

QuattroPod Spec



Rev. 1.01

Revision	History	Date
V1.00	Initial Release	2018/Sep.
V1.01	Correct I/O description	2019/Apr.

Introduction

Firstly, thanks for choosing QuattroPod as wireless presentation facility. It integrates powerful dual core SoC and advanced 802.11ac 5G WiFi to provide you the a smooth wireless display experience, and it supports almost all devices. Our features not only support “Split Screens Display”, “ Host Control System” but also let cross platform devices throw the contents in APP-independence. It provides a more friendly and efficient environment for BYOD (Bring Your Own Devices) with wireless projection in legacy/ existing projectors or monitors you have! Enjoy them and help you to achieve more collaboration!

System Requirement:

-PC: Any PC or laptops with HDMI output or DP with Dual mode (DP++) support

-Tablet/SmartPhone: iOS 9 above and Android 5.0 above

***Important: Android device must turn ADB mode in advance**

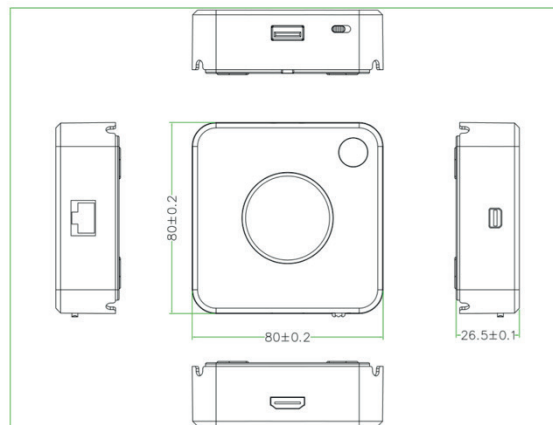
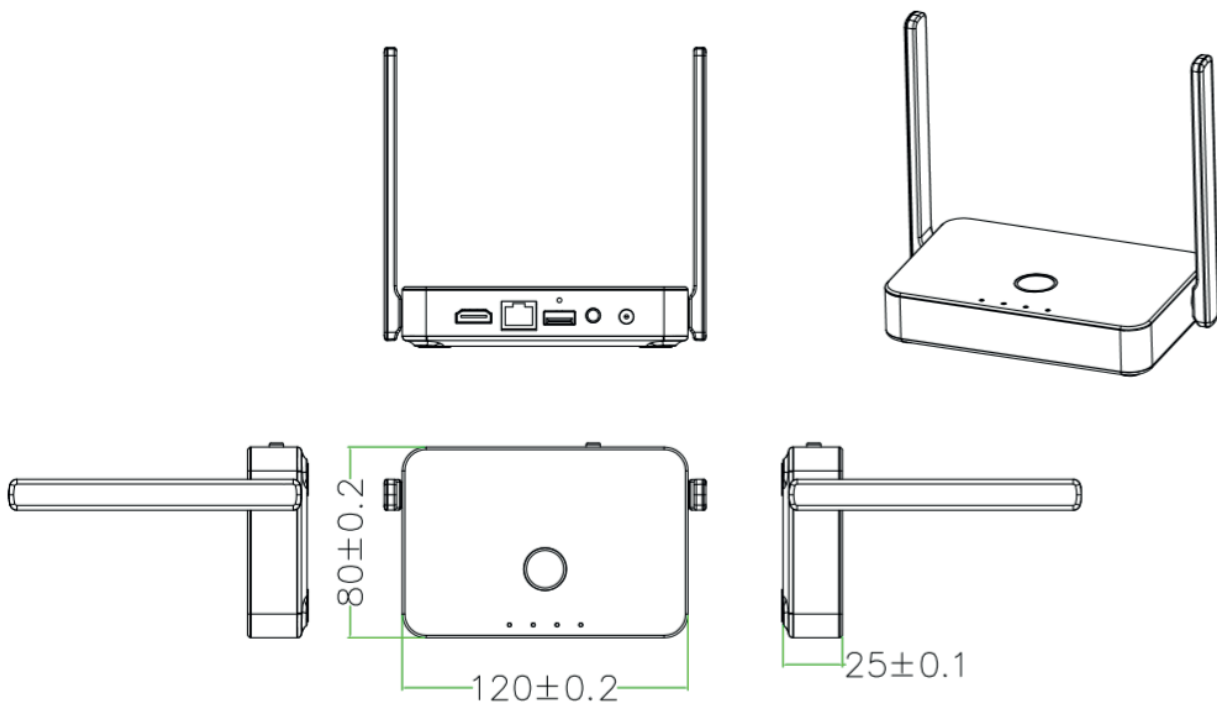
Receiver (R01) Spec:

CPU	ARM based RISC
DRAM	DDR3 1GB
Flash	NAND Flash 512MB
Output Resolution	<ul style="list-style-type: none">● 4096x2160@24hz● 3840x2160@30hz● 3840x2160@25hz● 3840x2160@24hz● 1920x1080@60Hz● 1280x720@60hz● 1920x1080@50Hz● 1920x1080@24Hz● 1280x720@50hz
I/O	<ul style="list-style-type: none">● HDMI out (HDMI1.4)● USB type A (USB 2.0)● DC 5V● Ethernet
WiFi	802.11ac 2T2R, max. bandwidth 866Mbps (5Ghz)
WiFi Frequency	5Ghz: 5.150Ghz~5.825Ghz
Power	DC 5V, 2A
HDCP	HDCP1.4
Ethernet	10/100/1000M, support POE
LED Indication	Power, Ethernet, WiFi status, USB
Key	Reset button and Sync button
Power Consumption	<ul style="list-style-type: none">● Standby: 5W approx.● Casting: 10W approx.
Working Temp.	0~40°C
Storage Temp.	-20~70°C

Transmitter (T01) Spec:

CPU	ARM based RISC
DRAM	DDR3 256MB
Flash	NAND Flash 256MB
Input Resolution	<ul style="list-style-type: none">● 3840x2160@60hz (HDMI only)● 3840x2160@30hz● 4096x2160@60hz (HDMI only)● 4096x2160@30hz● 1920x1080@60Hz● 1920x1080i@60Hz● 1280x720@60hz● 1280x720@50hz● 1920x1080@30Hz● 1920x1080@50Hz● 1920x1080i@50Hz
I/O	<ul style="list-style-type: none">● HDMI in● DP in● USB type A male● USB type A female● Ethernet
Ethernet	10/100/1000M, support POE
WiFi	802.11ac 1T1R, max. bandwidth 433Mbps (5Ghz)
WiFi Frequency	5Ghz: 5.150Ghz~5.825Ghz
Power	DC 5V, 1A
HDCP	HDCP1.4
LED Indication	Power, WiFi status, Connection
Key	Mirror and Control button
Switch	USB host and slave mode switch
Power Consumption	<ul style="list-style-type: none">● Standby: 2W approx.● Casting: 5W approx.
Working Temp.	0~40°C
Storage Temp.	-20~70°C

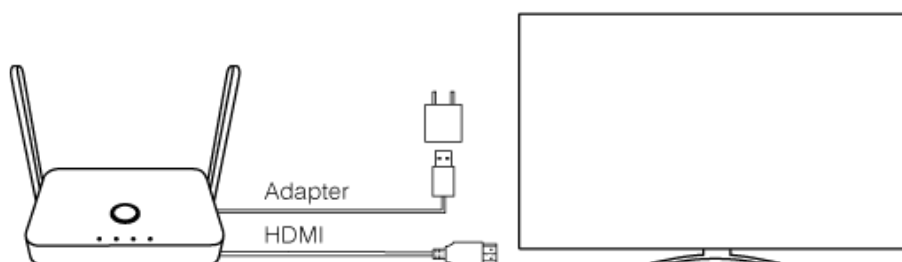
Dimension:



Installation Guide:

QuattroPod RX:

1. Connect Power with the adaptor
2. Connect HDMI with HDMI port with the projectors or displays.



*Notice: Rx is compatible with VESA mounting screw holes. Please use the 5x5 bracket and M4 screws.

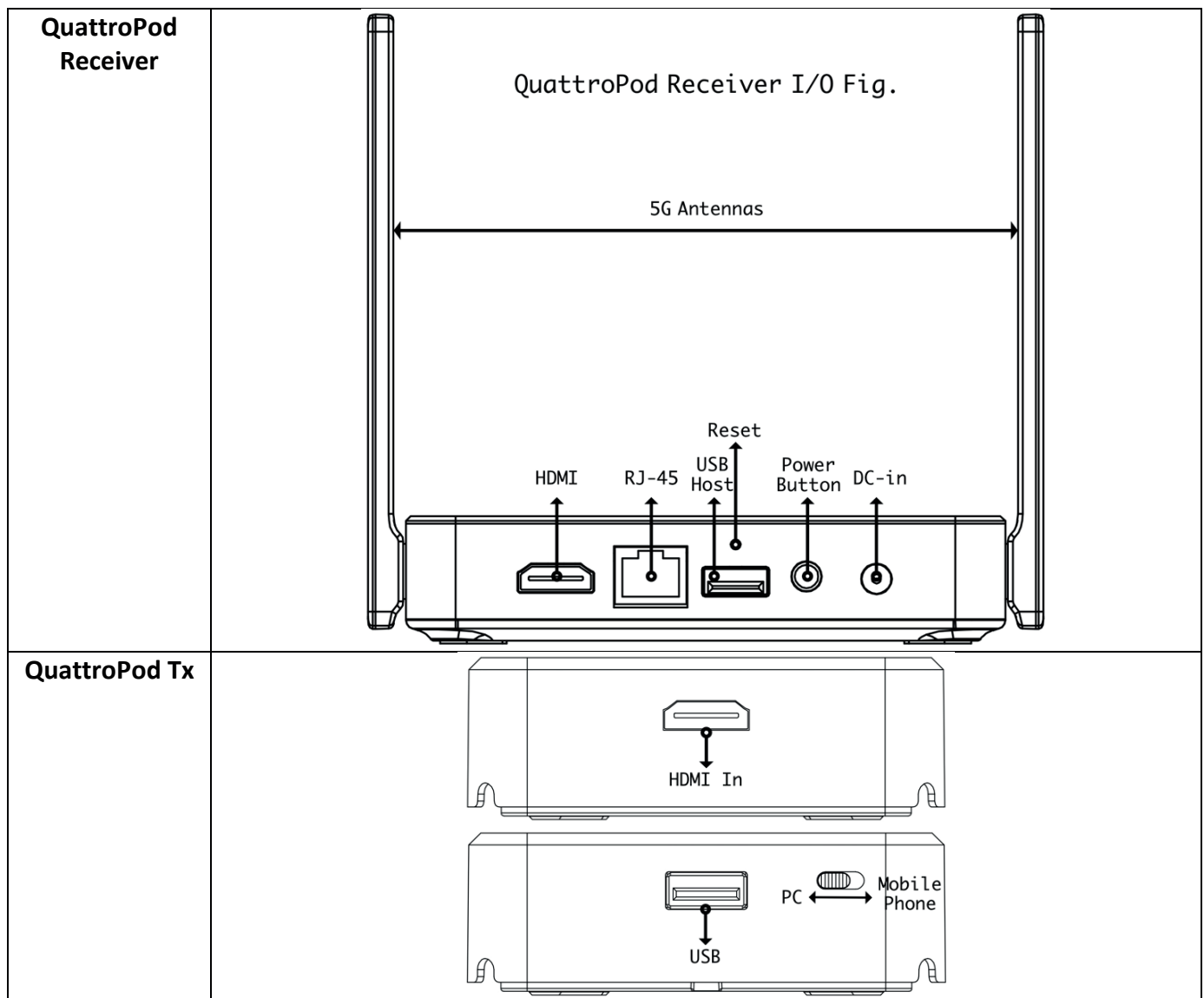
*Due to WiFi signal requires enough space, please DO NOT block the antenna or mount it behind of TV/Panel.

QuattroPod TX:

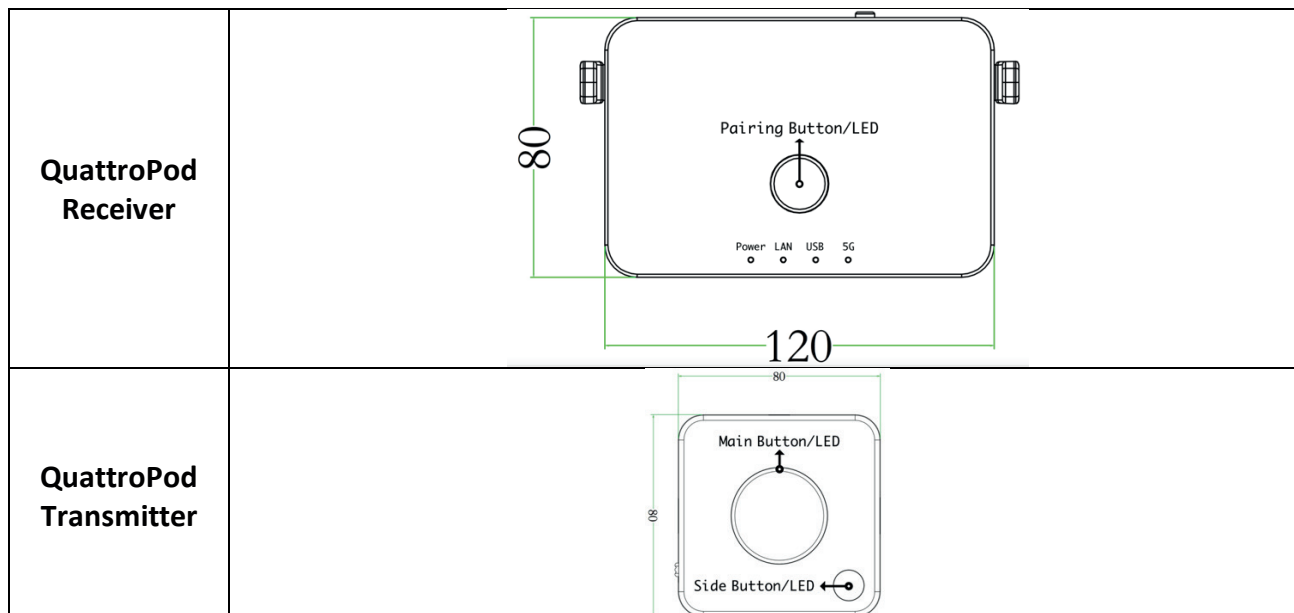
1. Plug USB 5V(required 1A above), through adaptors or USB ports of laptops (recommend USB3.0)
2. Connect HDMI port with PC

*Notice: If the HDMI cable is not long enough, please use extension cable to ensure the connection

I/O Descriptions:



LED Indication:



WiFi Channel Table (5Ghz, 20Mhz):

Band range	Operating Channel Numbers	Channel center frequencies(MHz)
5180 MHz~5240MHz	36	5180
	40	5200
	44	5220
	48	5240
5260MHz~5320MHz	52	5260
	56	5280
	60	5300
	64	5320
5550MHz~5700MHz	100	5500
	104	5520
	108	5540
	112	5560
	116	5580
	120	5600
	124	5620
	128	5640
	132	5660
	136	5680
5745MHz~5825MHz	140	5700
	149	5745
	153	5765
	157	5785
	161	5805
	165	5825

Rx's WiFi RF Parameters (5GHz):

Feature	Description
WLAN Standard	IEEE 802.11ac 2x2, WiFi compliant
Frequency Range	4.900 GHz ~ 5.845 GHz (5.0 GHz ISM Band)
Number of Channels	5.0GHz : Please see the table ¹
Output Power	802.11a /54Mbps : 13 dBm ± 1.5 dB @ EVM ≤ -25dB
	802.11n /MCS7 : 12 dBm ± 1.5 dB @ EVM ≤ -28dB
	802.11ac /MCS9 : 10 dBm ± 1.5 dB @ EVM ≤ -32dB
SISO Receive Sensitivity (11a,20MHz) @10% PER	- 6Mbps PER @ -88 dBm, typical
	- 9Mbps PER @ -87 dBm, typical
	- 12Mbps PER @ -86 dBm, typical
	- 18Mbps PER @ -83 dBm, typical
	- 24Mbps PER @ -80 dBm, typical
	- 36Mbps PER @ -77 dBm, typical
	- 48Mbps PER @ -72 dBm, typical
	- 54Mbps PER @ -70 dBm, typical
MIMO Receive Sensitivity (11a,20MHz) @10% PER	- 6Mbps PER @ -90 dBm, typical
	- 9Mbps PER @ -89 dBm, typical
	- 12Mbps PER @ -88 dBm, typical
	- 18Mbps PER @ -86 dBm, typical
	- 24Mbps PER @ -83 dBm, typical
	- 36Mbps PER @ -80 dBm, typical
	- 48Mbps PER @ -75 dBm, typical
	- 54Mbps PER @ -71 dBm, typical
SISO Receive Sensitivity (11n,20MHz) @10% PER	- MCS=0 PER @ -88 dBm, typical
	- MCS=1 PER @ -85 dBm, typical
	- MCS=2 PER @ -83 dBm, typical
	- MCS=3 PER @ -80 dBm, typical
	- MCS=4 PER @ -76 dBm, typical
	- MCS=5 PER @ -71 dBm, typical
	- MCS=6 PER @ -70 dBm, typical
	- MCS=7 PER @ -68 dBm, typical
MIMO Receive Sensitivity (11n,20MHz) @10% PER	- MCS=0 PER @ -89 dBm, typical
	- MCS=1 PER @ -88 dBm, typical
	- MCS=2 PER @ -86 dBm, typical
	- MCS=3 PER @ -83 dBm, typical

	- MCS=4 PER @ -79 dBm, typical
	- MCS=5 PER @ -74 dBm, typical
	- MCS=6 PER @ -73 dBm, typical
	- MCS=7 PER @ -71 dBm, typical
	- MCS=8 PER @ -88 dBm, typical
	- MCS=15 PER @ -68 dBm, typical
SISO Receive Sensitivity (11n,40MHz) @10% PER	- MCS=0 PER @ -85 dBm, typical
	- MCS=1 PER @ -82 dBm, typical
	- MCS=2 PER @ -80 dBm, typical
	- MCS=3 PER @ -77 dBm, typical
	- MCS=4 PER @ -73 dBm, typical
	- MCS=5 PER @ -69 dBm, typical
	- MCS=6 PER @ -67 dBm, typical
MIMO Receive Sensitivity (11n,40MHz) @10% PER	- MCS=0 PER @ -87 dBm, typical
	- MCS=1 PER @ -85 dBm, typical
	- MCS=2 PER @ -83 dBm, typical
	- MCS=3 PER @ -80 dBm, typical
	- MCS=4 PER @ -76 dBm, typical
	- MCS=5 PER @ -72 dBm, typical
	- MCS=6 PER @ -70 dBm, typical
	- MCS=7 PER @ -69 dBm, typical
	- MCS=8 PER @ -85 dBm, typical
- MCS=15 PER @ -66 dBm, typical	
SISO Receive Sensitivity (11ac,20MHz) @10% PER	- MCS=0, NSS1 PER @ -86 dBm, typical
	- MCS=1, NSS1 PER @ -84 dBm, typical
	- MCS=2, NSS1 PER @ -82 dBm, typical
	- MCS=3, NSS1 PER @ -79 dBm, typical
	- MCS=4, NSS1 PER @ -75 dBm, typical
	- MCS=5, NSS1 PER @ -70 dBm, typical
	- MCS=6, NSS1 PER @ -69 dBm, typical
	- MCS=7, NSS1 PER @ -68 dBm, typical
- MCS=8, NSS1 PER @ -64 dBm, typical	
MIMO Receive Sensitivity (11ac,20MHz) @10% PER	- MCS=0, NSS1 PER @ -88 dBm, typical
	- MCS=1, NSS1 PER @ -87 dBm, typical
	- MCS=2, NSS1 PER @ -85 dBm, typical
	- MCS=3, NSS1 PER @ -82 dBm, typical
	- MCS=4, NSS1 PER @ -78 dBm, typical

	- MCS=5, NSS1 PER @ -73 dBm, typical
	- MCS=6, NSS1 PER @ -72 dBm, typical
	- MCS=7, NSS1 PER @ -71 dBm, typical
	- MCS=8, NSS1 PER @ -67 dBm, typical
	- MCS=0, NSS2 PER @ -87 dBm, typical
	- MCS=8, NSS2 PER @ -63 dBm, typical
SISO Receive Sensitivity (11ac,40MHz) @10% PER	- MCS=0, NSS1 PER @ -84 dBm, typical
	- MCS=1, NSS1 PER @ -81 dBm, typical
	- MCS=2, NSS1 PER @ -79 dBm, typical
	- MCS=3, NSS1 PER @ -76 dBm, typical
	- MCS=4, NSS1 PER @ -73 dBm, typical
	- MCS=5, NSS1 PER @ -68 dBm, typical
	- MCS=6, NSS1 PER @ -67 dBm, typical
	- MCS=7, NSS1 PER @ -66 dBm, typical
	- MCS=8, NSS1 PER @ -61 dBm, typical
	- MCS=9, NSS1 PER @ -60 dBm, typical
MIMO Receive Sensitivity (11ac,40MHz) @10% PER	- MCS=0, NSS1 PER @ -86 dBm, typical
	- MCS=1, NSS1 PER @ -84 dBm, typical
	- MCS=2, NSS1 PER @ -82 dBm, typical
	- MCS=3, NSS1 PER @ -79 dBm, typical
	- MCS=4, NSS1 PER @ -76 dBm, typical
	- MCS=5, NSS1 PER @ -71 dBm, typical
	- MCS=6, NSS1 PER @ -70 dBm, typical
	- MCS=7, NSS1 PER @ -69 dBm, typical
	- MCS=8, NSS1 PER @ -64 dBm, typical
	- MCS=9, NSS1 PER @ -63 dBm, typical
	- MCS=0, NSS2 PER @ -84 dBm, typical
	- MCS=9, NSS2 PER @ -60 dBm, typical
	SISO Receive Sensitivity (11ac,80MHz) @10% PER
- MCS=1, NSS1 PER @ -78 dBm, typical	
- MCS=2, NSS1 PER @ -76 dBm, typical	
- MCS=3, NSS1 PER @ -72 dBm, typical	
- MCS=4, NSS1 PER @ -69 dBm, typical	
- MCS=5, NSS1 PER @ -66 dBm, typical	
- MCS=6, NSS1 PER @ -64 dBm, typical	
- MCS=7, NSS1 PER @ -62 dBm, typical	
- MCS=8, NSS1 PER @ -58 dBm, typical	
- MCS=9, NSS1 PER @ -56 dBm, typical	

MIMO Receive Sensitivity (11ac,80MHz) @10% PER	- MCS=0, NSS1 PER @ -82 dBm, typical
	- MCS=1, NSS1 PER @ -81 dBm, typical
	- MCS=2, NSS1 PER @ -79 dBm, typical
	- MCS=3, NSS1 PER @ -75 dBm, typical
	- MCS=4, NSS1 PER @ -72 dBm, typical
	- MCS=5, NSS1 PER @ -69 dBm, typical
	- MCS=6, NSS1 PER @ -67 dBm, typical
	- MCS=7, NSS1 PER @ -65 dBm, typical
	- MCS=8, NSS1 PER @ -61 dBm, typical
	- MCS=9, NSS1 PER @ -60 dBm, typical
	- MCS=0, NSS2 PER @ -80 dBm, typical
	- MCS=9, NSS2 PER @ -56 dBm, typical
Maximum Input Level	802.11a/n : -30 dBm
Antenna Reference	Small antennas with 0~2 dBi peak gain

Tx's WiFi Parameters(5Ghz)

Feature	Description
WLAN Standard	IEEE 802.11a/n/ac, Wi-Fi compliant
Frequency Range	5.125 GHz ~ 5.845 GHz (5.0 GHz ISM Band)
Number of Channels	5.0GHz : Band1~Band4, please see the table 1
Modulation	802.11a/n : 64-QAM, 16-QAM, QPSK, BPSK 802.11ac : 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK
Output Power	802.11a /64-QAM(R=3/4) : 14 dBm ± 1.5 dB @ EVM ≤ -25dB
	802.11n /64-QAM(R=5/6) : 13 dBm ± 1.5 dB @ EVM ≤ -28dB
	802.11ac/256-QAM(R=3/4) : 13 dBm ± 1.5 dB @ EVM ≤ -30dB
	802.11ac/256-QAM(R=5/6) : 11 dBm ± 1.5 dB @ EVM ≤ -32dB
Receive Sensitivity (11a, 20MHz) @10% PER	- 6Mbps PER @ -85 dBm, typical
	- 9Mbps PER @ -83 dBm, typical
	- 12Mbps PER @ -82 dBm, typical

	- 18Mbps PER @ -80 dBm, typical
	- 24Mbps PER @ -76 dBm, typical
	- 36Mbps PER @ -73 dBm, typical
	- 48Mbps PER @ -68 dBm, typical
	- 54Mbps PER @ -67 dBm, typical
Receive Sensitivity (11n,20MHz) @10% PER	- MCS=0 PER @ -85 dBm, typical
	- MCS=1 PER @ -83 dBm, typical
	- MCS=2 PER @ -80 dBm, typical
	- MCS=3 PER @ -77 dBm, typical
	- MCS=4 PER @ -73 dBm, typical
	- MCS=5 PER @ -69 dBm, typical
	- MCS=6 PER @ -67 dBm, typical
Receive Sensitivity (11n,40MHz) @10% PER	- MCS=0 PER @ -83 dBm, typical
	- MCS=1 PER @ -80 dBm, typical
	- MCS=2 PER @ -78 dBm, typical
	- MCS=3 PER @ -75 dBm, typical
	- MCS=4 PER @ -72 dBm, typical
	- MCS=5 PER @ -67 dBm, typical
	- MCS=6 PER @ -66 dBm, typical
Receive Sensitivity (11ac,20MHz) @10% PER	- MCS=0 PER @ -86 dBm, typical
	- MCS=1 PER @ -84 dBm, typical
	- MCS=2 PER @ -81 dBm, typical
	- MCS=3 PER @ -77 dBm, typical
	- MCS=4 PER @ -74 dBm, typical
	- MCS=5 PER @ -70 dBm, typical
	- MCS=6 PER @ -68 dBm, typical
	- MCS=7 PER @ -67 dBm, typical
	- MCS=8 PER @ -63 dBm, typical
Receive Sensitivity (11ac,40MHz) @10% PER	- MCS=0 PER @ -83 dBm, typical
	- MCS=1 PER @ -79 dBm, typical
	- MCS=2 PER @ -77 dBm, typical
	- MCS=3 PER @ -74 dBm, typical
	- MCS=4 PER @ -71 dBm, typical
	- MCS=5 PER @ -66 dBm, typical
	- MCS=6 PER @ -64 dBm, typical

	- MCS=7	PER @ -62 dBm, typical
	- MCS=8	PER @ -60 dBm, typical
	- MCS=9	PER @ -59 dBm, typical
Receive Sensitivity (11ac,80MHz) @10% PER	- MCS=0	PER @ -80 dBm, typical
	- MCS=1	PER @ -77 dBm, typical
	- MCS=2	PER @ -75 dBm, typical
	- MCS=3	PER @ -71 dBm, typical
	- MCS=4	PER @ -68 dBm, typical
	- MCS=5	PER @ -66 dBm, typical
	- MCS=6	PER @ -62 dBm, typical
	- MCS=7	PER @ -60 dBm, typical
	- MCS=8	PER @ -57 dBm, typical
	- MCS=9	PER @ -56 dBm, typical

Port usage

1. Airplay:

Port Number	Type	Protocol	RFC	Used by
80	TCP	HTTP	2616	AirPlay
443	TCP	HTTPS	-	AirPlay
554	UDP / TCP	RTSP	2326	AirPlay
3689	TCP	DAAP	-	iTunes Music Sharing / AirPlay
5297	TCP	-	-	Bonjour
5289	TCP / UDP	-	-	Bonjour
5353	UDP	MDNS	-	Bonjour / AirPlay
49159	UDP	MDNS (Windows)	-	Bonjour / AirPlay
49163	UDP	MDNS (Windows)	-	Bonjour / AirPlay

2. Quattro Tx↔Rx:

2.1 Port 2425

2.2 Port 63630

3. Web Setting Http server:

3.1 Port 80














3.2 Port 8080

4. FW OTA:

4.1 Port 80

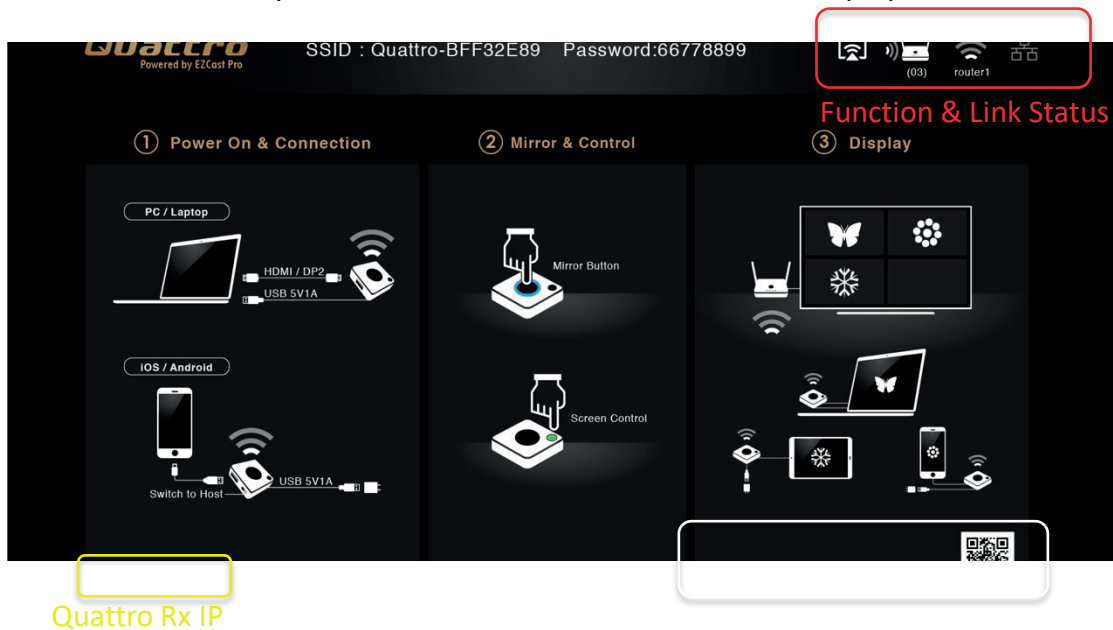
4.2 Port 443

T02 LED Status list

	Activate Host without source input		Activate Guest without source input	
	Activate Host & in projecting			Host received request of projection
	Guest standby without projecting		Host standby without projecting	
	Guest send request of projection and wait for allow		<ol style="list-style-type: none"> 1. Under connection 2. Pairing/TX OTA 3. Fail to connection (blinking over 1minutes) 	
	Activate Guest & in projecting		Pairing done	
	TX OTA Complete		TX OTA Fail	













Main Screen of Rx

When Quattro RX is successfully turned on, the screen will be shown on display-



Icons Description for Function & Link Status

* **Outbound link can select only one of Wi-Fi and RJ45 wire line (LAN).**

	Airplay activated after web setting. (Default is off)
	Quattro RX has been powered on, however, there is neither Quattro TX nor device linked.
	Shift in 3, which means “under pairing” or “building the connection”.
	Complete pairing or connection, the number showed total Quattro TX or Device linked.
	RJ45 wire line disconnected.
	Shift in 3, which means “building the connection”.
	RJ45 wire line connected and IP acquired
	IP conflict or other network error.
	Outbound Wi-Fi disconnected.
	Shift in 3, outbound Wi-Fi is connecting.
	Outbound Wi-Fi connected with the router name shown underline.
	Wi-Fi connection Fail, Invalid password or other Errors

Web Setting

Quattro RX IP- when Devices (either laptops or mobile phones) connect with Quattro RX with SSID & Password directly, 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 Quattro RX by wifi and key in relative SSID and Password. Turn on web browser and enter “192.168.168.1” in the address bar.
- 1.2 Through Wifi AP or Routers- if your Quattro RX has been connected to a certain networking device, you can apply notebook or mobile phone to connect the same device. Turn on web browser and enter the address show in mainpage in the Quattro Rx IP shown below.



After connecting to Rx and open the IP, the page will show as below-



Please select 2 icons for more features:

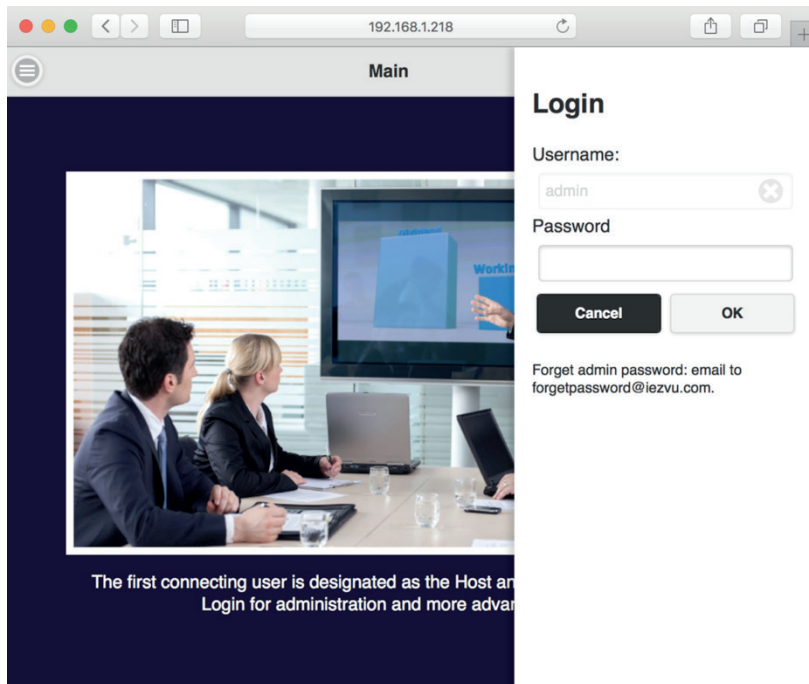


: menu icon.



: indicate log-in icon.

2. Log in

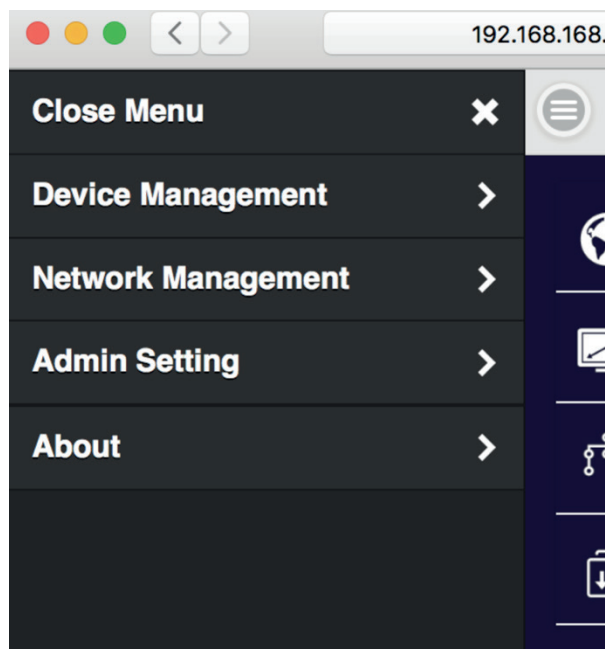


If you are not logging in, you will only be able to use 3~4 items without the Admin setting in the setup menu.

*Please be noted the default password is "000000", after logging in 1st time, you will be requested to change the log-in password. Please keep it carefully, if you forget the password, please hold the reset button for 10 secs to reset to default.

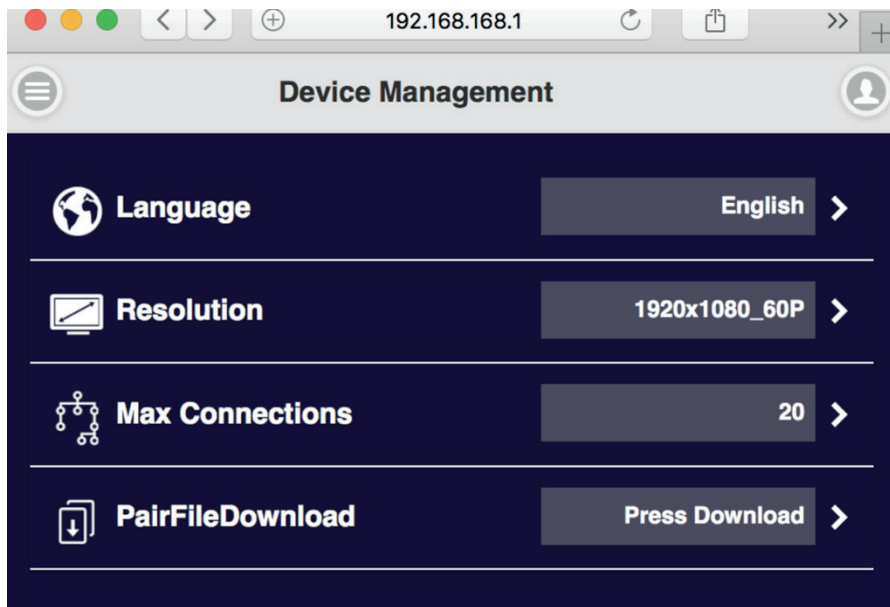
3. Menu setup:

3.1 Click the menu button and you will find several items to set: **Device Management**, **Network Management**, **Admin Setting**, and **About**. You can also **download Android APK** here.



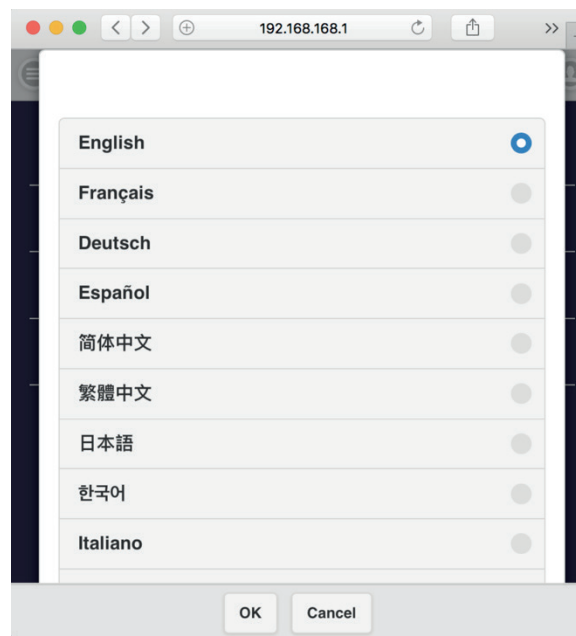
4. Device Management:

This section helps to manage web page language, Rx's output resolutions, Max connections and QuattroPod Receiver & Transmitter pairing file download.



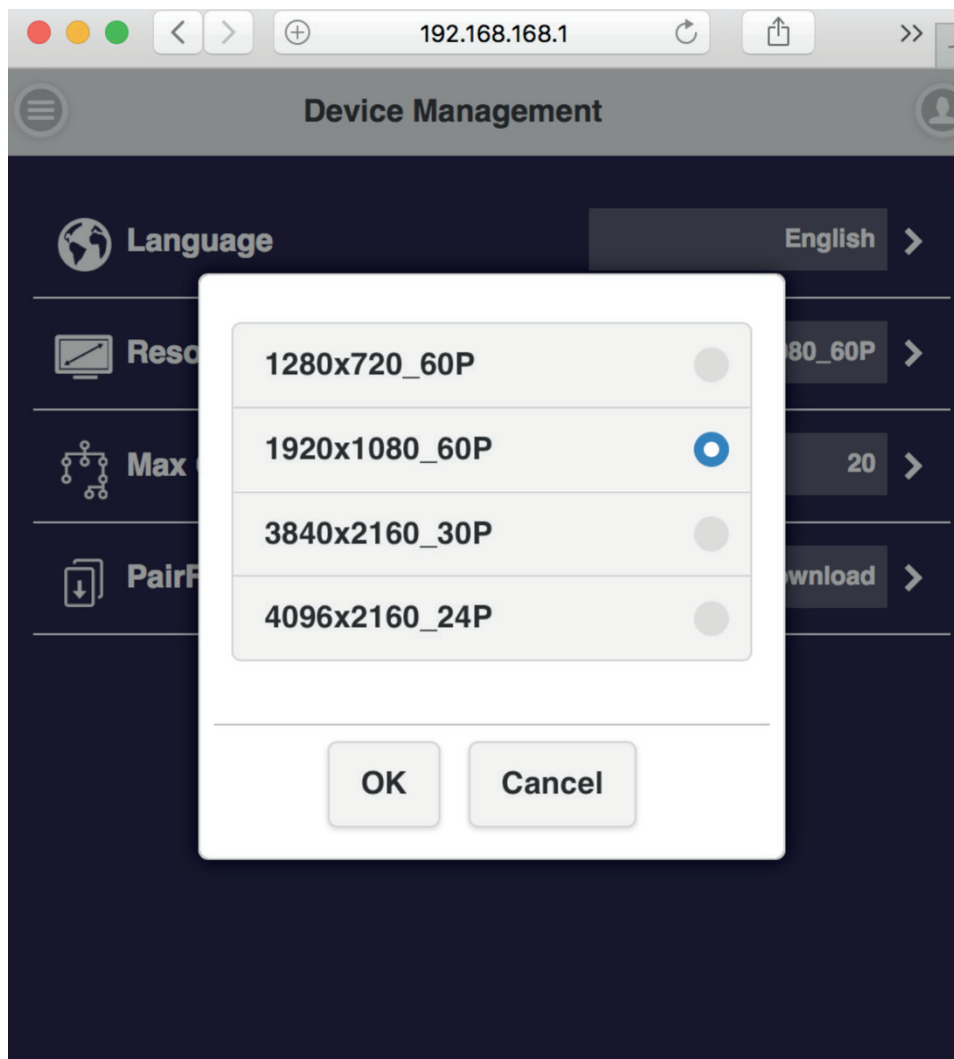
4.1 Language:

Select the language you prefer to show in the webpage. There are more than 20+ languages are supported.

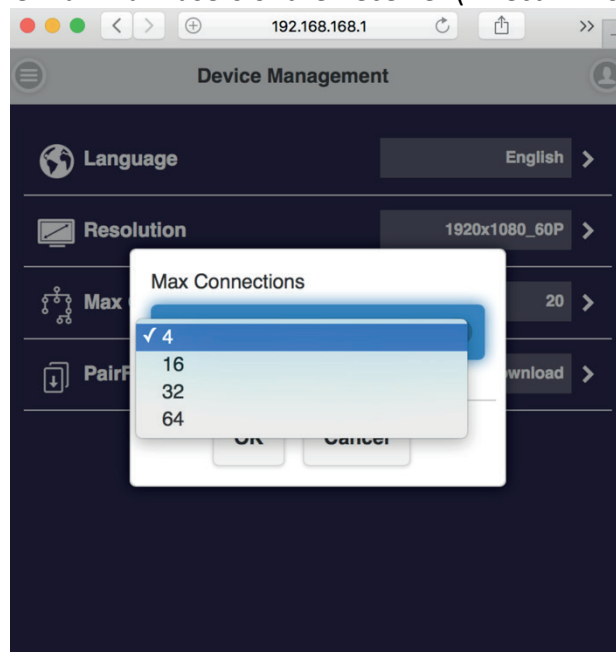


4.2 Resolution:

Our Receiver supports EDID to match the best resolution, you can also adjust it here.

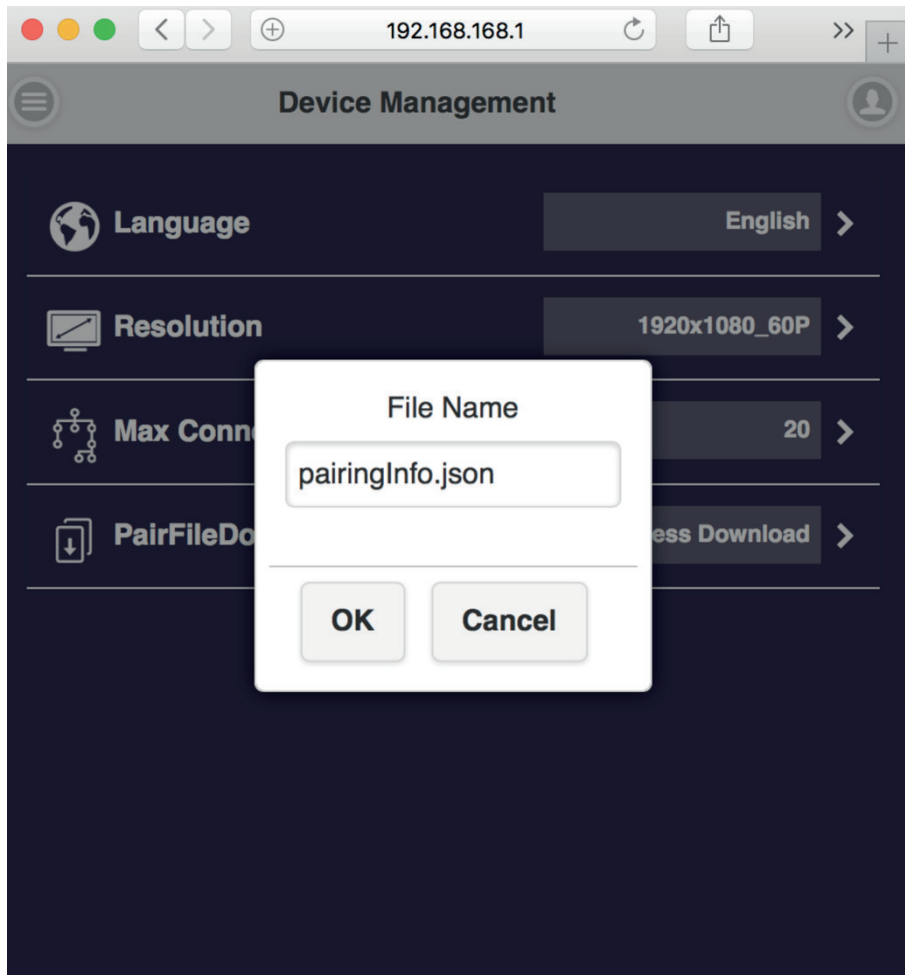


4.3 Max Connection: Set up the maximum users of the Receiver (Direct link only). Default is 8 users.



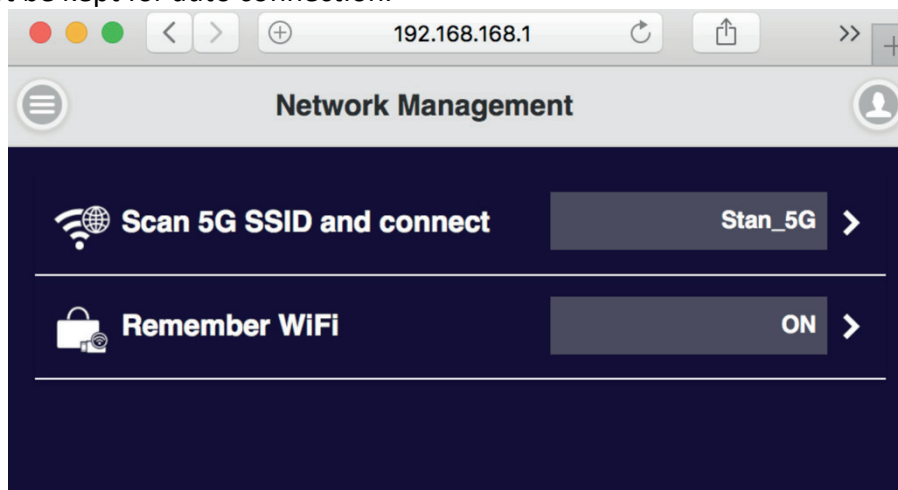
4.4 Pair File Download: download the pairing file from Receiver. You can transfer the pairing file in USB disk and plug into Transmitter for pairing

The switch of USB on Transmitter shall be adjusted to "mobile".

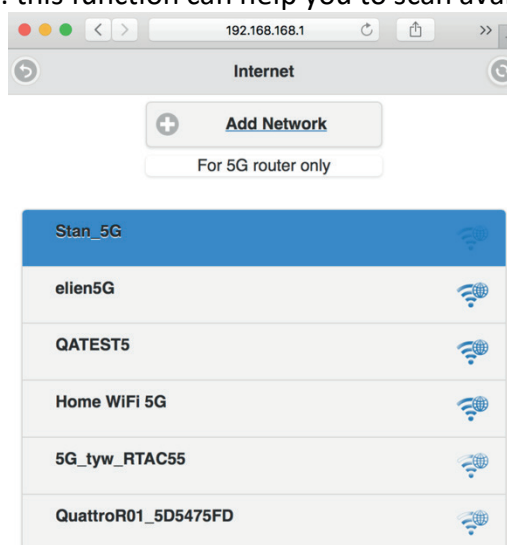


5. Network Management:

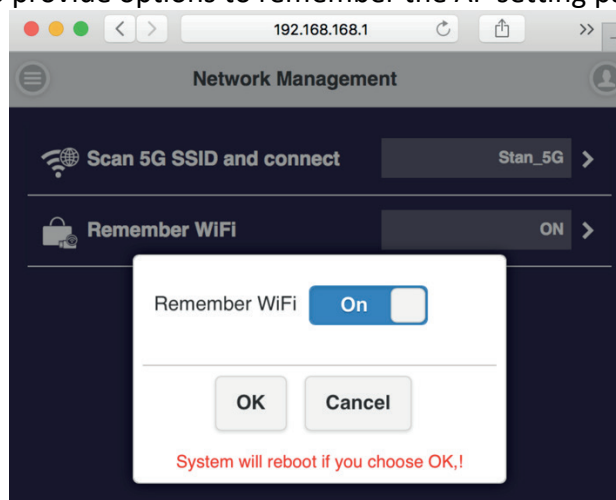
Connect the outbound Wi-Fi router. If you turn off remember WiFi, the outbound WiFi setting and password will not be kept for auto connection.



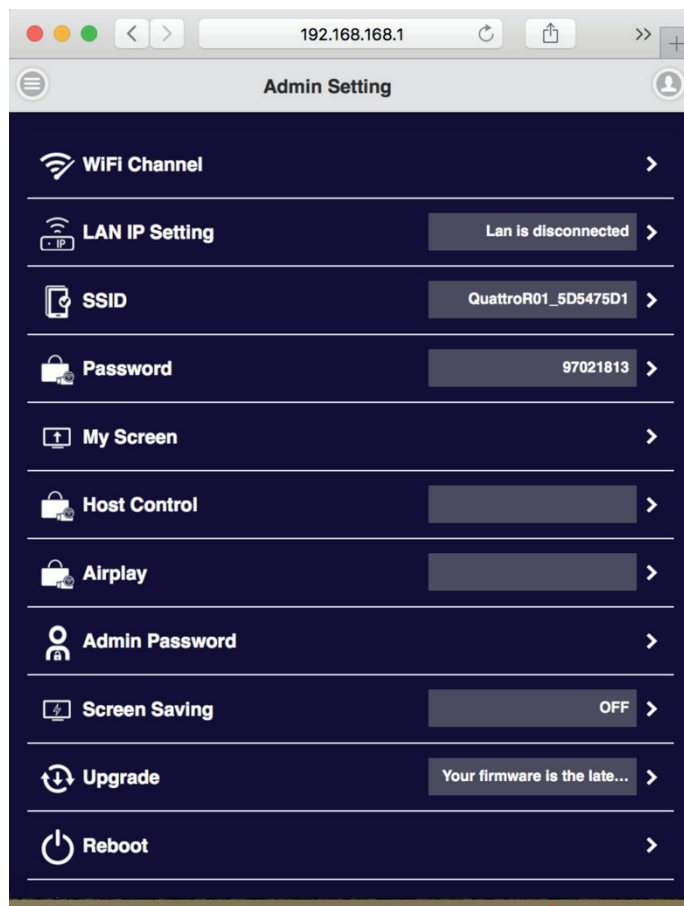
5.1 Scan 5G SSID and Connect: this function can help you to scan available Wi-Fi AP and join.



5.2 Remember Wi-Fi: it to provide options to remember the AP setting parameter or not.



6. Admin Setting:



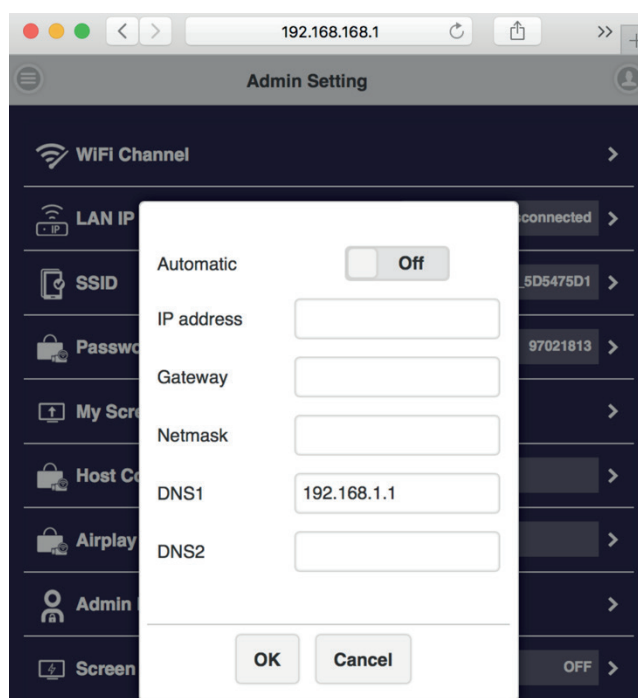
6.1 Wi-Fi Channel

You can select the channel between QuattroPod Receiver & Transmitter to prevent channel interference.

**Please be noted, due to ensure WiFi channel's clearance, the Rx will be rebooted every 8 hours to stay in the best channel if there is no user using this device.*

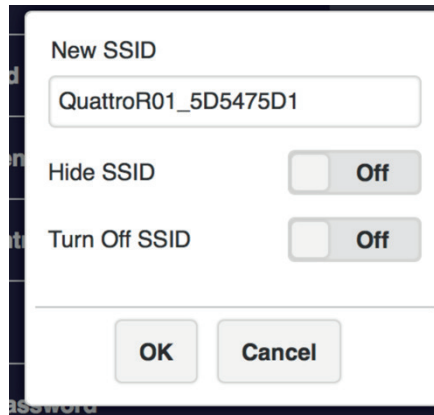
6.2 LAN IP Setting:

Configure the wire line connection through LAN cable. **we can support only one connection, either LAN or Wi-Fi at one time.*



6.3 SSID:

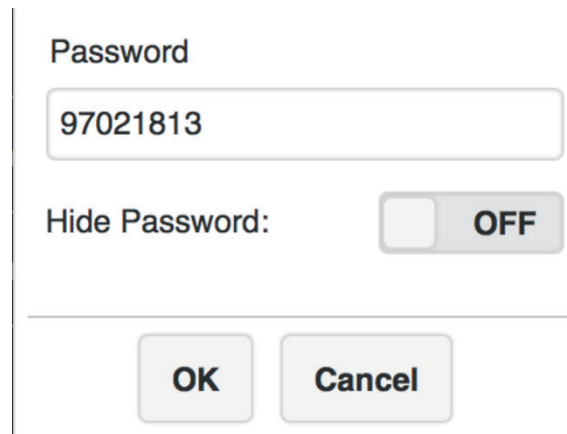
set up the SSID indication of the Receiver on the main screen.



*please be noticed if you turn off SSID of Rx, you can only connect it over ethernet, as well as the Tx.

6.4 Change WiFi password:

users can change password of the Receiver, or hide the password to avoid connections without authorization.

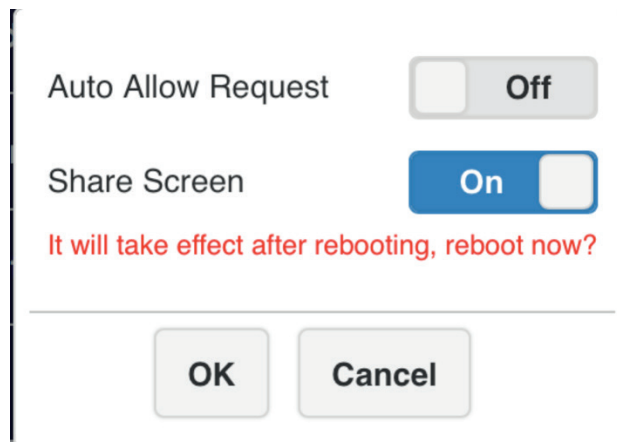


6.5 My Screen: Users can replace the theme of the main page of Receiver by uploading graphic or photos.

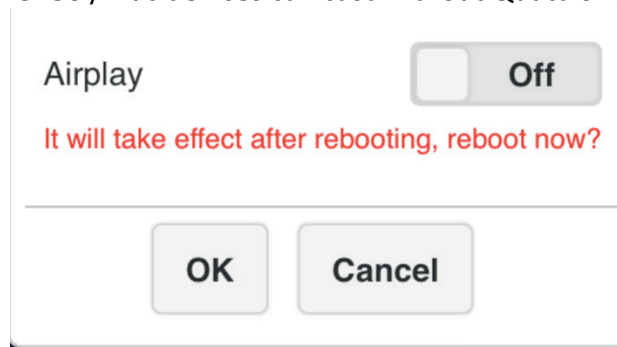


6.5 Host Control:

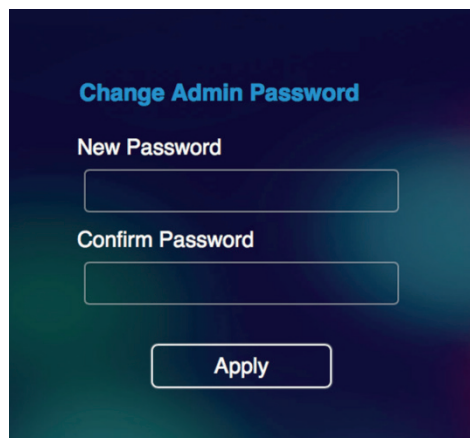
The host control allows the 1st user to become the Host of display, all other casting requests will be transferred to Host before casting. There are also some items to be set. Auto Allow means the new request will be cast on screen directly. Share screen will present in screen split when it was on. If set it off, the new casting will be full screen mode.



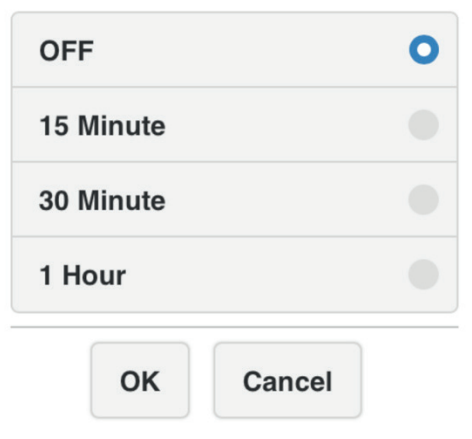
6.7 Airplay- to turn on/off the iOS /Mac devices can cast without QuattroPod Transmitters.



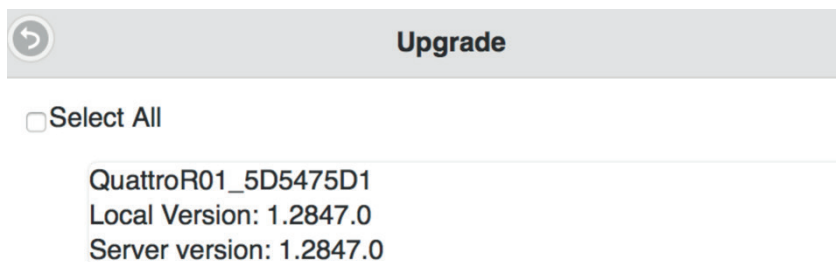
6.8 Change Admin Password- to change the web setting's log in password.



6.9 Screen Saving:
to shut down the screen off when the input is idle for certain time.



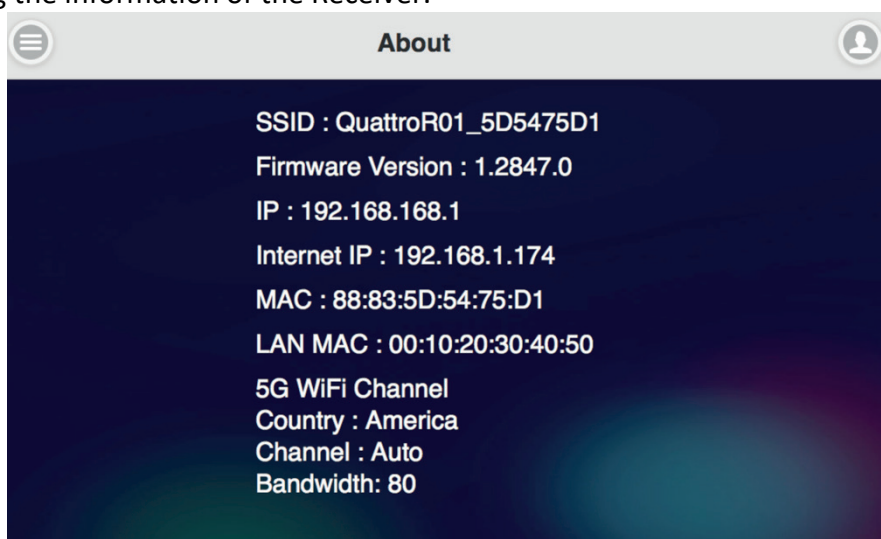
6.10 upgrade firmware: to remind users if there is new firmware released and execute the upgrade (* but the Receiver must connect to internet). You will also be able to update Tx's firmware here if it's connected.



*We recommend to keep Tx and Rx's firmware synced and update to latest version

6.11 Reboot: to reboot the Rx equipment.

7. About: showing the information of the Receiver.



Frequent Applications & Operation

1. Host has projected on screen, and quest required sharing the screen. Host allows.

	Indicator 1	Indicator 2	Indicator 3	Result of screen
Host		 Single Click to allow, double click to deny request		Allow: Share screen
Guest	 Click main button			Deny: Keep full screen

2. From share screen mode, Host allows Guest full screen request.

	Indicator 1	Indicator 2	Indicator 3	Result of screen
Host				
Guest				

3. Guest full screen mode, Host retrieves share screen request.

	Indicator 1	Indicator 2	Indicator 3	Result of screen
Host				
Guest				

4. Guest full/share screen mode, Host retrieves full screen request.

	Indicator 1	Indicator 2	Indicator 3	Result of screen
Host				
Guest				

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FCC STATEMENT

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

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.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body