



Aero Share

Wireless Presentation Solution



Before connecting, operating or adjusting this product, please read the manual completely.
Please keep this manual for future reference.

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Besides, this user manual aims to provide the most updated and accurate information to customers, and thus all contents may be modified from time to time without prior notice. Please check with your local dealer for the latest version of this manual.	
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Important Safety precautions

About this guide:

Please read and understand all safety information before installing and using this product. Follow all instructions marked on the product and described in this, or other documents to ensure a safe use, maintain the full-service life, and bring the best performance of the product into full play. Pay attention all the usage and installation warnings and safety precautions. Store this user's manual near the product for later reference, and to instruct all future users of this product.

Besides, this user manual aims to provide the most updated and accurate information to customers, and thus all contents may be modified from time to time without prior notice. Please check with your local dealer for the latest version of this manual.

The illustrations and images in this guide are for your reference.

Product Feature Synopsis:

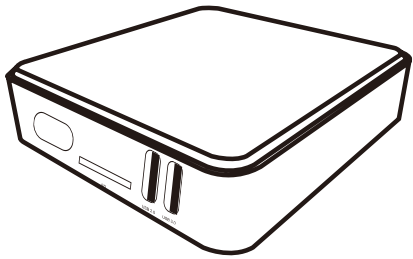
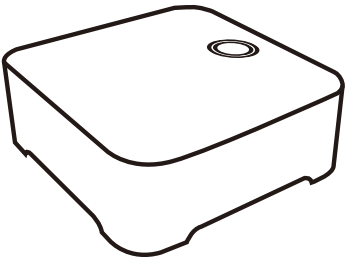
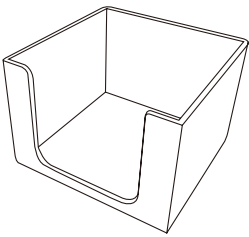
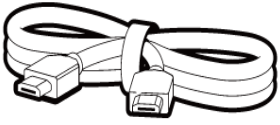
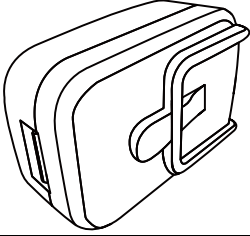
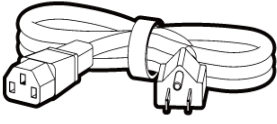
Introduction:

AeroShare is a wireless device for mirror-casting content in any HDMI-interfaced devices. It is most ideal for use in corporate presentation, video viewing in large group, or, even live-streaming. Users expect device can cast their display instantly, apps to launch and to control at their fingertips, and high resolution with reliable, scalable way. It is a device which is compatible not only with hardware, but software solution from other Operating System as Android OS, windows OS, iOS, MacOS, Chrome OS are also available with. AeroShare provides a brain new idea with improving meeting room efficiency, engagement, and productivity.

Feature Synopsis:

Features	Description
Plug & Play	Set up AeorShare Rx with HDMI & power adapter, and connect HDMI & USB cables on Tx, and click the button on your Tx to start presenting immediately.
No Software Installation	No need for software installation or execution. Just plug into your PC or Mac with HDMI & USB interface and start presenting immediately.
Video/ Conference Mode	Switch button between Conference mode and Video mode for precise frame rate and smooth 1080p video.
Point to Point Connection	You could use the Rx as Wi-Fi router, and start the presentation without using environment Wi-Fi.
4 Split-screens	Support 4 split screens mirroring. It would enhance the meeting efficiency for group meeting communication and information integration.
Cross Platform Compatible	Compatible with Windows OS, Mac OS, Android, Chrome, iOS,
Touch-back Control	Using Interactive Flat Panel with AeroShare would be able to control the laptop/computer while doing the presenting. It supports max. 10 points touch.

Package Content:

		
1x Receiver (Rx)	2x Transmitter (Tx)	1x Tx Holder
		
2x HDMI cable for Tx	2x USB cable for Tx	1x HDMI cable for Rx
		
1x AC adapter	1x AC adapter cable	Quick Start Guide

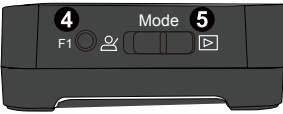
- Always keep the product and accessories out of reach of children.
- Use Original accessories to ensure compatibility.
- Available accessories and the pictures shown here may different from the product supplied for your region.
- The standard AeroShare kit consists of a AeroShare Receiver and two Transmitters. If needed, you can buy additional Transmitter and holder to store the Transmitter.

Product Specification:

General Specifications	
Support Platform	Windows, Mac, Chrome, Android, iOS
Video Outputs	HDMI 1.4a comply with HDCP
Output Resolution	Max. 1920x 1080
Input Resolution	Max. 1920x 1080
Simultaneoulsy Connections	Max. 64*
Reach	Max. 10m
Operating Temp.	-5°C~45°C
Operating Humidity	20%~80% RH
Storage Temp.	-20°C~60°C
Storage Humidity	5%~93% RH
AeroShare Transmitter	
Wi-Fi	802.11 b/g/n, 2.4G 2T2R
Connection	MicroUSB x1, HDMI Type-A x1
Mode Key	Conference Mode/ Video Mode
Power Key	5V/900mA
Dimension	70 x 70 x 20 mm
LED	Red (Boosting), Green (Ready for connection), Blue (Presenting)
AeroShare Receiver	
Wi-Fi	2.4G/5G 802.11ac/a/b/g/n
USB	2 (USB Type-A 2.0x1+ USB Type-A 3.0x1)
HDMI In	1 (Type-A)
HDMI Out	1 (Type-A)
Power	DC Jack (DC 5521)
LAN	1 (RJ45)
SD Card Slot	1
Dimension	100 x 106 x 25mm
Power Supply	5V 2.5A
Button	Power Key

Hardware Introduction: Transmitter

Overview:

		1. Present key with LED indicator. (For LED indicator, please see the tablet below.)
		2. HDMI: Provide Image and audio from the computer
		3. Micro USB: Provide Tx power & Touch back control.
		4. F1: Press and hold for 5 seconds to reboot Tx
		5. Slide Switch: Switch between conference Mode/ Video Mode
		6. Micro SD card slot

LED indicator of AeroShare Hardware Transmitter:

Please refer to the tables below for detailed indicator and status descriptions for AeroShare Tx.

LED indicators on Transmitter	Status Description
Static Blue	The device is presenting
Flashing green	The device is unstable connecting.
Static green	The device is ready to start present.
Flashing orange	The device is not HDMI input source.
Flashing red	The device is not connecting.
Flashing white	The device is in pairing state.

Video Mode and Presentation Mode on Tx:

1. Presentation Mode:

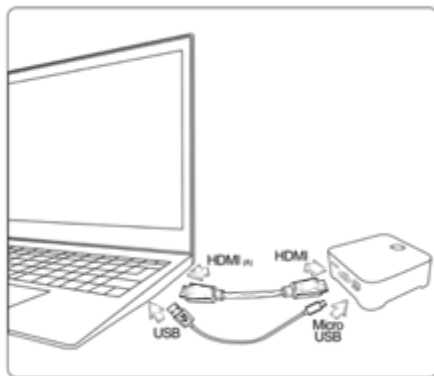
By enabling presenter to quickly customize the projection productivity or wireless Full HD video, users can confidently clear text, graphs, pictures by using presentation mode.

2. Video Mode:

If the presenter want to present video smoothly, switch to Video mode on Tx. The video image on the display can play full HD video smoothly

*AeroShare is primarily for the use of business presentation which documents such as PowerPoint, Word, Excel, PDF.

How to connect Hardware Transmitter solution with computer



Connect the Transmitter HDMI (20cm) and USB connector to the corresponding inputs of your laptop. The LED indicator of the AeroShare Transmitter button will turn **RED** before pairing.

When the AeroShare is ready to present, the LED indicator will turn Green

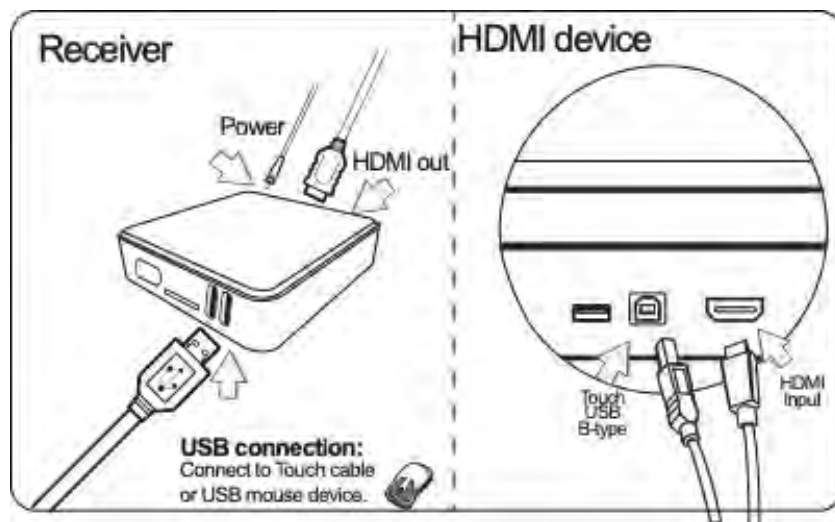
Hardware Introduction: Receiver

Overview:

A line drawing of the AeroShare Receiver front panel. It features a power button (1), an IR sensor (2), a NET port (3), a POWER port (4), a USB 2.0 port (5), a USB 3.0 port (6), an SD card slot (7), an HDMI IN port (8), a LAN port (9), an HDMI OUT port (10), an IR BLASTER port (11), and a DC power port (12). The ports are labeled with their respective functions.	1. Power Key: Press to turn the AeroShare Rx on and off.
	2. USB 2.0/ 3.0 port: Connect to USB 2.0 for Touch cable, or, USB 2.0/3.0 for mouse.
	3. SD Card Slot: Provide extra 32GB memory to storage screenshot or videos.
	4. LAN: Access to internet
	5. HDMI IN
	6. HDMI Out: Connect to a display using a cable HDMI(A) to HDMI(A)
	7. DC power port: Connect to an adapter for power supply.

How to install AeroShare Receiver (Rx):

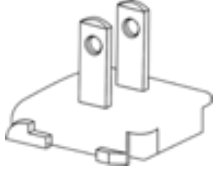
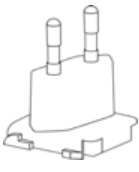
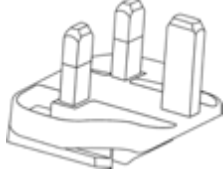
AeroShare Receiver is compatible with almost any HDMI interface devices, such as: IFPD, TV, Projector...etc.



- USB B-type is only using for Touch device. You can also use USB mouse device to control AeroShare.

Assemble the Power adapters:

In the AeroShare Hardware box, there are three power plug adapters: USA, Europe, and UK, as shown below:

	USA	Europe	UK
Type			

To connect the plug of your choice, follow the step below:

1. Align and insert the bottom hook to the adapter.
2. Close the gap by pushing the plug.
3. The adapter is successfully assembled when it clips into place.

Connect the supplied USB power adapter to the DC power jack of the AeroShare Rx and plug the other end into a wall socket. The LED indicator on the power button of AeroShare Rx lights up static Green when it starts.

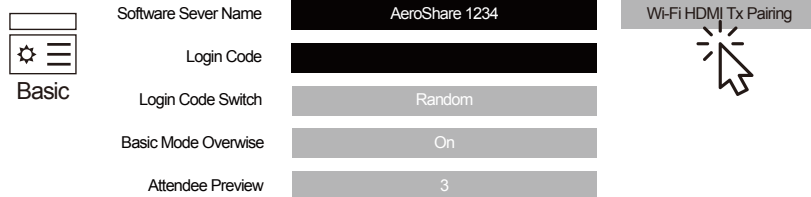
How to pair Rx & Tx: Wi-Fi Pairing/ Hotspot Mode

Note: All Tx & Rx are paired in factory, therefore it is not required to pair again if you are using it out of box.

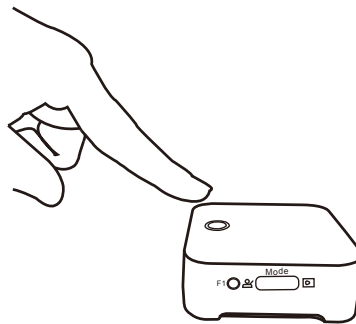
However, when changing to Wi-Fi or adding additional Tx, please follow the pairing steps below:

Hotspot mode: Use AeroShare as an Access Point

Step 1 Open the Basic setting mode, and choose “Wi-Fi HDMI Tx Pairing”.



Step 2



Press hold down until the LED flashes white.

Step 3 Get the password of Wi-Fi router and start pairing.

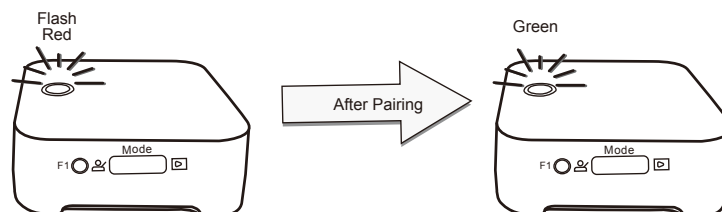
SSID of WiFi router AeroShare 1234
Password of WiFi router

Firmware update

Pairing



Step 4 The LED turn green & restart the AeroShare app again.

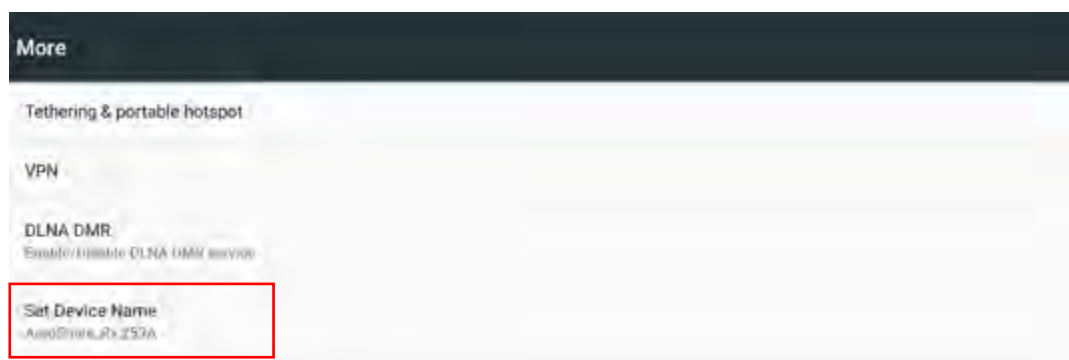
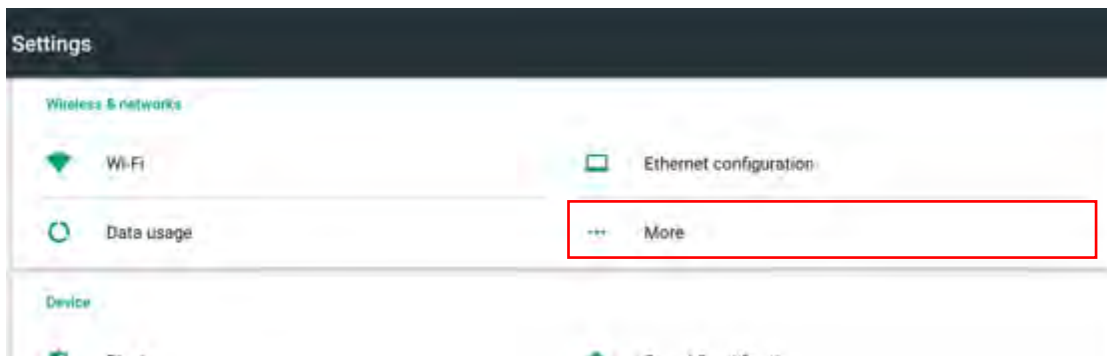


Note:

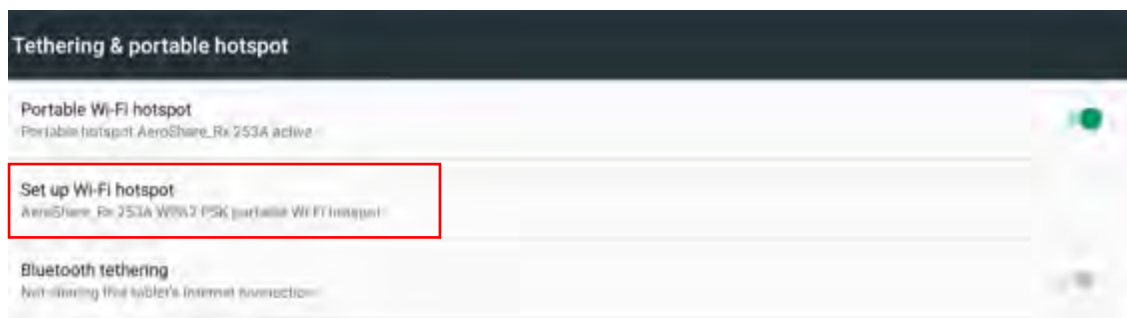
- You can plug in the LAN cable in RJ45 port, if you need to access internet while using AeroShare hotspot mode. However, please completely connected before power on. If not, please press the power button on Rx to re-start to avoid double IP occurrence.

Setting Hotspot:

In Android setting, click “more” and choose “Tethering & portable hotspot” to the hotspot setting. You could also choose “Set Device Name” to change the hotspot SSID.

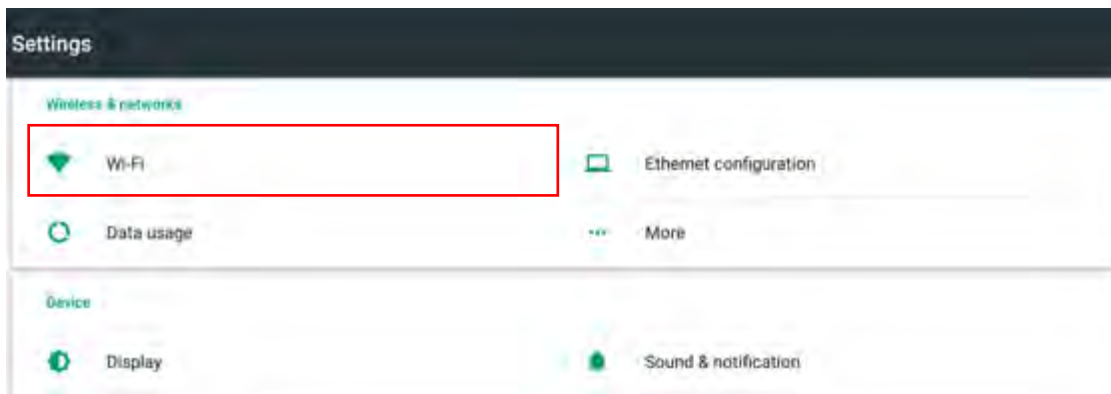


Click set up Wi-Fi hotspot, it would be able to check hotspot setting and passwords. (Note: The default of hotspot password is: **12345678**)

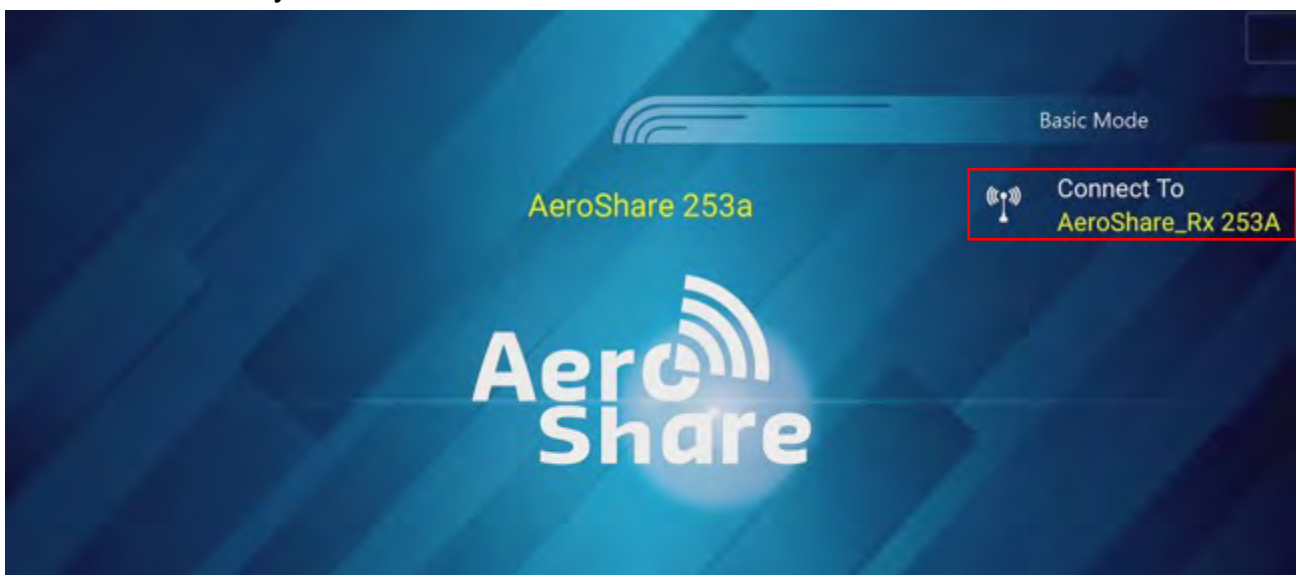


Wi-Fi mode: Use local Wi-Fi as an Access Point.

1: Open Wi-Fi: Open Android Setting menu and click Wi-Fi to the setting menu.



2: Select the name of your Wi-Fi network from the list of available networks.



3: Enter your Wi-Fi **password** and then tap **Connect** to finish.

Back to the homepage, the SSID would be shown under the Connect To sign.

Note: if you change Wi-Fi/ hotspot setting, the paired hardware Transmitter must be paired again.
Please follow "How to pair hardware Transmitter" step instruction below

Function Introduction

Key introduction: Home Page



	Item	Description
1	Assistive Touch	Control panel for other function such as screenshot, system setting, application.
2	Receiver Name	The receiver name of this device.
3	Mode	Basic Mode/ Conference Mode
4	Connect To	a. Show the upper AP router SSID via Wi-Fi connection. b. Show the “Receiver Name” when using the receiver as the Wi-Fi hotspot. c. Show “LAN” via LAN connection.
5	Assistive Helper*	The control panel and main functions of AeroShare Display.
6	AirView	When connecting to the same network domain, enter the IP address through internet browser to see screen mirroring on your own device. Share the image to Max. 64 participants**.
7	Login Code	4 digits to ensure client connect to the correct receiver server.

*For more details about “Assistive Helper”, please see the function introduction on Page 14

** The max. Participants of AirView is depends on the internet environments.

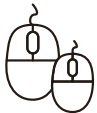
Assistive Touch:

	Item	Function
	Floating Ball	Click to expand the floating ball on the left hand side of AeorShare home page. See the functions button below.
	Home	Return to the Home page
	Back	Return to the previous page.
	Screenshot	Take screenshot, and keep in the AeorShare Rx memory.
	Application	Open application installed in the Tx.
	Android Settings	Open Android settings.

Assistive Helper

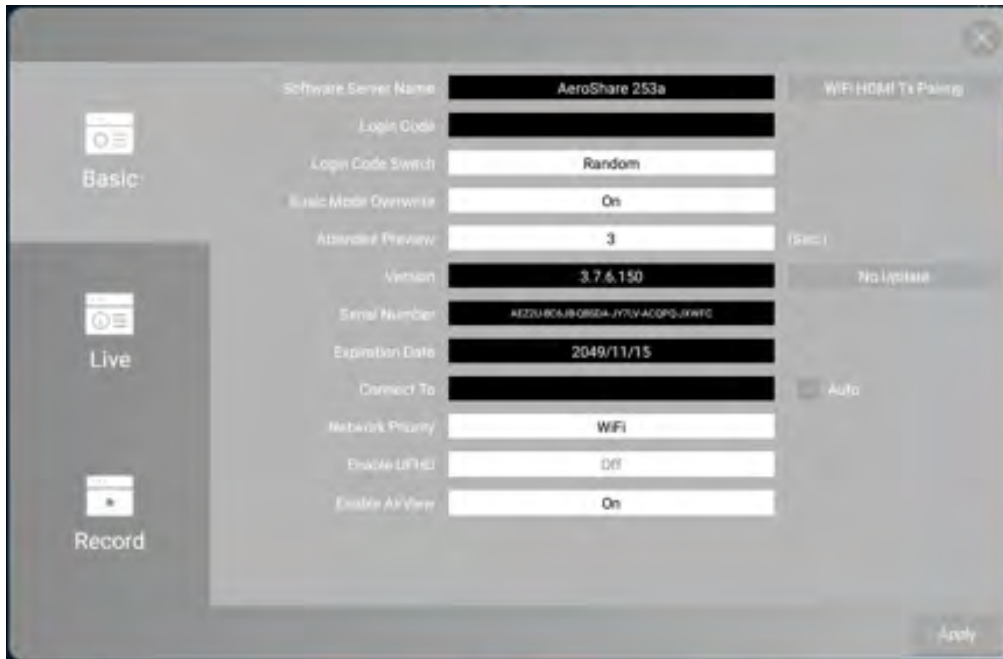
Press the Assistive Helper to open the function pie in anytime, press again to fold the function pie



Function Key	Description
	Record: Record your screen into storage.
	Live Stream: Live stream your screen to the streaming platform.
	Go to the settings window of AeroShare receiver server.
	Show Tx's screens preview on the left side bar.
	Annotation: Drawing annotation on the screen and save the image in the storage.
	Stop: Stop all mirroring screens on the receiver.
	Switching between Basic Mode and Conference Mode . Basic Mode: No matter what kind of device would be able to log in only if they can get the login code. Conference mode: Only H/W Transmitter could share their image.
	Enable/ Disable Touch-back control function. Controlling from Display to Windows/ Mac/ Chrome PC.

Setting in the function pie:

Basic:



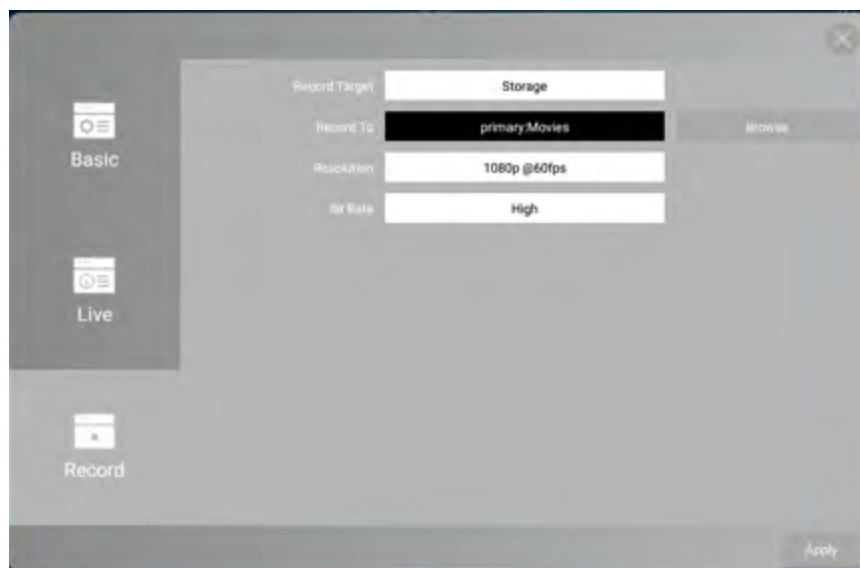
Software Server Name	Setting Device Name
Login Code	Setting Login Code when Login Code Switch to “ON”
Login Code Switch	Off/On/Random
Basic Mode Overwrite	On/Off
Attendee Preview	Preview list setting in conference mode
Version	AeroShare Firmware could update if there’s new version release.
Network Priority	Wi-Fi or Ethernet
Enable AirView	Enable/ disable AirView function

Live: Setting information while streaming on YouTube



Resolution	1080p@ 30fps
Bit Rate	Normal
RTMP URL	The data information would be assignment automatically when click "URL & Key File" and choose the txt. Document.
Stream Key	

Record:



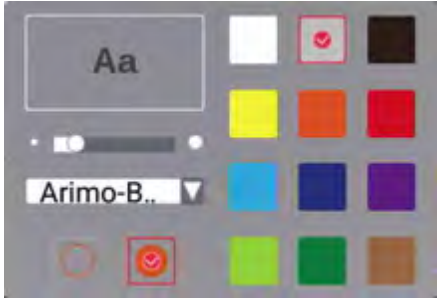
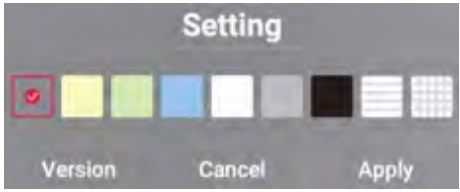
Record Target	Storage
Record To	Primary: Movies
Resolution	1080p@60fps/ 1080p@30fps/ 720@60fps
Bite Rate	High/ Normal/ Low

Operation:

A.Annotation: Annotation tool could be open any time.



 Pen Tool		Adjust the size and color of Pen.
 Highlight Tool		Adjust the size, transparency, color or highlight.
 Shape Tool		Adjust the Size, shape, color.

 Text Tool		Adjust font size, font color, font type.
 Eraser		Adjust the size of eraser
 New Page		Create new page.
 Setting		Adjust the color of your background, Select 'Version' to check the annotator version that installed Select 'Cancel 'to return to annotator Select 'Apply' to apply any change
 Exit	 	Select 'Pause' to pause annotator Select 'Exit' to exit annotator
		Minimize

B. AirView:

AirView allows screen content sharing from main display to laptop, tablet PC and smart phone devices while having a meeting in a large convention room. Access the IP listed on AeroShare opening screen, and connect to the same SSID with AeroShare, viewers may see main display content on his own device without installing any software.

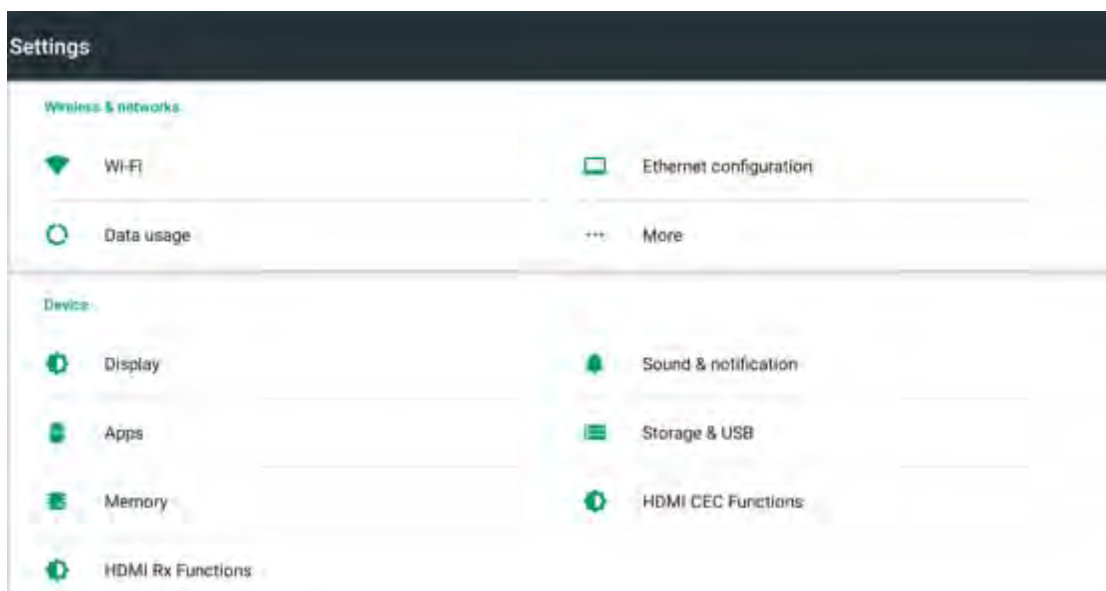


C. Screenshot:

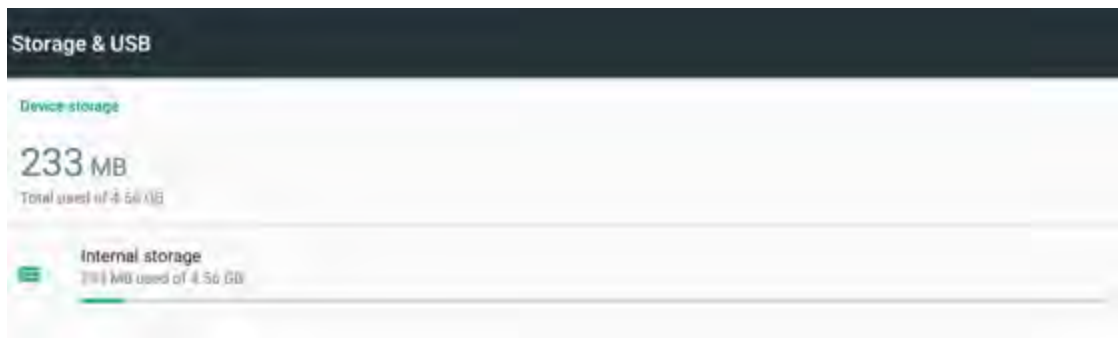
Click the assistive Touch and choose the screenshot button. It would be storage in the internal storage or SD card.

How to move the screenshot to USB flash driver:

1. Open the Android setting menu, and choose storage & USB.



2. Choose the internal storage and check the "Images file" in your memory.

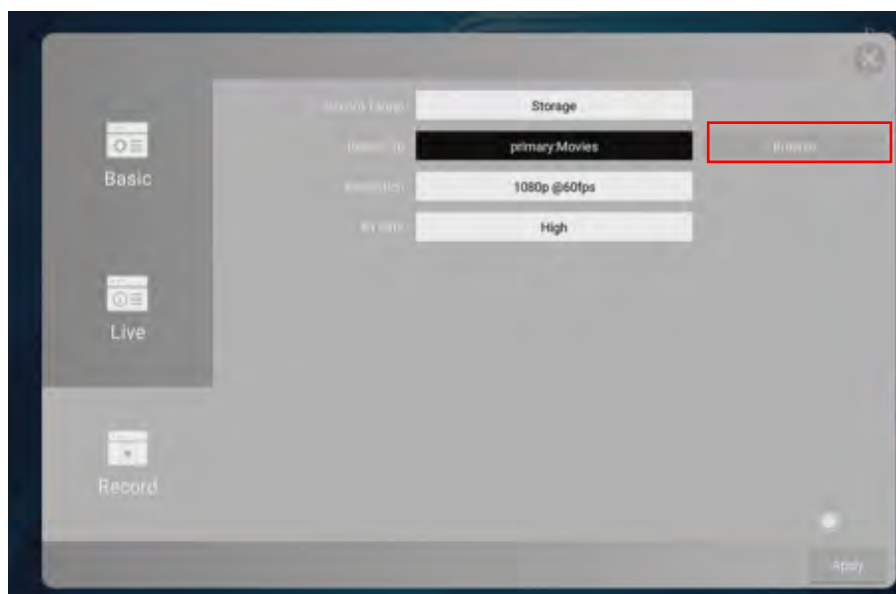


3. Choose the screenshot picture and press the picture for 5 seconds to select the image you want to move.
4. On the menu of your right, choose the menu: **copy to**, to choose the destination of the image.



D. Record:

Record Directory set up: Click “Browse” to choose a directory, and click “setting button” at the top right, and choose “show SD card”. Select the Storage to save the record file.





After setting which file you want to storage, please click apply to restart AeroShare.

Start Recording:

When starting to record, please open the Assistive helper and press  to start record.

Select the “Record” icon on the action shortcut, and the record icon will change to , press again to stop recording. After all, the document will be stored in internal memory, or SD card.

E. Streaming

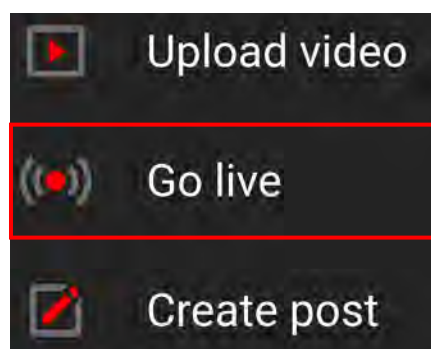
AeroShare could connect with streaming platform, such as, YouTube Twitch etc. In this user manual, we would take **YouTube** as the sample

Before you create a live stream, you’ll need to enable your channel for live streaming:

1. Confirm that your channel is verified and that you have no live stream restrictions in the last 90 days.
2. Enable live streaming: On desktop, go “Creator Studio tools, then go the “Live Streaming” tab.
3. Click the upload icon in the upper right hand corner .

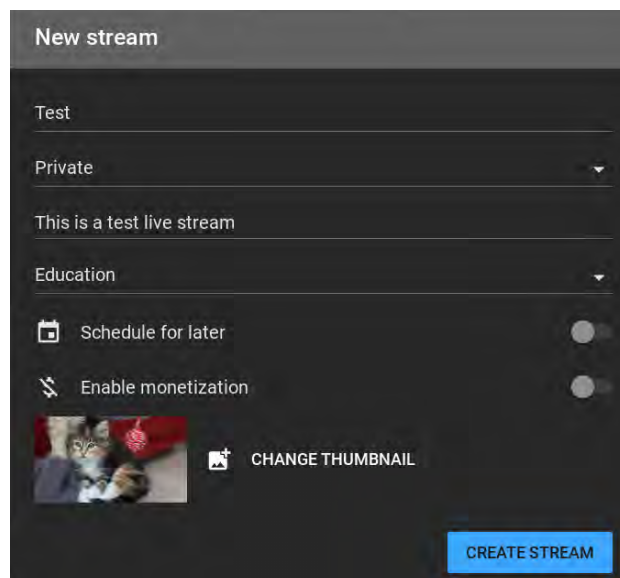


4. Click “**Go Live**”. (Clicking this will take you to the “Live control room”, where you can set up your streams and go live)



5. Set up your new Streaming Data.

- Add a Title.
- Select whether the live stream is Public, Unlisted, or Private.
- Add description.
- Add a category.
- Schedule the live stream for later.
- Enable monetization.
- Add a custom thumbnail.
- Click Settings for advanced setting for enable or disable chat, change latency and so forth.



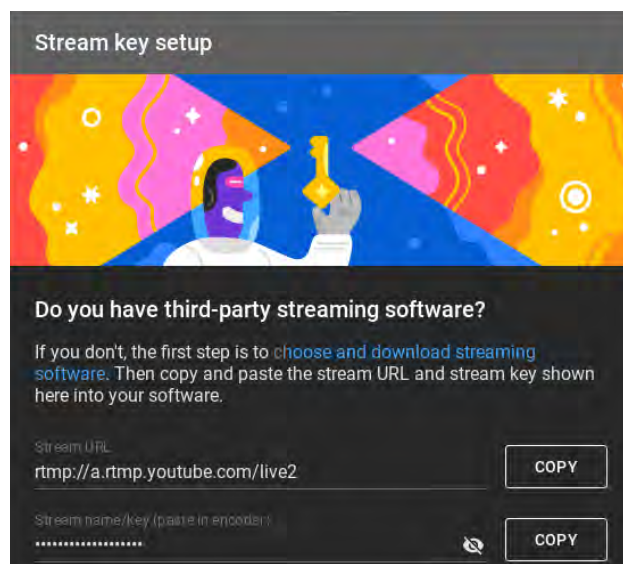
Note: You can create a new live stream by copying stream settings, privacy, and details from a previously stream.

6. Click the “Create Stream” button.

7. Use the Stream Key Setup to setup your encoder software.

Copy the **Stream URL** and **Stream name/key (paste in encoder)** to windows .txt document.

After saving the .txt file, please move the document to the USB flash driver and connect to the AeroShare USB port.



8. After open AeroShare Setting to the **Live** page, select “Open URL & Key File”. Please choose the .txt document, and the RTMP URL and Stream Key would be assignment automatically. And press “Apply”, AeroShare would start connecting to the YouTube.



9. If all the setting is perfect, AeroShare is waiting for streaming. Please click **Live Dashboard** to go live.