
Wireless Presentation and Collaboration System

for the modern enterprise

SmartShare 4K Pro

WMU3030M

User Guide

Version 1.0

Introduction

SmartShare 4K Pro is an intuitive and high efficiency 4K wireless presentation and collaboration system that enables any meeting participant to simply share the content from their laptop, mobile phone, or tablet on the projector or large screen wirelessly, no APP required, no set up, no messy cables, just click and share. SmartShare 4K Pro support up to 16 presenters to share their contents instantly without wasting valuable meeting time.

A standard SmartShare 4K Pro is a combination of one transmitters and one receiver, the receiver is connected to a projector or display, and the transmitters are connected with PC or any device with HDMI jack, after connected, users click the button on the transmitter and the screen will be streaming to the display, it's easy for other users to switch by click. You can buy additional transmitter or receiver if needed.

Never have to worry about the software configuration, no compatibility, WIFI and network set up, no need IT support, with our powerful and simplicity solution, everyone can immediately know how to use it for collaborative presentations, which significantly improves corporate efficiency and productivity.

Product features

Features	Description
Plug and play	Simple connect the transmitter with the PC HDMI ports, then click the button to start the streaming.
App Free	SmartShare 4K Pro doesn't need any software or app installation, no setup, no IT team.
All in one	Support iOS/Android/Windows system, support Blu-ray DVD player, media player and any devices with HDMI jack.
Wireless Camera	Share the images and audio from smart-phone camera or to the large display simultaneous.
Multi-user mode	Up to 16 user's presentation at one time
Auto Channel Selection	The SmartShare 4K Pro will select the best Wi-Fi channel automatically after power on to ensure streaming smoothly.
Fast Speed with 5G AC MIMO Technology	The SmartShare 4K Pro comes with the fast 802.11ac MIMO technology which increase Wi-Fi speeds by allowing a pair of wireless devices to simultaneously send or receive multiple data streams.
4K60 High Resolution Quality	SmartShare 4K Pro support 4K high resolution, which means much more clear pictures, rich in details and texture compared with 1080p.
High Security Protection	No worries about the data security, the SmartShare 4K Pro support AES 128-bit security encryption and WPA2/WPA-PSK/WPA2-PSK authentication protocol to protect data. HDCP supported to protect the content.

Package Included:



Transmitter x1



Receiver x 1



Type c cable x 2



HDMI extended cable x 1

Devices Requirement

Please ensure the devices meets the following requirements:

- iOS 9.0 or above
- Android 5.0 or above

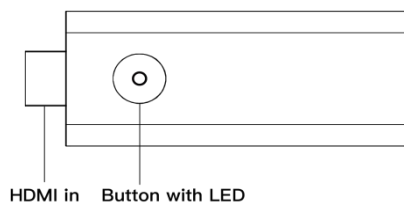
Product Specification

Feature	
Video input	Up to 4K30
Video output	Up to 4K60
Audio	Stereo, quality 16bits 48KHz
Wireless Channel	IEEE 802.11ac, 5GHz, 2T2R
Latency	About 100ms latency
Streaming Protocol	Airplay, Miracast, DLNA
HDMI Version	HDMI2.0
Authentication Protocol	WPA2 (WPAS-PSK / WPA2-Enterprise)
Security	AES 128 bit
Platform supported	Windows, iOS, Android system, Any devices with HDMI jack
Distance	About 50 meters in the clean line of sight
Transmitter	
interface	HDMI in jack x 1, Type c x 1, button x 1
LED	Red and blue
Switch button	x 1
Power supply	DC5V/0.7A
Battery capacity	780mA Polymer battery
Power Consumption	About 3.5 W
Dimension	83x32x13mm

Weight	
Receiver	
Interface	HDMI out jack x 1, Type c x 1, button x 1
LED	Blue
Power supply	DC5V/1 A
Power Consumption	About 3W
Dimension	83x32x13mm
Weight	
Temperature Range	
Operating:	0°C to +40°C (+32°F to +104°F)
Storage:	-10°C to +60°C (+14°F to +140°F)
Humidity	
Operating:	10% to 80% relative humidity
Storage:	5% to 90% relative humidity

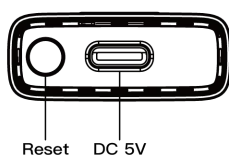
Overview

TX



1. HDMI in: connect with the HDMI port of the source devices.
2. Button: click to cast
3. LED: to display different statue.

Button	Description
Short Press for 0.5s	Power on
Long Press for 5s	Power off
Quick click the button	Connection



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- 1.Reset: press the button up to 3s for factory reset
 2. Type C: for power supply.

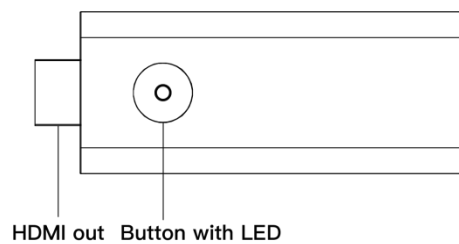
TX Playback time:

1. Some video sources' HDMI has 5V output, which ensures TX up to 4 hours of playback.
2. If the video source's HDMI has no power output, the built-in battery of the TX can support 50 minutes of playback.

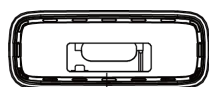
If the battery is running out, please place the TX into the cradle for charging.

LED indicator of the SmartShare 4K Pro TX

Static red	TX system is booting on
Flashing red	TX is searching for RX
Flashing blue	Waiting for connection
Static blue	Connected and start to presenting
Purple	No HDMI in
Flashing Green	Charging
Static Green	Charging completed

RX

1. HDMI out: connect with monitor or projector.
2. Button: Long press 9s for factory reset
3. LED: to display different statue.



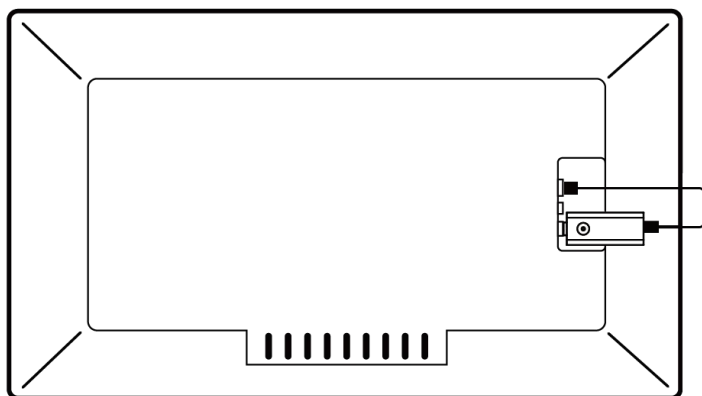
DC 5V

4. Type C: for power supply.

LED indicator of the SmartShare 4K Pro RX	Description
Flashing blue	Waiting for connection
Static blue	Connected and start to presenting

Receiver Installation

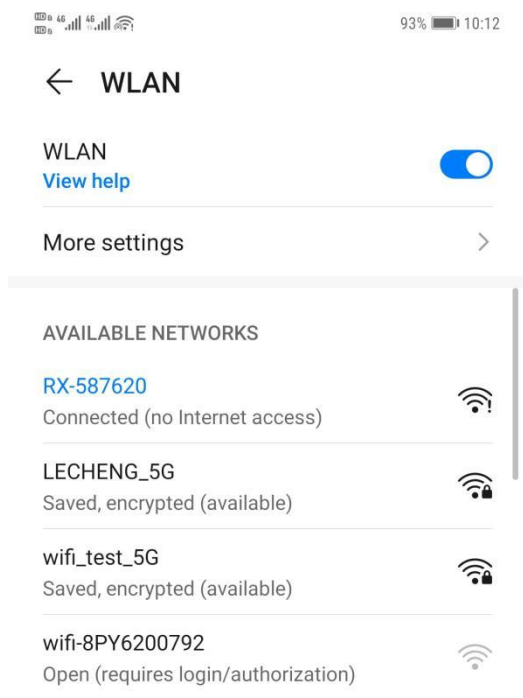
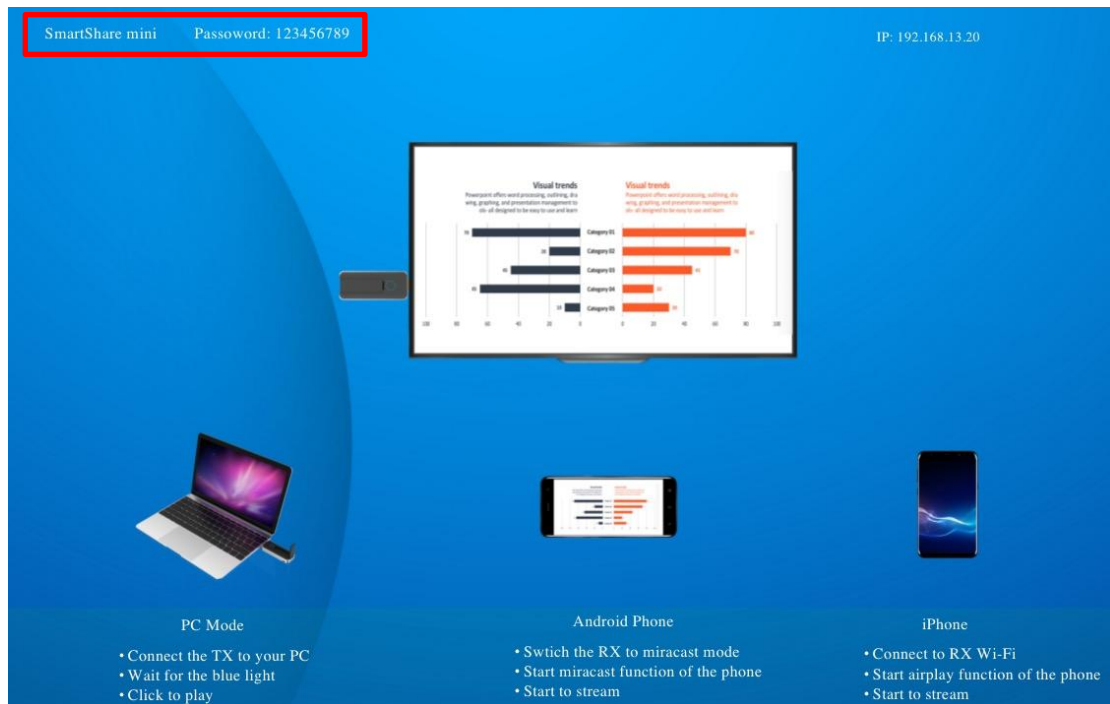
- 1) Connect the RX with HDMI port of display.
- 2) Connect the type c port of RX to the TV USB port through the USB cable for power supply.



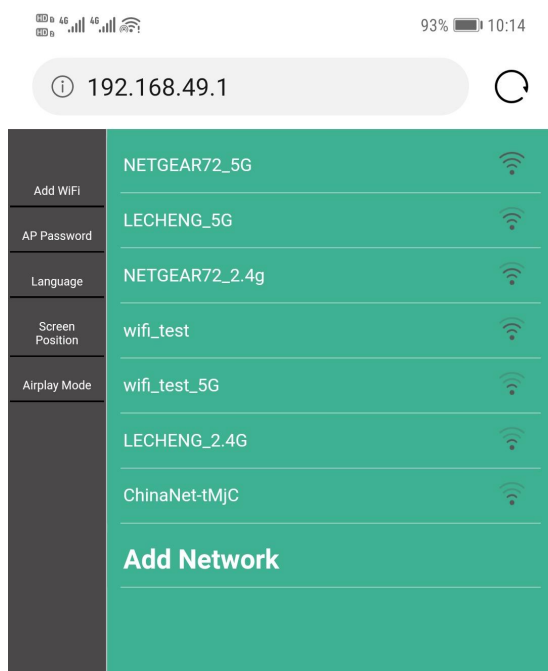
Remark: Remark: the power supply of RX is about 5V/0.5A. Please connect the RX with a power adapter if your TV can't supply enough power.

3) Connect to internet:

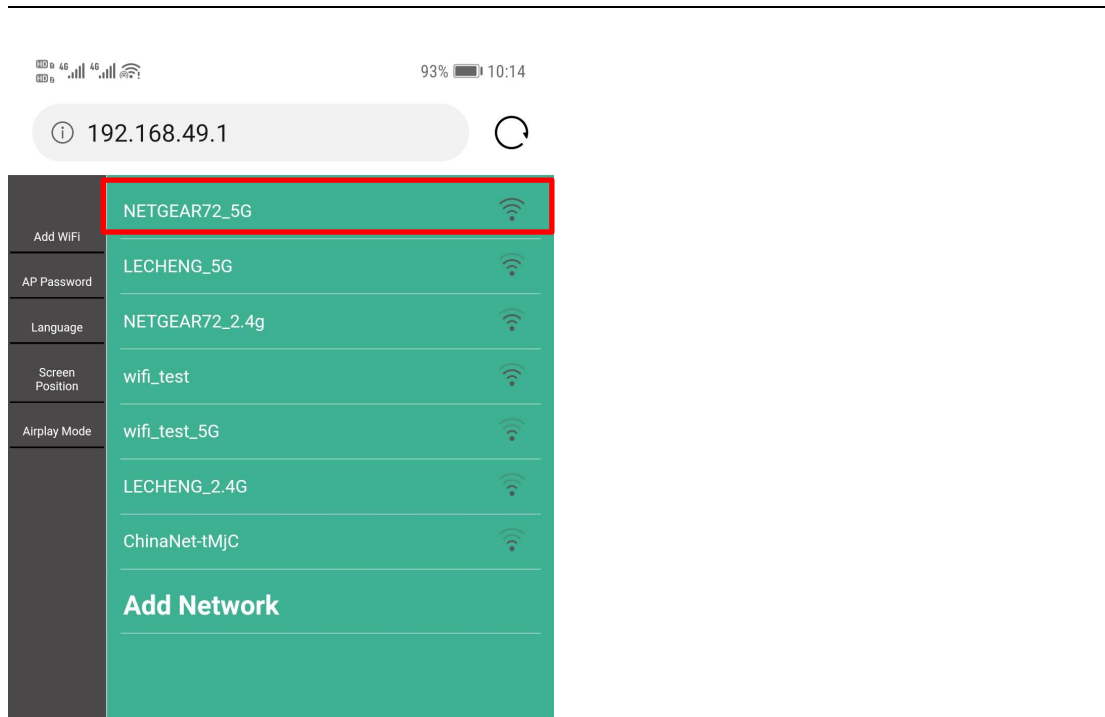
- Connect the RX SSID with your smart devices, the SSID and password are showed on the left upper corner of the screen.



- Open the browser with your phone, and input the IP address which show on the right upper corner of the screen to enter to the RX management platform.
Remark: when connect to router, the IP address will be update accordingly.



- Select the network and connect in the management platform, the RX will link to the network and show the network SSID on the middle of the screen. (to get a better performance, we recommend to connect with 5G router)



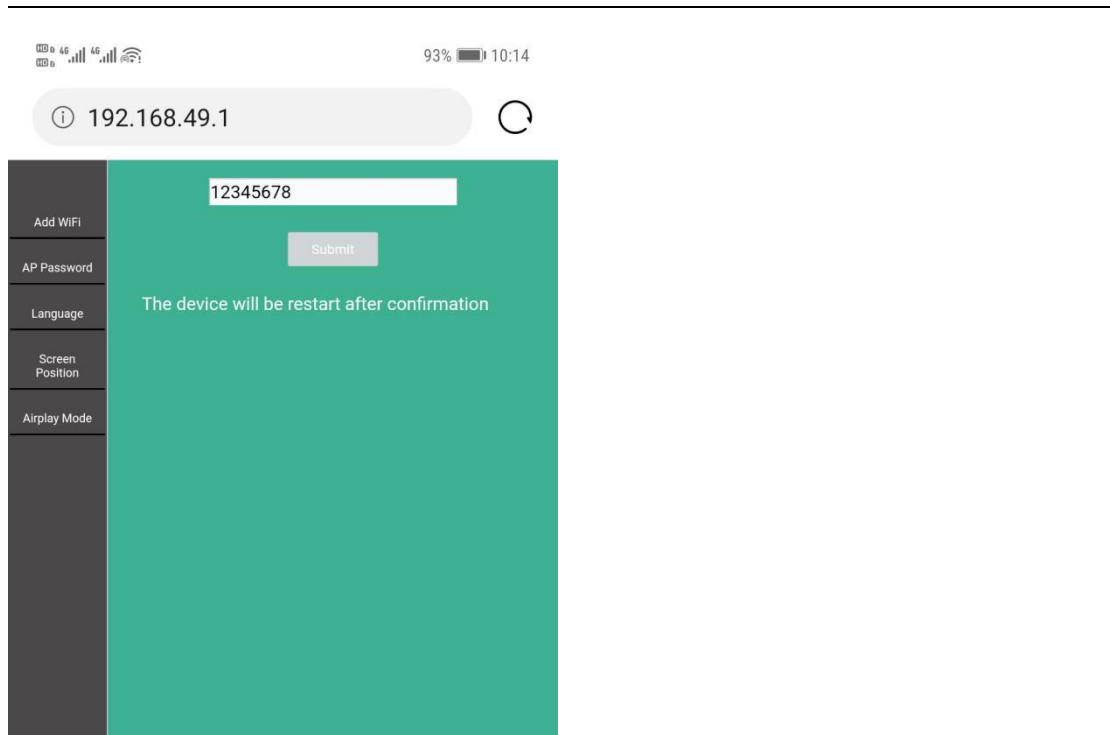
- Select the network and connect in the management platform, the RX will link to the network and show the network SSID on the middle of the screen. (to get a better performance, we recommend to connect with 5G router)



4) AP password management:

user can change AP password in the management page.

Remark: if the password are changed, the TX and RX have to pair again.

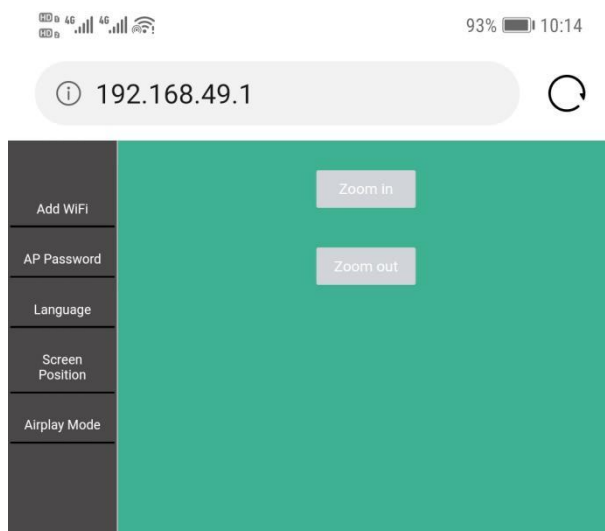


5) Language

User can change language in the management page:

6) Screen Position

If the RX HDMI OUT size is not compatible with the display, user can use Screen Position to adjust the zoom in and zoom out the screen.



7) Airplay mode: you can select to use streaming mode or mira mode.

Pairing a transmitter and receiver

A standard SmartShare 4K Pro set includes one receiver and one transmitter, which are paired before shipment. Normally you don't need to pair them again.

However, if you buy an additional transmitter or upgrade to new software, you need to follow the instruction below to pair the new transmitter with the receiver.

Pairing instruction:

1. Power on receiver and connect with display and wait for RX to enter the home page.
2. Power on the TX and wait around 5-10seconds, the button light of TX will turn to flash red, Then hold the reset button up to 3 seconds till the button flash fast for factory reset, then the TX will restart and the LED light will turn from red to flashing blue after 30s automatically.
3. Click the TX button to stream when the TX LED is turning to flash blue.

Stream from TX:

SmartShare 4K Pro TX Installation

1. Connect the SmartShare 4K Pro TX's HDMI to PC HDMI port.



2. The LED indicator of the SmartShare 4K Pro TX will turn red when it's booting up.
3. The LED indicator will become blue and flash when SmartShare 4K Pro is ready to stream.
4. Click the button to start casting, the LED indicator will become constant blue.

Streaming from smart devices:

1. iOS devices
 - Search RX SSID and connect. (SSID: RXxxxxxx, Password: 12345678), the SSID show on the left upper corner of the screen.

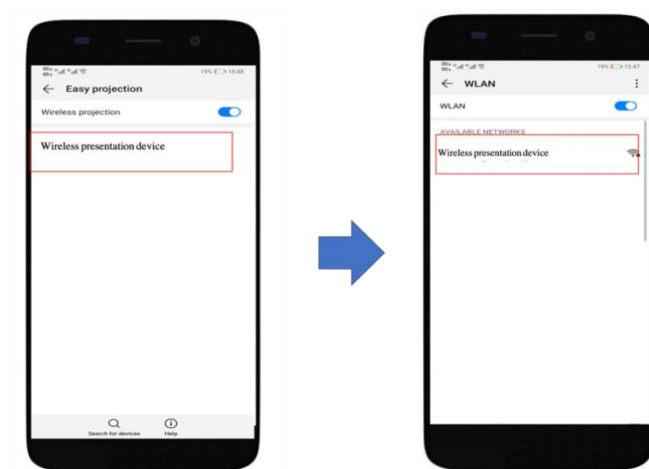
Remark: if the RX already connect with your network, just make sure your devices is in the same network with RX.

- Stream the content from your iOS devices via Airplay.



Android devices

- make sure your android devices Wi-Fi are available, and select the miracast function of your phone and start to stream.



Remark: there are different name on difference brand phones or tablets: WIFI Display, WLAN Display, Wireless Display, Allshare Display, Allshare Cast, Wireless Display

TX:

FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

This device may not cause harmful interference, and

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

Warning: 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Specific Absorption Rate (SAR) information:

– This radio is designed for and classified as “**General population/uncontrolled Use**”, the guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The exposure standard for wireless radio employs a unit of measurement known as the Specific Absorption Rate, or SAR, the SAR limit set 1.6W/kg.

– Body-worn operation; this device was tested for typical body-worn operations with the Down of the Transmitter kept 0mm for body worn. To maintain compliance with RF exposure requirements, use accessories that maintain a 0mm for body worn. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

The highest reported SAR value for worn on the body is 0.444W/kg and Simultaneous SAR is 0.862 W/kg

RX:

FCC STATEMENT :

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The UNII Band 5150-5250MHz indoor use only.