

Wireless Display Adapter Product Manual

Introduction

This product is a wireless display receiver. It supports AirPlay mirroring for Apple iOS and Mac systems, as well as Miracast standard protocol for Android and Windows systems, for synchronize screen on the display of mobile phones, tablets and notebooks to TV , projectors car screens and other big screens, enjoy the big screen fun. In addition it is also suitable for home multimedia applications and DLNA mode of network players. This product's "screen sharing" concept is suitable for home entertainment, business meetings, party sharing and other scenarios, and enjoy the beauty of big screen sharing. This manual will guide you to unlock the powerful functions of this product.

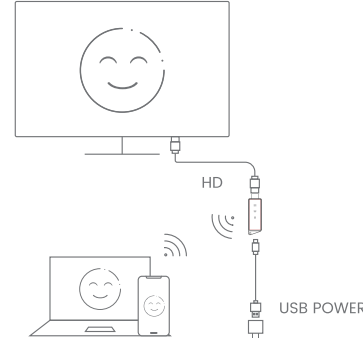
Package listing

Please check if the following supplies are included in the product package.

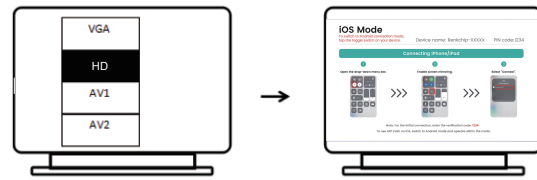
wireless display adapter	-----	x1
USB power cable	-----	x1
HD cable	-----	x1
User manual	-----	x1

Hardware installation

1. Connect the wireless display adapter to the HD port of the TV with an HD cable, and connect the USB port of the TV with a USB power cable. If the power supply of the TV USB interface is insufficient please use a minimum 5V/1A charger to supply power for the wireless display adapter.



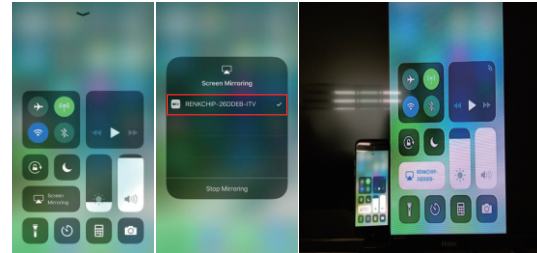
2. Adjust the TV signal source to the corresponding HD channel and you will see the boot screen of the display dongle.



IOS system mirroring function

Mirroring screen is the core function of this product, which is suitable for mobile phones and tablets of IOS8.0 and above.

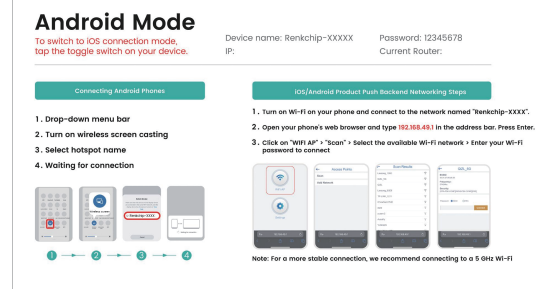
1. Keep the boot interface is in the IOS/MAC system dedicated mode interface.
2. As the picture shows, click the "screen mirroring" button, select and click the name of the Renkchip device, and you can successfully share the screen.



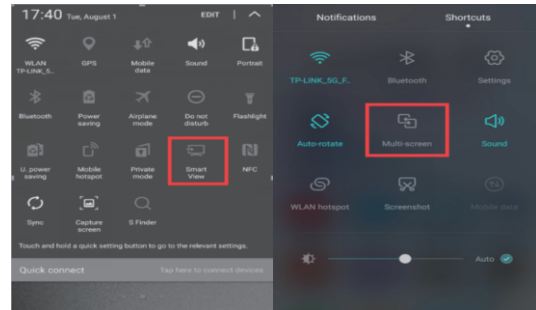
For Android system mirroring

The Mirroring mode is the core function of this product, which is suitable for mobile phones and tablets with Android 4.4 and above that support the Miracast protocol. The Mirroring mode is the core function of this product, which is suitable for mobile phones and tablets with Android 4.4 and above that support the Miracast protocol.

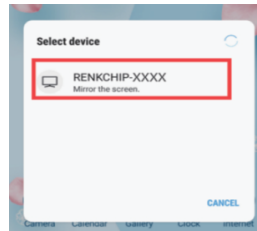
1. Please confirm that the product is in the dedicated interface of Android/Windows system. (press the switch button on the front of the device to switch to the dedicated interface for Android/Windows system)



2. Turn on the Miracast function on your Android device. There are common shortcut key operations, such as Samsung Smartview, Huawei multi-screen interaction. For models without shortcut keys generally go to Settings>More Connection Settings>Screen Mirroring or Settings>Display>Screen Casting, or Settings>WLAN>More Settings>Screen Mirroring.



3. Select the 'RENCCHIP-XXXX' device in the Miracast function, wait for a few seconds, and the phone screen will be automatically displayed on the TV after the connection is successful.



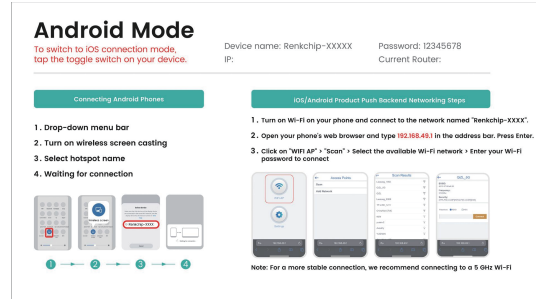
Notice:

Different Android devices have different Miracast names. Common names include screen sharing, wireless display, screen mirroring, etc; there are also differences in how to open it, Common in system settings menu Wi-Fi settings, wireless display, etc., or in the list of shortcut keys at the top of the screen. For details, please refer to the instruction manual of the mobile phone manufacturer.

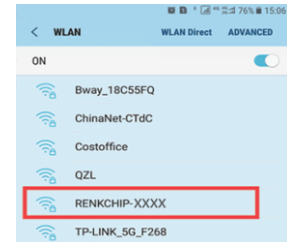
DLNA Function

To realize the DLNA function, firstly, you need to set up the network connection between the device and the router. This product is suitable for 2.4G&5G dual WiFi channels.

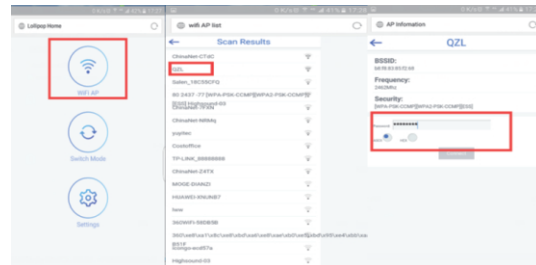
- ① Keep the boot interface in the Android/Windows system dedicated mode.



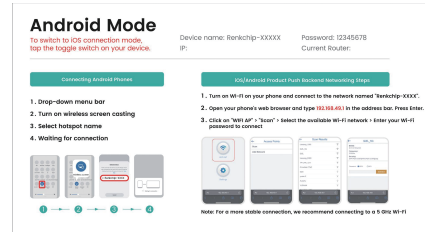
- ② Open the phone settings >>> Open WIFI >>> find the Renkchip-XXXX hotspot >> enter the password: 12345678.



- ③ After the phone is successfully connected to the hotspot, return to the main interface of the mobile phone, open the mobile phone browser, enter the URL 192.168.49.1, click "Enter" and click "SCAN", and wait the mobile phone search for the hotspots of the surrounding routers.



- ④ After searching for the surrounding routing signals, find your router name, click and enter the routing password. Wait for a while, the network connection is completed between the device and the router.



Notice:

1. In the DLNA mode, you only need to set up the network for the first time, after that, it will automatically connect to the WiFi that was connected for the first time after it is turned on.
2. Please set the device connected to the 5G wifi, because the 5G wifi experience is better.

How to use the DLNA function on Android phone and IOS phone

Open the mobile phone's audio and video APP, select the program source want to play, click the DLNA/Airplay screen projection button in the upper right corner of the video after playing, search for the "Renkchip-XXXX" and click to use the DLNA/Airplay playback.

Common fault analysis

- Q. There is no boot screen, the screen shows no signal.

A. Please check whether the HD port connected to the device is consistent with the HD port selected by the TV signal source, or replace another HD port for data transmission. When the USB power supply port of the TV cannot reach 5V/1A, please choose another power supply method.

- Q. After use mirroring mode, the screen freezes and delays.

A. Check whether the power supply is 5V/1A, and check whether the WiFi channel connected to the mobile phone is the same with the device. Or there is a certain interference in WiFi transmission, please stay away from microwave ovens, induction cookers and other household appliances that have interference. If the current WiFi environment is very noisy and the wireless signal interference is serious, please try to change the Wi-Fi channel of the router.

- Q. After the mirroring is completed, enter some video apps, there is sound but no video signal, and the screen tips the Airplay status.

A. Please completely close the APP in the background of the mobile phone, and then select the mirroring mode. After the mirroring is completed, open the video APP again.

- Q. The mobile phone system has been upgraded and this product cannot be used.

A. This product will also release a new version of the firmware for the mobile phone version upgrade. Just set the product connected to an available network, and the product will automatically download the new firmware and install it.

- Q. Unable to enter the IP address 192.168.49.1 of this product.

A. Please check whether the product is in Android/Windows mode, and whether the signal connection between the mobile phone WiFi and the product has been interrupted. Please ensure that the mobile phone is connected to the hotspot named RENCCHIP-XXXX, and then enter the browser and enter the IP address.

- Q. The signal of this product cannot be found in the mobile WiFi list.

A. Please check whether this product is in the Android/Windows mode. In IOS/MAC mode, the product will not transmit WiFi signals. Also, please confirm whether the power supply meets the specifications.

- Q. When using the laptop, it prompts "unable to connect" or "device does not respond". When using the laptop, it prompts "unable to connect" or "device does not respond".

A. Please check whether the power supply 5V/1A is in compliance with the specifications. The laptop needs to meet four conditions: Intel processor, Intel graphics, Intel wireless networker, Win8.1 and above systems.