WMF1732

Wireless Presentation and Collaboration System Plus

for the modern enterprise

User Guide

Version 2.0

Introduction

SmartShare 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 setup, no messy cables, just click and share.

SmartShare Pro support up to 26 presenters to share their content instantly without wasting valuable meeting time, also supports 4 users on one screen simultaneously, which significantly improves corporate efficiency and productivity.

SmartShare Pro also supports Multicast, which is group communication, where video transmission from one transmitter is addressed to a group of receivers simultaneously.

The SmartShare Pro support whiteboard function, user can instantly edit, draw, and write on the big screen with touch panel, which is suitable for educational and enterprise application.

A standard SmartShare Pro is a combination of two 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 PC screen will be streaming to the display, other users can switch easily with a simple click. Users can also buy additional transmitters and receivers.

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

Product features

Features	Description
Plug and play	Simple connect the transmitter with your PC USB and HDMI ports, then click the button to start the streaming.
App Free	SmartShare 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.
Touch Control	SmartShare Pro support touch back control function when connect with display with touch panel.
Wireless Camera	Share the images and audio from smart-phone camera or to the large display simultaneous.
Four Screen Split	Up to 26 user's presentation at one time Support up to 4 users on-screen simultaneously
Multicast/ **Display Group**	In the group mode, where video transmission from one transmitter is addressed to a group of receivers simultaneously.
White Board Function	The SmartShare Pro support instantly edit, draw and write on the big screen with touch panel.
Auto Channel Selection	The SmartShare 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 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 Video Quality	SmartShare Pro support real 4K decode, which means much more clear pictures, rich in details and texture, the device also supports high dynamic range (HDR).
High Security Protection	No worries about the data security, the SmartShare 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:

Receiver x1   Transmitter x 1   HDMI x 1

USB Cable x1   5V/2A Adapter x1

Devices Requirement:

Smartshare Pro support all devices which with HDMI port.

Smart Phone/Tablets Requirement

To cast the smart phone/tablet video to smartshare, please ensure the devices meet the following

requirements:

- iOS 9.0 or above
- Android 5.0 or above

Product Specification

Feature	
Video input	1920x1080 (1080p60/50/30/25/24，1080i60/50) 1280x720(720p60/50) 720×576(576p50);720×480(480p60)
Video decode and output	Up to 4K60
Audio	Stereo, 44.1KHz
Wireless standard	IEEE 802.11b/g/n/ac, 2.4G/5GHz, 2T2R
Latency	About 100ms latency
Streaming Protocol	Airplay, Miracast, DLNA
HDMI Version	HDMI 2.0 with HDCP2.1
Authentication Protocol	WPA2 (WPAS-PSK / WPA2-Enterprise)
Security	AES 128 bit
Platform supported	Any devices supports HDMI port
Distance	About 70 meters (in the clear line of sight)
Transmitter	
Cable	USB cable, HDMI Cable
LED	x 1
Switch button	x 1
Power supply	DC5V/0.5A
Power Consumption	About 2.5W
Dimension	74 x 74 x14mm
Weight	79g
Receiver	
Interface	USB port x2, micro usb x1, RJ45 x1, HDMI out x1
LED	x 1
Power supply	DC5V/2A
Power Consumption	About 10W
Dimension	135x80x23mm
Weight	306g
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

Product Overview

SmartShare Pro TX

1. Present key with LED indicator: press to start presenting
2. HDMI cable: connect computer or other devices with HDMI
3. USB cable: connect to computer or other devices for power.
4. LED: to indicate different statue.

SmartShare Pro RX

Front view

LED: to display different statue.

Back view

1. Micro USB port: Connect to 5V/2A adapter for power supply.

2. USB Type A Port x2: Connect with touch panel, camera or mouse for USB kvm function.

3. HDMI 2.0 Port: Connect to TV, projector, and monitor by using the HDMI cable.

4. LAN Port: Connect to router for internet access.

LED indicators of the SmartShare Pro

LED indicator of the SmartShare Pro TX	Description
Static and flashing red	TX is booting on
Flashing blue	Waiting for connection
Static blue	Connected and start to presenting
Flashing purple	No video input

LED indicator of the SmartShare Pro RX	Description
Flashing blue	Waiting for connection
Static blue	Connected with TX

Connection Diagram
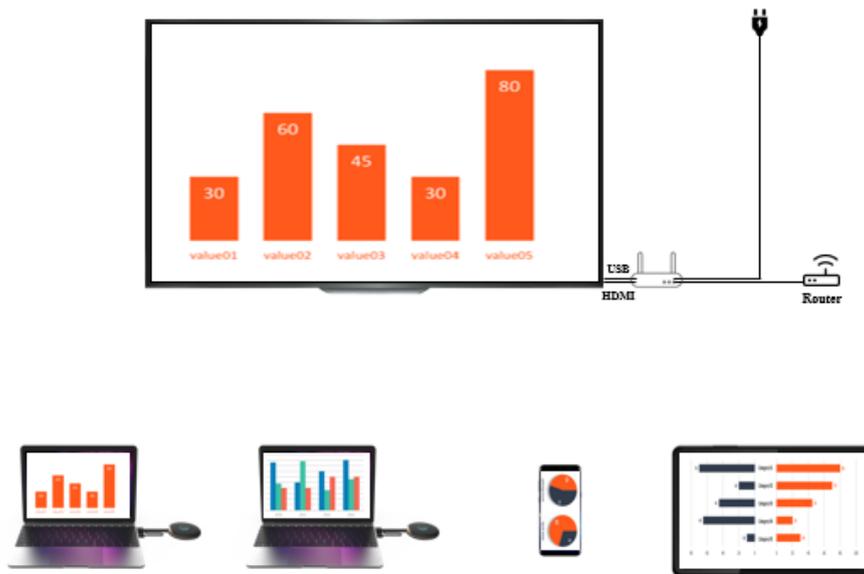
Remark: Android devices don't support multi-screen split function.

Receiver Installation

1. Power on the RX and connect to the display or projector by HDMI cable.

2. Connect the USB cable to the display by USB cable. (For touch panel control)

3. Connect RJ45 cable to your RX to access the internet.

Remark:

- Please ignore step 2 if the display doesn't have touch panel.

- please ignore step 3 if no need to access the internet.

Receiver setting:

In the bottom right of receiver main page, it's ⚙ (Setting) function:

1. Setting

Click ⚙ to enter setting page:

1) Common Setup: user can select the language and check product version.

2) Display Group setup, which will be illustrated in the Display Group setup function.

3) Advanced setup:
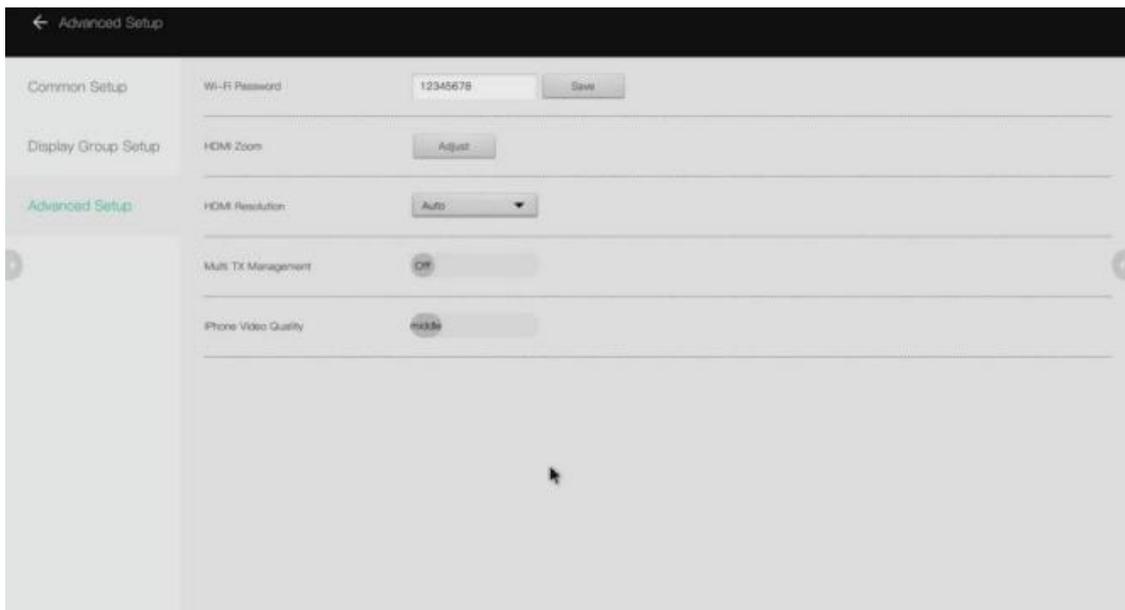
Wi-Fi Password: set the SSID password.

HDMI Zoom: adjust the HDMI output size.

HDMI Resolution: set the HDMI output resolution.

Multi TX management:

When set to ON, the user logo and connected No. which connected with RX will show on the upper right corner of the main page of RX screen.
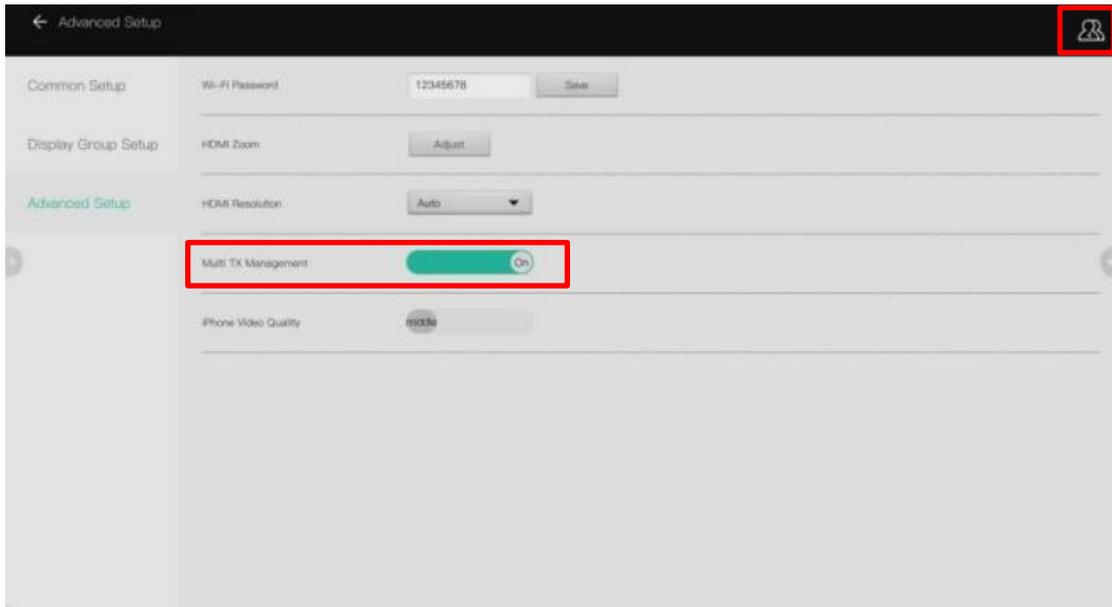
Click ![logo] logo, the TX list will show on the display. The TX list will be hide when click again, it's easy for the meeting moderator to control each TX in the big screen.

AP: SmartSharePro xxxxxx   Password: 12345678

PC
➤ Connect the TX to your PC
➤ Wait for the blue light
➤ Click to play

Phone
➤ Connect to RX WIFI
➤ Stream by Airplay/Miracast/Dlna

Pairing a transmitter and receiver

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

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

1. Power on receiver and connect with display, please make sure to use 5v2a adapter in case the power is not enough.
2. Connect the TX USB cable to RX USB port.
3. Wait around 15 seconds, the button light of TX will turn to constant blue from red light, and pair successful message will be displayed on the RX screen.
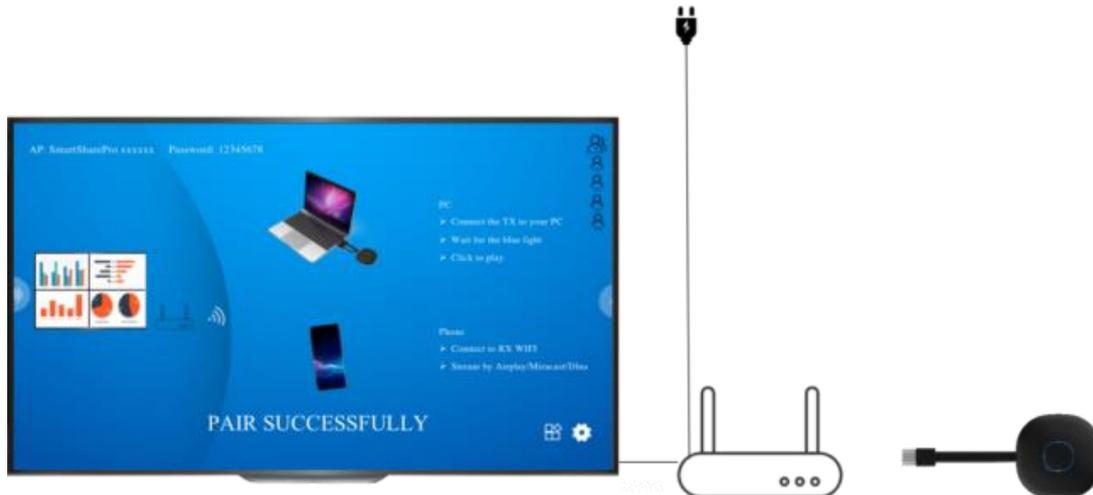
TX and RX Software Upgrade Guide:

Normally the TX and RX already upgrade to the latest software, you don't need to upgrade them again. In case of there is any update after the product ship out. Please follow below upgrade guide for upgrade.

Please always upgrade TX firstly before you upgrade RX.

TX upgrade process:
1. Firstly, please make sure TX and RX already paired.
2. Unzip the upgrade package, and copy"tx_image，tx_config.txt"file on the root of U disk(Fat32).
3. Connect the U disk with RX USB port and then power on the RX.
4. After RX enter the main page, power on TX (no need to connect the HDMI cable), then the TX will link with RX automatically. .
5. Then RX will send the upgrade file to TX for upgrade wirelessly, upgrade message will show on the RX screen. During the upgrade process, the TX Red and blue lights will flash alternately.

6. After upgrade down, the TX light will become flash blue, and "TX updated OK"message will display on the RX screen.

7. After the upgrade, please pair TX and RX again. (please refer to TX and RX pair guide)

RX upgrade process:

1. Change the RX upgrade zip file's name to "update".zip （no need to unzip the file）and copy to the root of USB disk.

2. Connect the U disk with RX USB port and then power on the RX.

3. The RX will recognize the firmware and update message will be displayed on the screen, please click install for upgade.

4. Then the RX will restart for upgrade.
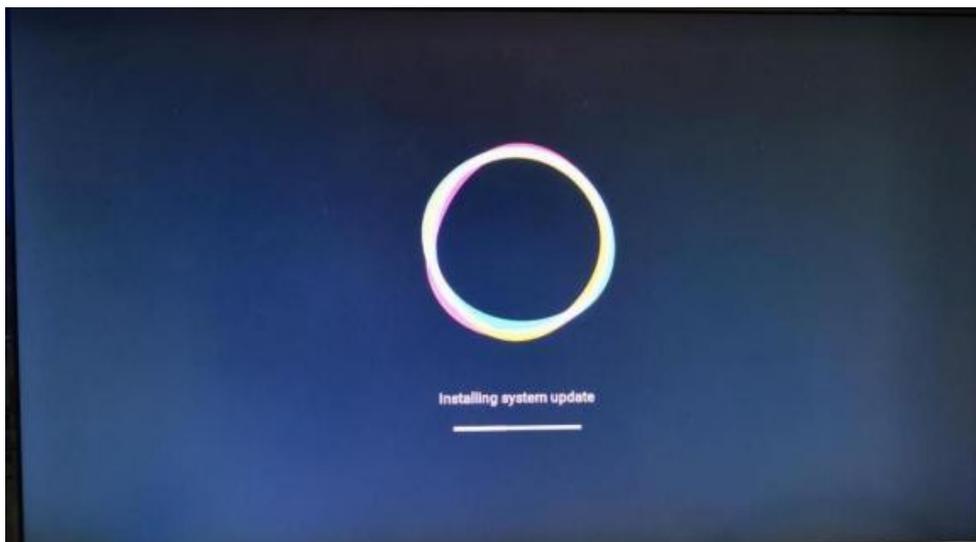
5. After RX update successfully, message will be displayed on the screen, you can chose to save or delete the file.

AP: WHD-4KR1-58FC3E Password: ahWia85107687

System Update

Congratulation upgrade succeed!Do you want to delete the file? If
not,the system may propose this update again.

Yes

PC
>Connect TX to your PC
>Wait for the blue light
>Click to play

>Connect to RX WiFi
>Stream by airplay/cast/DLNA
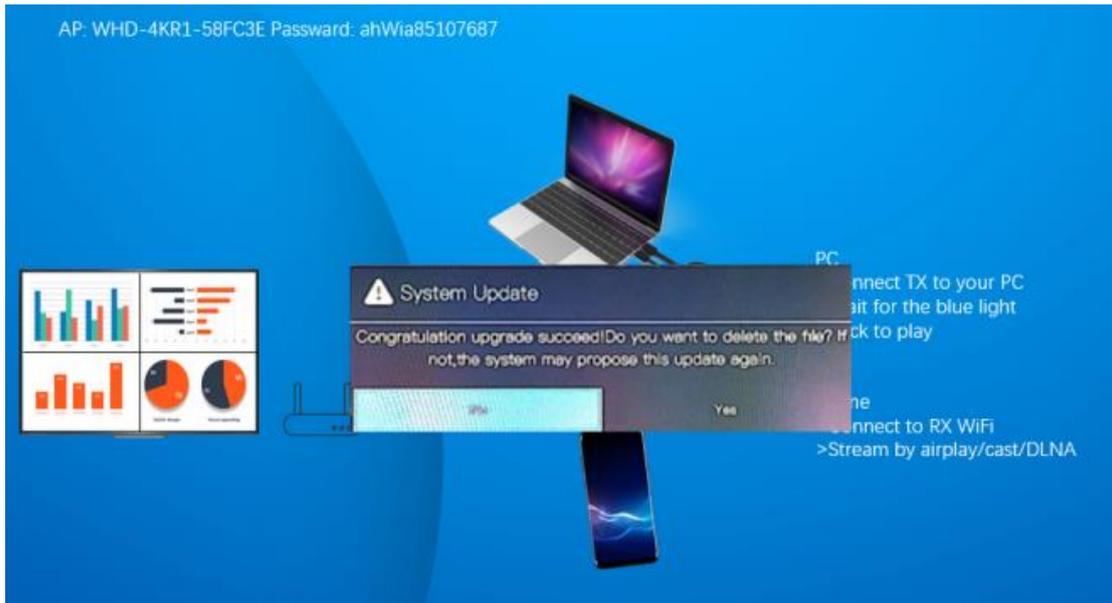
SmartShare Pro TX Installation

1. Connect the SmartShare Pro TX's HDMI and USB jacks to the laptop USB/HDMI inputs.

2. The LED indicator of the SmartShare Pro TX will turn red when it's booting up.

3. The LED indicator will become blue and flashing when SmartShare Pro is ready to stream.

4. The LED indicator will become constant blue when click the button to start presenting.

Streaming from Smart-phone to SmartShare Pro RX

1. iOS devices

Step1: Search RX SSID and connect with the iOS devices. (SSID: RXxxxxx, Password: 12345678), the SSID show on the left upper corner of the screen.

Remark: if the RX already connect with your office network, and the iOS devices are in the same network, in this case, it' no need for the iOS devices to connect with the RX SSID.

Step 2: Open Airplay function, and select the RX SSID in the list, the screen will stream to the RX.

2. Android devices
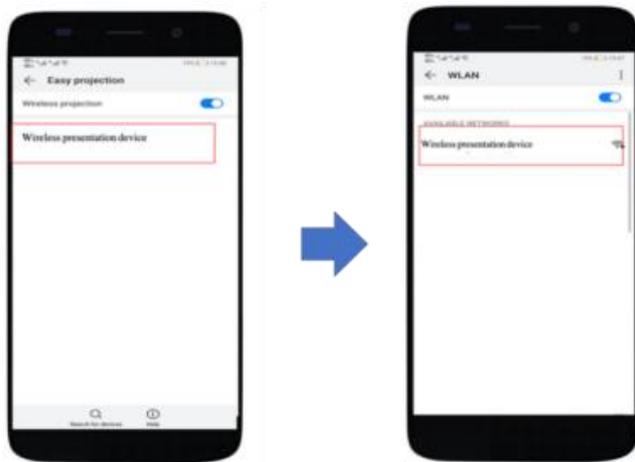
Step 1: make sure your android devices Wi-Fi are available.

Remark: it's no requirement for the android devices to connect with RX SSID.

Step2: 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.

Multi User Usage and Multiple Screens Split

1. Single screen mode:
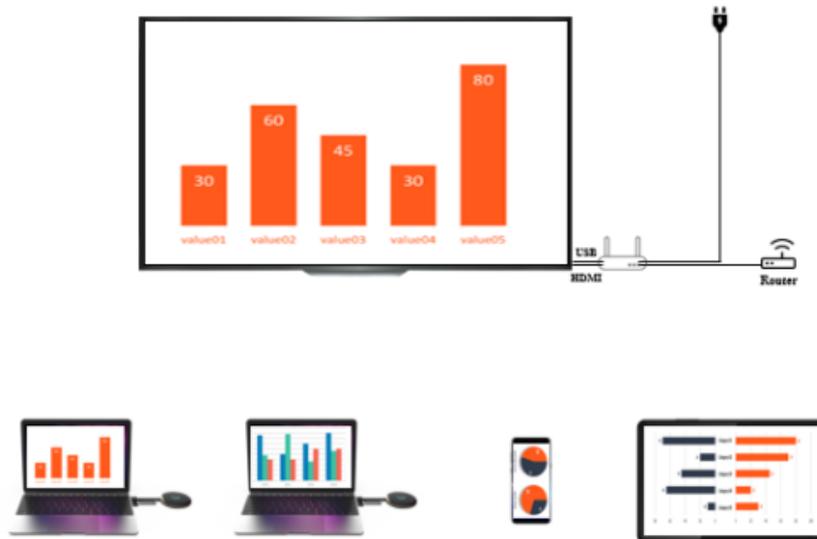
If there is one SmartShare Pro TX, click the TX button shortly, the screen of the laptop will be streaming to the big screen.

If there is two or more SmartShare Pro TX, click the second TX button shortly, the screen of the second laptop will be streaming to the big screen.

If you use a smartphone, please stream the content to the RX by Airplay, miracast, and DLNA directly.

2. Multiple Screen Split Mode:
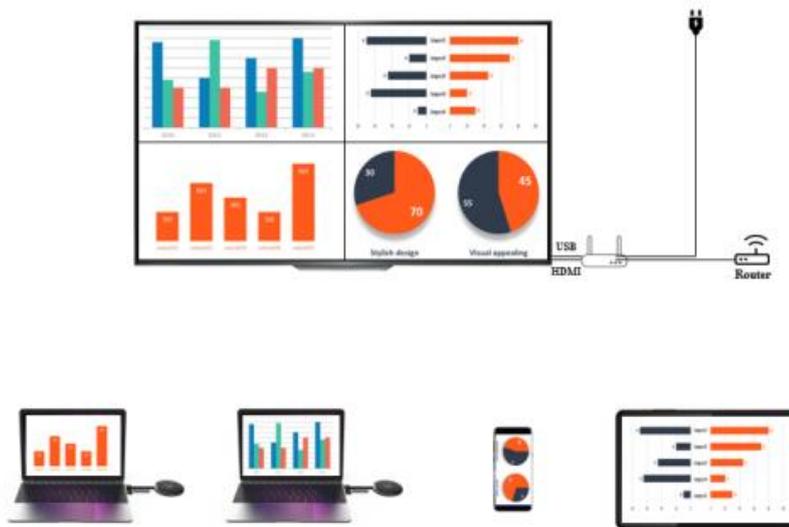
Please press the SmartShare Pro TX button above 2 seconds, the RX screen will split to multi-screen split mode.

In the multi-screen mode, If you use iOS devices, please ensure that your iOS devices and receiver are connected in the same subnet, click the airplay, multiple screens can be cast and split to the large display automatically.

Remark: the Android phone don't support multi-screen mode.

3. How to quit multiple screens split mode:

Click any TX button shortly to switch to one single screen mode.

Multicast or Display Group Setup

In the group mode, where video transmission from one transmitter is addressed to a group of receivers simultaneously.

Step 1: Connect different RX with same router to make sure the different receivers in the same subnet.
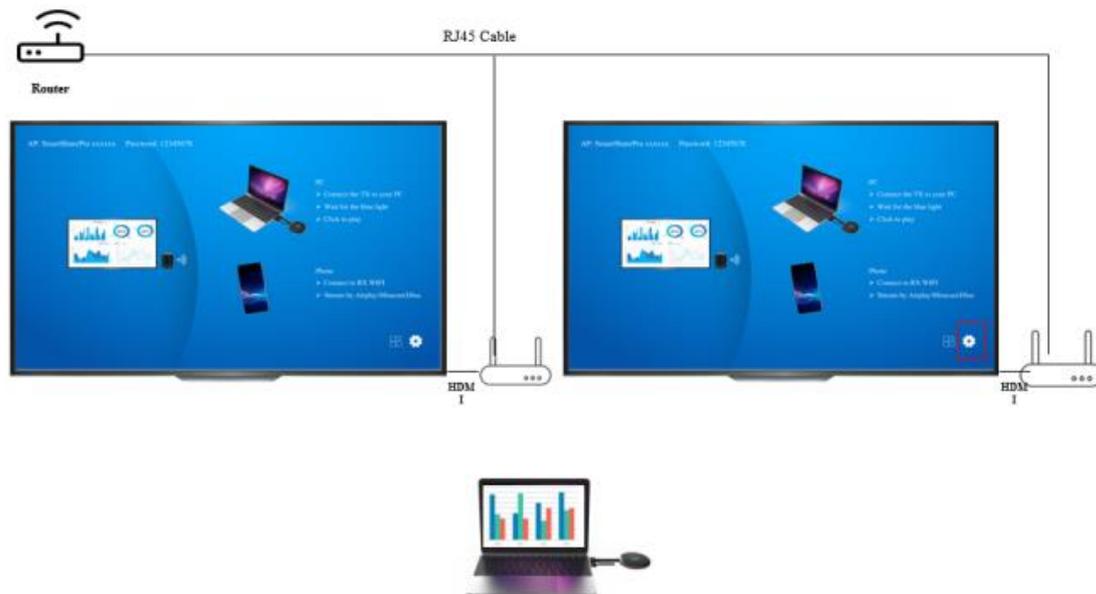
Step 2: Please click the setting in the main receiver and select the display Group Setup.
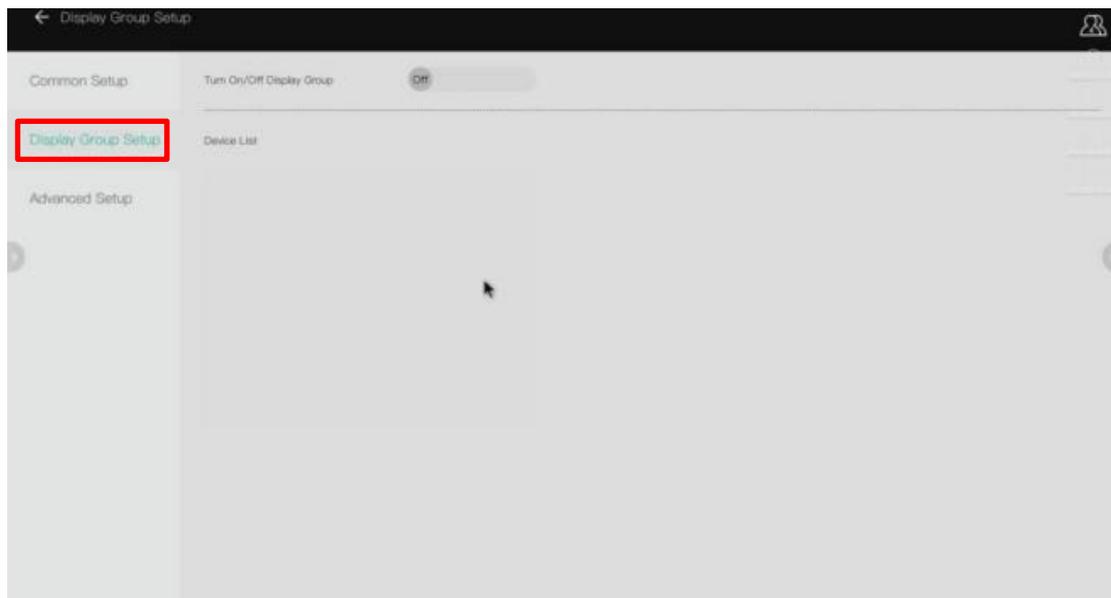
Step3: Turn on Display Group function, all of the receivers which in the same subnet will be listed on the Device List, please select the receivers which you want to join the display group and confirm, then the screen will stream to other receivers.
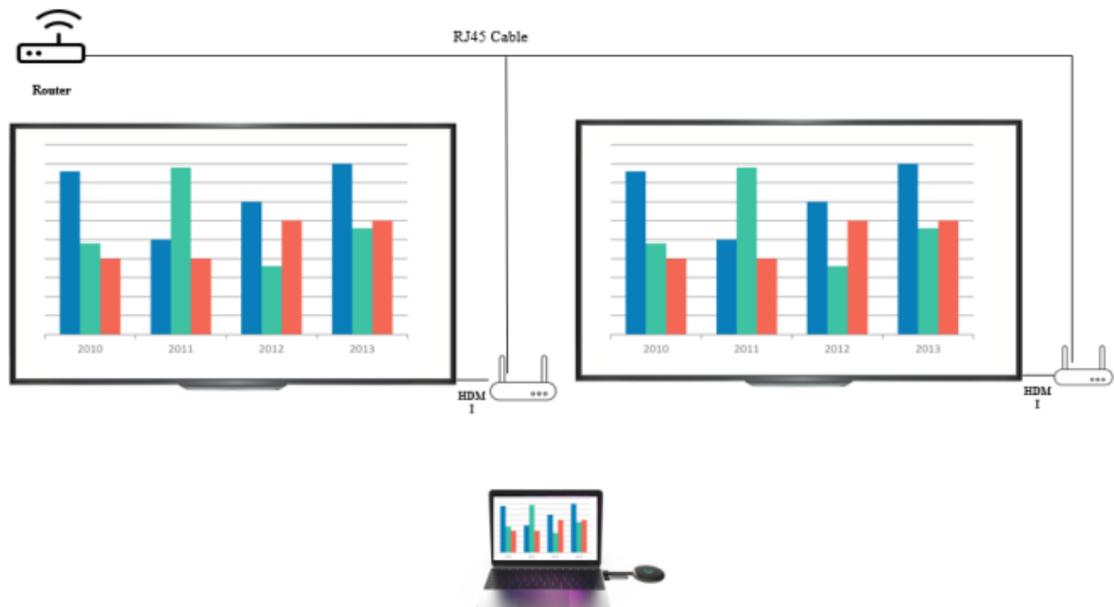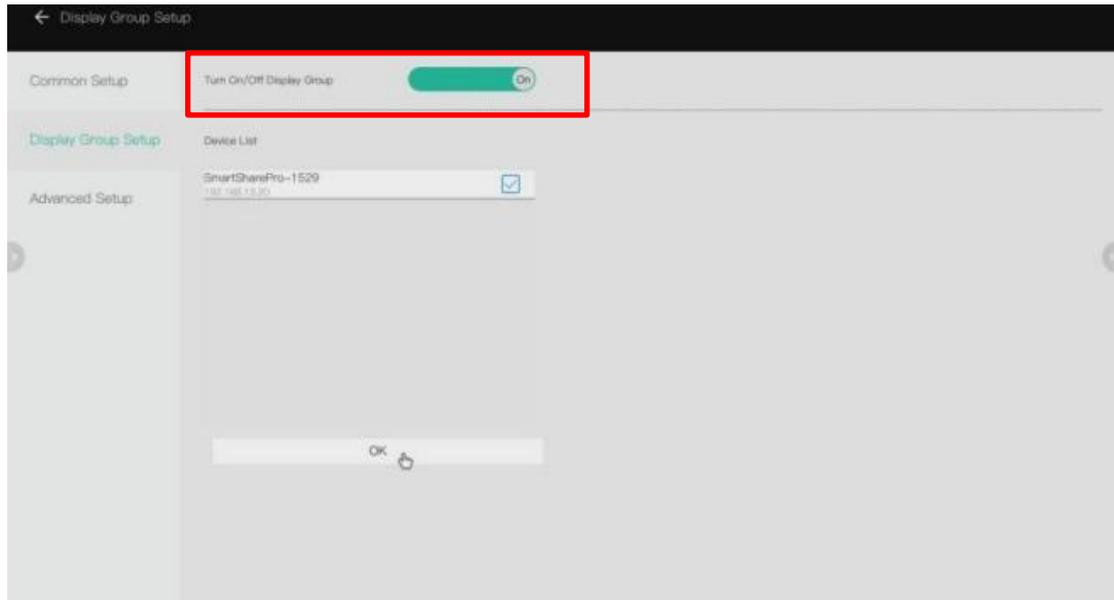
Touch Panel Control:

SmartShare Pro supports touch panel back control function when connecting with the touch panel, user can touch the big screen to control the PC easily.

Step 1: Connect the Receiver with display with touch panel, and connect the USB (for touch) cable with Receiver and display.

Step 2: Connect the transmitter with PC via HDMI/USB cable.

Step 3: Touch the display to control the PC.
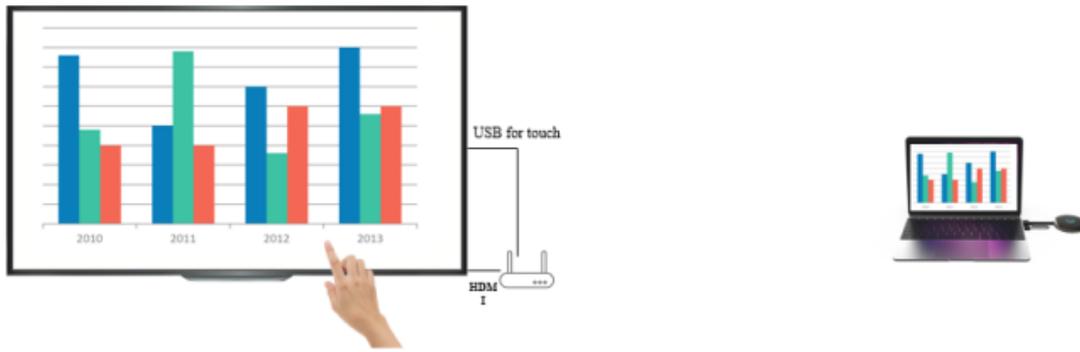
Remark: Macbook don't support touch back control function.

White Board Function:

The SmartShare Pro support instantly edit, draw and write on the big screen with touch panel.

Step 1: Click the White board icon from the main SmartShare Pro RX on the main page to enter the white board function.

Step 2: You will find white board function at the left side of the main menu, click the pen icon to enter to white board mode, now you can write, draw, edit on the display.

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