



4K UHD Wireless Presentation Receiver

Model: WUHD-PRO



4K HDR WIRELESS DISPLAY RECEIVER

INTRODUCTION

WUHD-PRO is an ideal Wireless Presentation Solution for Bring Your Own Device (BYOD) meeting. Plug and play without apps and wires

It supports multiple platforms including Windows®, macOS®, Apple® iOS™ and Android™ operating systems for productive and flexible presentations. It enables anyone take a lead to share content effortlessly and seamlessly on master display.

With 2GB memory capacity of Quad core 1.5GHz processor. Provides a visual experience with highly efficient H.265 video coding, 200ms low latency and 4K HDR. A useful click button control design can mirror, start or stop the screen sharing anytime.

It can be implemented in huddle spaces and small to medium sized meeting rooms to provide a user-friendly experience: The compact design also makes it portable for business travelling.

FEATURES AND CONTENTS



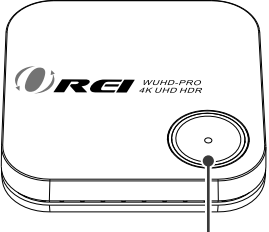
Features:

- Supports 4K Resolution up to 3840x2160@60Hz and HDR
- IEEE 802.11ac protocol dual band 2.4GHz/ 5GHz (Default : 5GHz)
- The maximum video transmission range : 100 feet (L.O.S)
- Low latency : 0.2 sec.max
- Supports H.265 compressing
- Type C port for powering
- Supports HDMI 2.0 , HDCP 2.2
- Plug and play , no APP required
- Multi-compatibility:
 - Supports Windows, macOS, Apple iOS and Android operating systems
 - Supports Miracast / Airplay / DLNA
- Click button to stop, pause, and resume projection
- 3.5mm Audio output





Package Contents:

- 1 x WUHD-PRO Receiver main unit
- 1 x USB-A to USB-C cable
- User Manual

CONNECTION & OPERATION

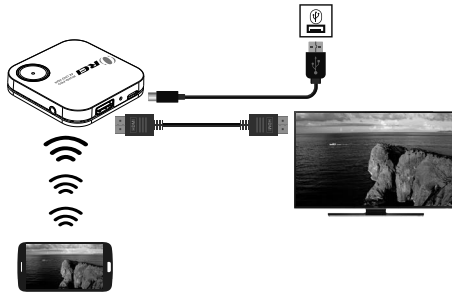
Top	I/O Description	LED Indication
	 <p>Audio out</p> <p>HDMI out</p> <p>DC in</p>	 <p>Main Button / LED</p>

RECEIVER LED STATUS

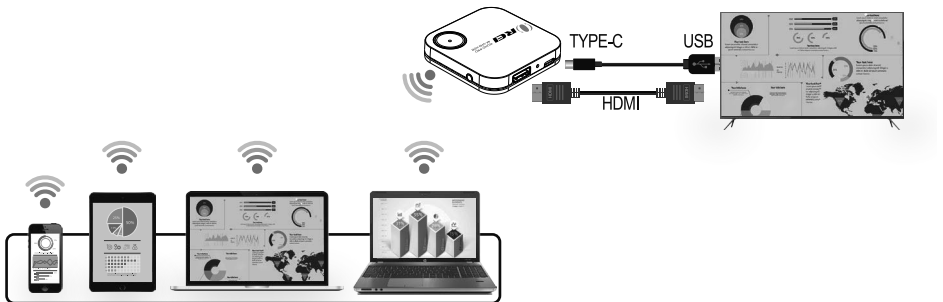
LED COLOR : RED		LED COLOR : BLUE	
	<p>Solid RED : Powered on</p>		<p>Solid BLUE : Connected and in projecting</p>
	<p>Flash RED : Standby and ready for connection</p>		<p>Flash BLUE : Pausing or stopping screen projection (mirroring)</p>

INSTALLATION

- Step 1. Use HDMI cable to connect the HDMI OUT of WUHD-PRO receiver to a display device.
- Step 2. Use USB power cable to connect USB-C Jack of WUHD-PRO and power it up by connecting the power adaptor (5V/1A, not included) or TV's USB port.



- Step 3. Connection completed .When the receiver and transmitter are ready simply press the main button on the transmitter to mirror your device. Single click for mirror or pause/ stop mirroring Long press for 3 second to disconnect Wifi.



•Supports iOS / Android / MAC / Windows system for PC, notebooks, tablets and smart phones.

Notice:

If the USB powering cable is not long enough, please use own USB Power Adaptor cable to ensure the connection

Receiver Operation

Main Button (Click button)	LED ON	LED Flash
Single click	Mirror (LED:BLUE)	Pause Mirroring (LED:BLUE)
Hold for 3 seconds	Disconnect WiFi (LED:RED)	System Reset (LED:RED)

MAIN SCREEN OF RX

When WUHD-PRO is successfully turned on, the home screen will be shown on display.



* *Outbound link can select only one of Wi-Fi (WLAN).*

SETUP SCREEN MIRRORING WITH MOBILE DEVICES FOR RECEIVER

The receiver is connected to a screen or projector via HDMI for a wireless presentation. You can cast your content via WiFi display.

Use your device's own built-in screen mirroring function. Connect with WUHD-PRO with SSID & Password on directly. (SSID and Password will be shown on home screen)

1. SSID: Selecting the SSID **WFD5000-xxxxxx** in the device's Wi-Fi list.
2. Password: Entering the password **xxxxxxxx** to connect your device with WUHD-PRO Receiver.



WEB SETTING

***WUHD-PRO IP-** Devices (either laptops or mobile phones) connect with WUHD-PRO with SSID & Password first, applying the IP in web browser can enter Admin setting page for more advance setting.

1. Preparation-

To access the setting page, you have to choose either way to connect the devices.

1.1 Direct link- you can apply notebook or mobile phone to search WUHD-PRO by wifi and key in relative SSID and Password.

1.2 Through Wifi AP or Routers- if your WUHD-PRO has been connected to a certain networking device, you can apply notebook or mobile phone to connect the same device. **Entering the IP address 192.168.203.1 to your browser's URL bar → Internet → choose a local Wi-Fi network to access the internet**



2. Menu Settings:

- .Internet**
- .Resolution**
- .Language**
- .Password**
- .Device Name**
- .WiFi Channel**
- .EZChannel**
- .Wallpaper**
- .Ezair**
- .Power Saving**
- .Upgrade**
- .Pair with EZcast TX**
- .Reboot**
- .Reset to factory default**

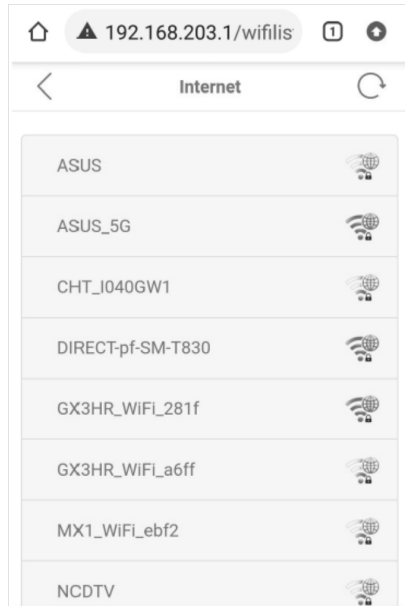


3. Internet Setting:

Connect the outbound Wi-Fi router.

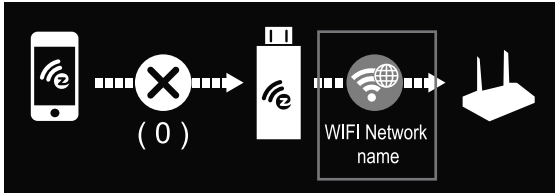
Click internet, WUHD-PRO will search the available WIFI automatically.

Choose the WIFI you would like to connect and enter password.



Setup for iOS (iPhone, iPad, iPod)

1. Wait for WUHD-PRO home screen after powering on and ready for connection.
2. WUHD-PRO displays its own SSID & Password on the home screen.
3. Connect your iOS device with WUHD-PRO WiFi
 - (1) SSID: Selecting the SSID WFD5000-xxxxxx in the device's Wi-Fi list
 - (2) Password: Entering the password xxxxxxxx to connect your device with WUHD-PRO Receiver.
4. Once connected, launch the browser on IOS device and enter IP 192.168.203.1 to open up the setting portal. Navigate to WiFi settings and connect the WUHD-PRO with your home WiFi network. (Enter your own local/home network password)
5. Once WUHD-PRO is successfully connected with your home WiFi network, you can confirm the connection by checking the Wi-Fi icon at the top left of home screen. The icon will light up WUHD-PRO connection to external Wi-Fi.



6. Swipe up on your iOS device and tap on Airplay Mirroring, then select WUHD-PRO (SSID) as target. Your iOS device's screen will be shown on your TV through WUHD-PRO receiver.

Note :

You may skip step 4 & 5 if your device can use Wifi and mobile Data 4G (cellular network) simultaneously or you don't need internet access.

Setup for Android Devices

Following above Step 1-5

Step 6. On your Android Device, open settings and look for Wireless Display or Miracast function & enable it. Select WUHD-PRO (SSID) as target and wait for connection.

Your Android Screen will be shown on your TV through WUHD-PRO receiver.

For Google pixel :

1. Turning off 4G connection on your phone.
2. Go to mobile setting → Wi-fi → connect your WUHD-PRO device with SSID & Password shown on home screen.
3. Please set up WUHD-PRO and your Google pixel phone under the same Wi-Fi Net work.


Enter the IP address 192.168.203.1 to your browser's URL bar → Internet → choose a local Wi-Fi network to access the internet.

4. Go to Cast option inside of Quick Settings → tap cast (or called Google Cast)

Note :

- The connection between WUHD-PRO and your device may be disconnected when WUHD-PRO connects to Local/Home WiFi network instead. Please connect again when this happens.
- WUHD-PRO can only mirror one device at a time, once the current device stops mirroring, then the other device can be connected.
- Different brands of Android phone/ tablet call the wireless display function differently, could be Smart View on Samsung's, Screencast on Oppo's, google cast, cast Screen etc, users may need to check casting setting on their devices in order to work with WUHD-PRO.
- This product DON'T support with some Subscribed paid Apps which have "HDCP" video copyrights protection like Netflix, Amazon prime videos, Hulu, Comcast tv, DIRECTV, Xfinity, Vudu, etc..
- Compatible with: IOS 12.0+, Window 10+ , Android 7.0 + (must be Miracast enabled), Mac OS X 10.14 or above.

TROUBLE SHOOTING

No.	Problem	Solution
1.	No video output	<ul style="list-style-type: none"> •Make sure all cables are firmly inserted into the input/output ports. •Try use another HDMI cable.
2.	Receiver failed to start up or turns on and off repeatedly	<ul style="list-style-type: none"> •Check the power supply. The Receiver requires a USB 5 V above 0.9 A power to start up. Connection to a USB 3.0 port or other USB power adapters is recommended for sufficient power.
3.	Poor Wi-Fi connectivity	<ul style="list-style-type: none"> •Please try to minimize interference from other wireless device or heavy power consumption house ware (ex. Wi-Fi Router, Microwave, air conditioner etc.) <p>Do not connect too many devices to your home router when streaming or mirroring for optimum viewing experience.</p>
4.	Cannot pause screen mirroring temporarily by single click on main button	<ul style="list-style-type: none"> •Some external displays (monitor or projectors) are not able to display signal in HDMI hot plug detection (HPD) format. <p>It may not be able to operate pause projection function or may take longer time to execute pause command.</p> <p>It is recommended to tap stop mirroring on your phone or turn off mirroring on computer directly.</p>
5.	Once the cell phone, tablet or computer has connection to the WUHD-PRO, it gets knocked out of the internet	<ul style="list-style-type: none"> •Please connect your phone, tablet or computer and WUHD-PRO devices to the same Wi-Fi network. This way user can mirror their content to display via WUHD-PRO and also able to access web at same time. <p>-If connection fails, please try to turn off the 4G connection on your phone before setting WUHD-PRO and your phone to the same wifi network.</p>
6.	Cannot Join corporate WiFi network for internet access	<p>Please contact your IT department to look at network firewall rules or router setting and allow the “MAC address” of the WUHD-PRO receiver device.</p> <p><u>Get Mac address from i-phone :</u></p> <p>Setting →Wi-Fi→ click  alongside internet icon of WUHD-PRO (SSID on home screen)</p> <p>Then you can see Wi-Fi address is your Mac address.</p>

SPECIFICATION

Output Resolution	3840x2160@60Hz
I/O	Input : USB-C (Power input) ; Output : HDMI / Audio
WiFi	802.11ac
WiFi Frequency	5Ghz: 5.150Ghz~5.825Ghz (Default)
Power	DC 5V, 0.9A
HDMI/HDCP	HDMI 2.0 / HDCP 2.2
LED Indication	Power, Cast status
Key	Reset button
Power Consumption	5W max.

NOTICE

- Manufacturer reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.
- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.
- WUHD-PRO incorporates HDMI® technology and Soft App powered by EZcast.
- Apple, the Apple logo, AIRPLAY, Mac OS are trademarks of Apple inc.
- Android is a trademark of Google Inc.
- Windows, the Windows logo, and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries

FCC STATEMENT

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.

NOTE: 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 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.