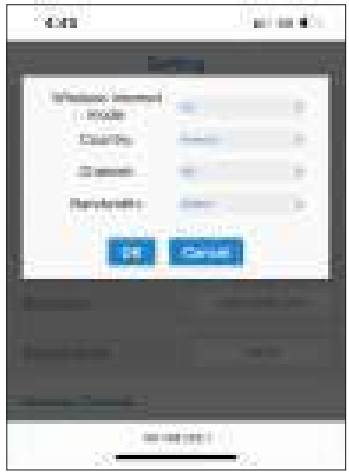
   1). Disconnect the transmitter by single-clicking the function button.

   2). Go t o your phone's network settings and find the WiFi network named "RX-AIMIBO", then enter the password: 12345678.

3). Launch a browser on your phone and enter the IP address "192.168.203.1".



4). Choose "Wireless channel", select the 5G as your WiFi mode.



5). Choose your country, and select a WiFi channel, select a Bandwidth. Wifi channel is between 36 and 161. (Note: You need to choose one that is far away from the current channel, like current is 40, you'd better to choose 161.) Test different channels within this range to find the optimal one for your setup.



6). Connect the transmitter again and test to see if the mirroring is stable.

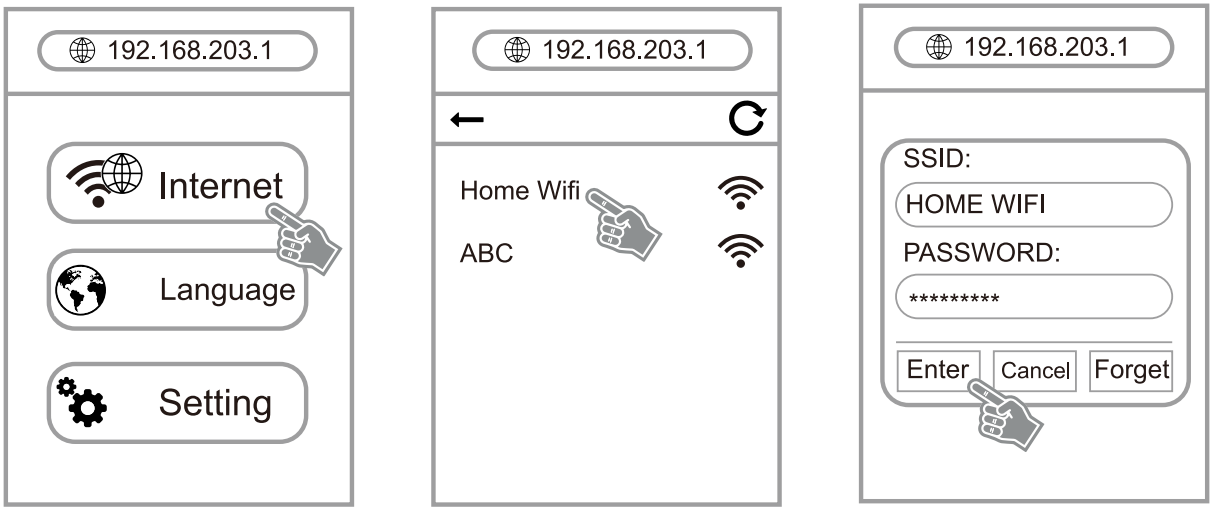
How to use receiver as a wireless display adapter?

1. Connect your home WIFI router

● When using it for the first time, please connect the device to your home WIFI router first

1. Click WIFI on your phone settings page, connect your phone to the Receiver's WI-FI. (Device name is RX-Bxxxxxxx, the default password is 12345678).

2. Turn on phone/pad browser, input 192.168.203.1, and enter the receiver settings page.



3. Click Internet, and select your home WIFI. Enter the password of your home WIFI and click "Enter".

● This function applies to iPhone/iPad/Android devices.

2-1. Android system - Operation Steps of Mirroring

1. Connect your iPhone to the same network as the receiver (same home router WIFI).

   * If the product fails to connect with same home router, please click WIFI in the phone settings page, and find the receiver hot spot and connect it. (RX-BXXXXXXX, password: 12345678)



2. Swipe the screen to enter the Apple Device Control Center.

- iPhone X or iPad with iPadOS 13 or later version: Swipe down from the top right corner of the screen.
- iPhone 8 or versions before iOS 11: Swipe up from the bottom of the screen.

3. Turn on "Screen Mirroring" and select "RX-BXXXXXXX" in the list.



- Depending on the version of the system, the icon of screen mirroring may be different.

For example:



2-2. Android system - Operation Steps of Mirroring

Method 1

1. Open the phone settings, and find the cast function of your phone.
2. Select the receiver "RX-Bxxxxxxx" as the target.

● The setting path of the cast function of different brands of phones/tablets:

◯ Huawei: Settings >Wireless Projection/Multi-screen Interactive

◯ Xiaomi: Settings > Connection & Sharing > Cast (Turn on cast)

◯ Samsung: Swipe screen from top to bottom - Smart View

◯ Lenovo: Settings - Display - Cast/Wireless Display

◯ Meizu: Settings - Display - Projection Screen

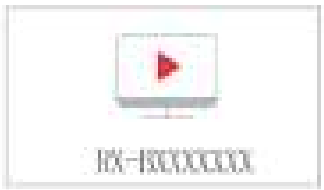
◯ Vivo: Settings - Other networks and connections - Smart Mirroring - Screen mirroring

◯ OPPO: Settings - Other Wireless Connections > Screencast

Method2 The steps to use Google Home (please confirm that the device is connected to your home WIFI router) (Please confirm that the product or mobile phone you purchased support the Google

1. Turn on the Android phone WIFI and confirm that the phone WIFI and the receiver are connected to the same WIFI router network.
2. Open Google home, wait for about 10 seconds, search for the device SSID (RX-BXXXXXXX) and click to achieve screen mirroring.

If can't find the receiver SSID, refresh the Google Home homepage, confirm that your home WiFi appears in the upper right corner of the gray screen, and also make sure that your Android phone is connected to the same network as the device, or restart your phone.



Description of the receiver settings page

If the language of the setting page is not your native language, please click item 4 to change the language.



1. Internet: Used for receiver to connect home WIFI router.
2. Device Name: This receiver’ s name: RX-AIMIBO
3. Wifi Password: This receiver’ s password:12345678
4. Display: The default is set to video
5. Resolution:Select resolution for receiver
6. Display mode:Change the ratio of the output screen
7. Wireless Channel: Change the channel to a less congested Wifi
8. Wallpaper: The default is set to ON
9. Portrait Mode: The default is set to 0
10. Language: Change the language to meet your need
11. EZAir Mode: The default is set to Auto
12. Auto play: The default is set to ON

You can find a video demonstrating how to connect phone to monitor by scanning the code below:

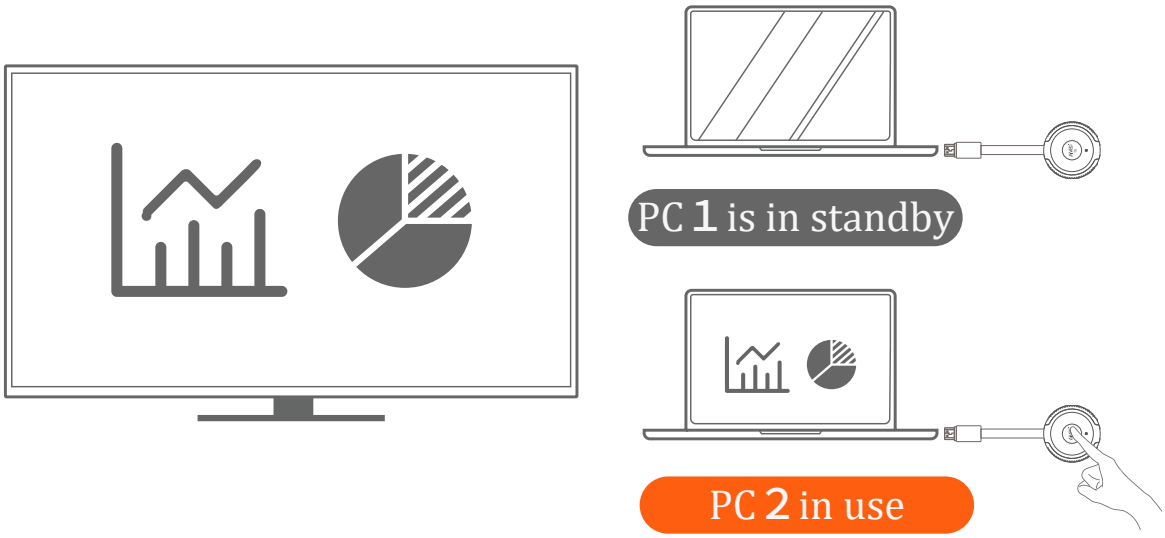
How to switch transmitters?

One receiver can be paired with up to 8 transmitters simultaneously. When multiple transmitters are paired, you can switch among them by clicking the function buttons of the transmitters.

1 Click the function key of the working Transmitter 1, and the screen of the Receiving end will return to the gray screen interface.



2 Click the function key of Transmitter 2, the interface of PC2 will be transmitted to the Receiver.



08 Troubleshooting

1. The wireless HDMI transmitter & receiver are not working properly.

Cause 1: The pairing between the transmitter and receiver has been disconnected.

Solution: Please re-pair the transmitter and receiver.

Cause 2: The antenna signal of the receiver is not being properly received.

Solution: Please reinsert the connection sequence of the receiver in the following order. First connect the cable with antenna to the RX and plug it into a power outlet using an adapter, then plug RX to HDMI input device.

Insufficient power supply.

Cause 3: Insufficient power supply.

Solution: Please try to connect to a power outlet through an adapter to power the transmitter and receiver separately.

Cause 4: The transmitter supports up to 1080P output. If the HDMI output device defaults to outputting 4K, the transmitter cannot normally transmit the picture.

Solution: Please modify the HDMI output device resolution to 1080 (computer, etc.).

2. Unable to pair, no SSID or password appeared on the gray screen interface.

Cause 1: The antenna signal of the receiver is not read normally.

Solution: Please reinsert the connection sequence of the receiver in the following order. First connect the cable with antenna to the RX and plug it into a power outlet using an adapter, then plug RX to HDMI input device.

Cause 2: Connect the wrong cable for receiver

Solution: Please make sure that the TX is plugged into the USB C charging cable, and the RX is plugged into the antenna & USB charging cable.

3. The screen frequently returns to the initial screen

Cause 1: The computer enters sleep mode.

Solution: Set the computer not to enter sleep mode.

Cause 2: Insufficient power supply.

Solution: Please try to connect to a power outlet through an adapter to power the transmitter and receiver.

4. Stop working, and then can be used after a period of time.

Cause 1: When using this product for a long time in an unstable power environment, the product temperature will be abnormal and overheat protection will be activated temporarily invalid.

Solution: Please try to connect to a power outlet through an adapter to power the transmitter and receiver separately to ensure stable power supply.

Cause 2: The connection port of household equipment has aged or failed.

Solution: Please connect other devices or HDMI interfaces for testing.

5. Stuttering occurs when playing videos.

Cause 1: Since this product uses a wireless transmission system, images/sounds may be interrupted due to wireless radio wave environment. When there are many wireless connections (such as Wi-Fi) nearby, channels in the same frequency band may become congested.

Solution: 1. Enter the receiver setting page (192.168.203.1) and try to select 5G and the farthest channel for improvement.

2. Ensure that the receiver's antenna is not obstructed by equipment or the TV. For better signal stability, please move the antenna away from behind the TV. The fewer obstacles between the transmitter and receiver antennas, the more stable the signal transmission will be.

6. Only transmit images, no sound.

Cause 1: This product only supports 2.0 stereo sound and does not support 2.1 stereo sound, 5.1 stereo sound, 7.1 stereo sound, Dolby Atmos sound.

Solution: Please check your audio settings on your output device. Change it to 2.0 stereo sound.

Cause 2: Modify the audio output source of the laptop.

Solution: Please enter laptop audio settings and select "RX-BF3AE0BF" as sound source output.

7. Unable to display in 4K

Cause 1: This product only supports mobile/tablet screen casting in 4K. If you use a transmitter for HDMI signal transmission, it only supports up to 1080P output.

Solution: Please modify your HDMI output device's resolution to 1080P (computer, cable box, etc.).

Cause 2: The resolution of the receiver is set at default factory setting at 1080P. You need to enter into receiver background settings to adjust resolution

Solution: 1. Use your phone's wifi settings to connect with receiver.

2. Open your phone's browser and enter into 192.168.203.1， to enter into receiver's setting page. Click【resolution】,choose【3840x2160p】

8. How to change language?

Solution: Please hold down on receiver for more than 10 seconds for initialization， then you can re-enter language selection page.

9. Why my screen is black?

Cause 1: RX was plugged to a wrong HDMI output port or choose a wrong HDMI channel.

Solution: 1. Please connect the RX to the HDMI port of your selected HDMI channel.

Solution: 2. If the HDMI port number and channel has no problem, please test the RX with the other monitor.

09 After-sales support

Our Warranty:

90 day
money back guarantee

366 day
free replacement

If you have any quality issue or operation issue, please kindly contact us to figure out the problem.

Email: support@aimibo.tv

Website: https://aimibo.tv

WhatsApp

FCC Warning Statement
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and the receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
RF Exposure Statement To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated at a minimum distance of 20cm from the radiator of your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

ISED Statement
English: This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesiredoperation of the device.
The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).
- French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils
radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes: (1) l'appareilne doit pas produire de brouillage, et (2) 'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.
l'appareil numérique du ciem conforme canadien peut 3 (b) / nmb 3 (b).
This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 F exposure, users can obtain Canadian information on F exposure and compliance.
cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 ducnr - 102 et conformité avec rss 102 de 'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et la conformité.
This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
Cet équipement est conforme aux limits d'exposition aux rayonnements du Canada établies pour un environnement non contrôlé.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
Cet équipement est conforme Canada limits d'exposition aux radiations dans un environnement non contrôlé.
The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
L'appareil destiné à fonctionner dans la bande 5150-5250 MHz est uniquement destiné àune utilisation en intérieur afin de ré