

MaitreView™ 4KLite

User Manual



Before You Begin

- Follow all instructions during use.
- Provide proper ventilation and air circulation and do not use near water.
- It is better to keep it in a dry environment.
- Place the device on a stable surface (for example cart, stand, table, etc.).
- The device should be installed indoors only. Install either on a sturdy rack or desk in a well-ventilated place.
- Make sure the rack is level and stable before extending a device from the rack if necessary.
- Make sure all equipment installed on the rack including power strips and other electrical connectors are properly grounded.
- Only use the power cord supported with the device.
- Do not use liquid or aerosol cleaners to clean the device.
- Always unplug the power to the device before cleaning.
- Unplug the power cord during lightning or after a prolonged period of non-use to avoid damage to the equipment.
- Do not stand on any device while installing the device to the rack.
- Do not attempt to maintain the device yourself, for any faults, please contact your vendor.
- Save this manual properly for future reference.

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(Note: If there is any discrepancy with the latest version, please refer official website as the primary source of information)

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For Warranty:

Please follow the warranty policy according to AV LINK's local official distributor; during the warranty period, it is recommended to keep your proof of purchase, accessories, and packaging in place.

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1. OVERVIEW

Thank you for the purchase of our product, MaitreView™ 4KLite is a true 4K HDMI Video Processor. The core engine is powered by the advanced 4K video processing algorithms driving on FPGA, it allows up to 4-HDMI inputs and output on 2 HDMI output, where all inputs and outputs of MaitreView™ 4KLite support uncompressed 4K/60Hz 4:4:4 (18 Gbps bandwidth) that never loses any details on your important data.

MaitreView™ 4KLite is designed to meet the needs of hospitality, industry, transportation, corporate, design house, education, entertainment, esport, or house of worship, retail, or any application you feel fit, you will feel the power of flexibility to suit your purposes.

MaitreView™ 4KLite offers real-time 4 split layers deploying on one screen, and independent layouts processing on 2 outputs, by using seamless switching technology between multiple sources, independent layouts can be processed on each output, enhancing productivity and creativity. Users can decide to switch between default layouts and single view modes on each output, which gives you complete flexibility to show video easily and efficiently. Independent layouts can display on each output and offer magnificently flexibility to most scenarios for conferencing and collaborative work.

MaitreView™ 4KLite offers flexible control of Web, Android tablet APP & iPad APP, IR (remote control), and front buttons. This manual will help you create and configure your layouts and other features effectively and efficiently.

Now it is your turn to explore creativity and enhance productivity with MaitreView™ 4KLite.

1.1 PACKING

The device packing includes the following:

	<p>MaitreView™ 4KLite x 1</p>
	<p>12V/5A Power adaptor x 1</p>
	<p>Rack-Mounting Ear Set (part No.:3ME-FI-02249) Earset screw pack (part No.:3ME-SC-00490)</p>
	<p>Remote control x 1</p>
	<p>Quick Start Guide x 1</p>

1.2 APPLICATIONS

MaitreView™ 4KLite is a powerful device that can be used in:

- Hospitality
- Industry
- Transportation
- Corporate
- Design House
- Education
- Entertainment
- Esport
- Fashion
- Government
- Health Care
- House of worship
- Retail

And any application which requires seamless switching and powerful video processing.

1.3 FEATURES

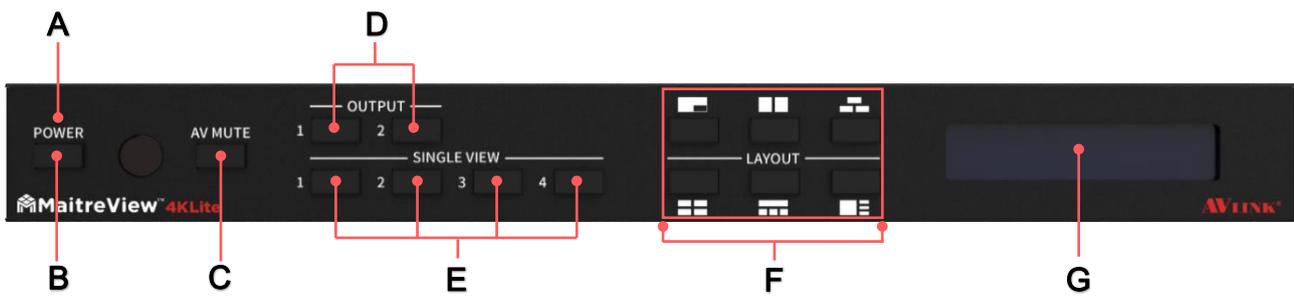
- Unparalleled video processing engine
- 4K/60Hz multi-window video processor
- 4x HDMI 2.0 inputs and 2x HDMI 2.0 outputs
- Independent layouts on 2 outputs
- All inputs and outputs support up to UNCOMPRESSED 4K/60Hz 4:4:4 (18 Gbps bandwidth)
- Seamless switching between multiple sources
- Front panel display (LCM)
- Independent layouts processing on each output
- 4 split layers (4K) on each output
- Powerful video processing algorithms driving on FPGA
- 6 Preset Modes on device and more on Web & Android tablet APP & iPad APP
- Flexible control from Web, Android tablet APP & iPad APP, IR (remote control), front panel buttons, and API
- Control by push button on the front panel, remote control, or Web and Android tablet APP & iPad APP

2. INTRODUCING MAITREVIEW™ 4KLite

You can operate MaitreView™ 4KLite through the front panel, remote control, Web GUI and Android tablet APP & iPad APP. Before starting to use the MaitreView™ 4KLite, it is recommended to read through this manual to get familiar with the features and functions of this powerful multi-video processor.

2.1 FRONT PANEL

The front panel is the easiest way to operate the device, you will learn the function of each of the buttons, and the LCD display in this section.



A LED INDICATOR

The LED indicator shows the system status

B POWER

Press to power on/off the device

C AV MUTE

Press to enable/mute audio and video

D OUTPUT

Press to choose output to display

E SINGLE VIEW

Switch to single view /full screen with specific input

F LAYOUT

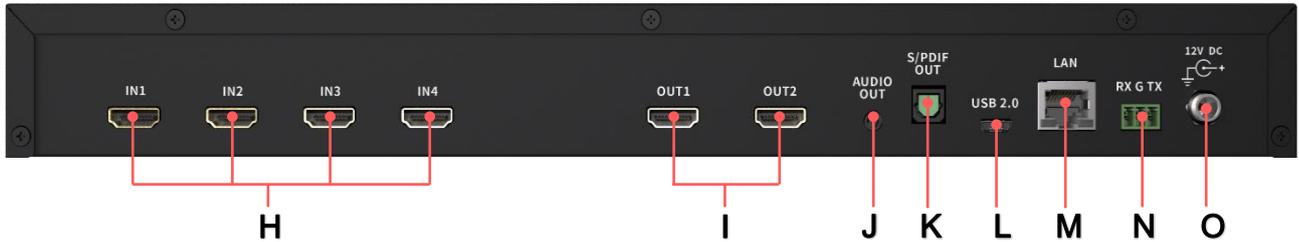
Switch to chosen layout

G LCD DISPLAY

Shows device information (the device IP address will show here)

2.2 BACK PANEL

The back panel is used for connecting the device to each input source and output display, you can also find Audio Out, S/PDIF out, USB 2.0, the LAN port, and the power socket here.



H IN 1~4

HDMI Input port. Associate to input channels 1 to 4, respectively

I OUT 1~2

HDMI output port, Associate to Output 1 and 2 respectively

J AUDIO OUT

3.5mm audio output

K S/PDIF OUT

S/PDIF audio output

L USB 2.0

For debugging purposes only

M LAN

For Ethernet connection (For Web or Remote control APP)

N RS-232 (terminal block format)

The order of RS-232 pin is RX, GND, TX

(From the left side to the right)

O DC 12V

Power port for DC 12V Power adaptor (included)

2.3 LED INDICATOR

LED indicator situated on top of the power button, the following describes LED indicator and its status:

- **Dim**
 - **NO POWER** – No power or power failure
- **Blue**
 - Steady: **IDLE** – Connected, power-on but the device is in standby mode
 - Blink: **POWER OFF IN PROGRESS** – Under power off progress
- **Green**
 - Blink: **POWER ON IN PROGRESS** – Under the power-on process
 - Steady: **NORMAL** – After power-on, under normal operation mode
 - Blink once: **GET IR SIGNAL** – Receive IR signal
- **Red**
 - Steady: **ERROR/FAILED** – Faulty connection or error occurred, need to check for error
- **Orange**
 - Steady: **POWER OFF CONFIRM** – Remote control switch off mode confirmation status

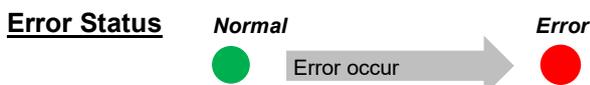
The LED status shown below indicates the LED progress.



When there is **no power** ► once **plug-in power cord** with electricity supply, the LED will turn Blue, to show it is in **idle** status ► when **power button pressed**, the LED will blink in green, to show **power on progress** ► after the power-on process completed, it will show steady green for Normal status.



When normal status, if IR signal received ► the LED, will blink ► after operation executed, the signal will go back to normal in Green LED, if there is error LED will turn Red.



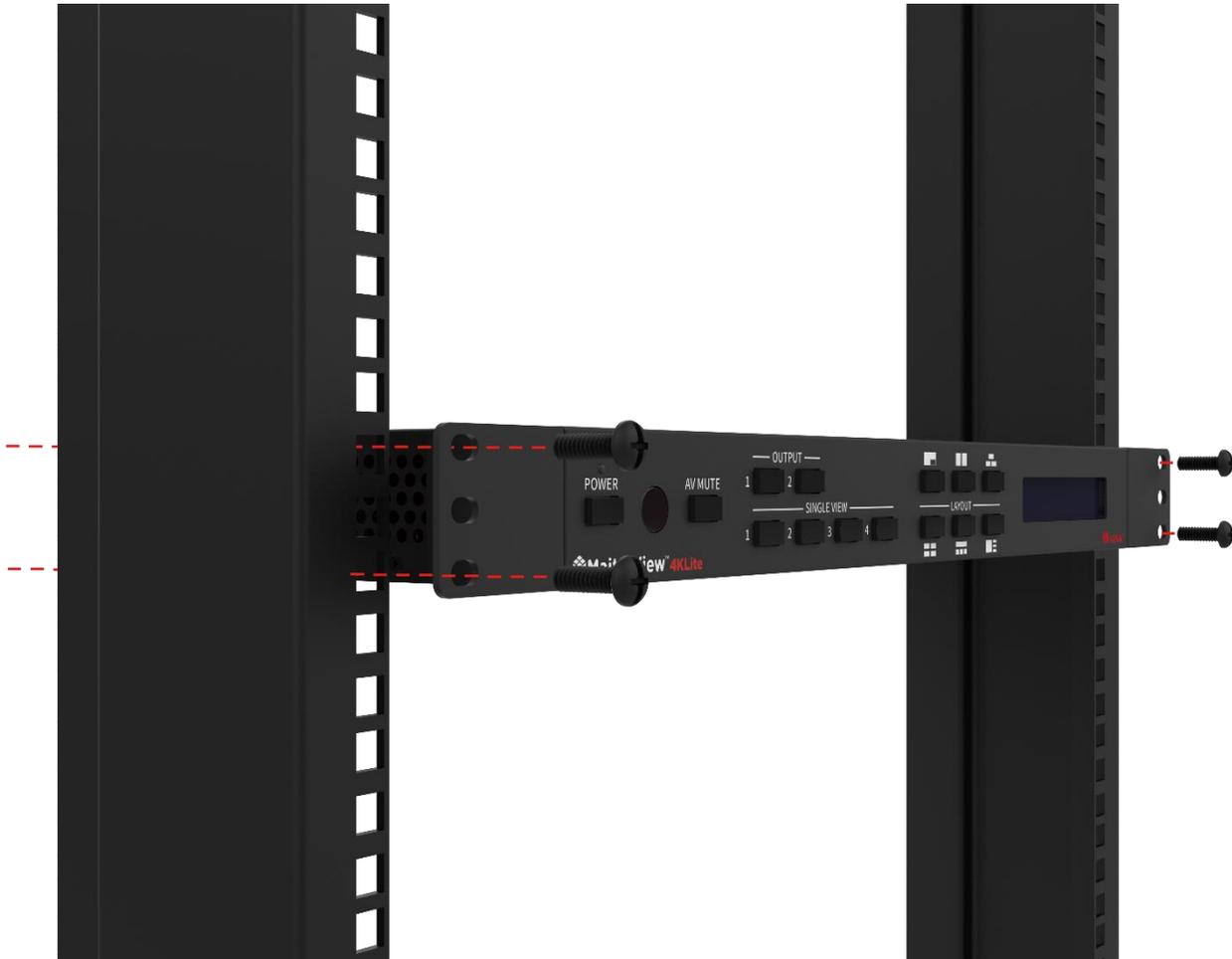
When Normal status, if there is any error, the LED will turn Red immediately, please check for error.



To turn the power off, if Power is pressed LED will turn Orange ► during this time, you will have 8 seconds to press Power again ► this will start the power off progress the LED will blink in Blue after the blue LED turn steady, the LED will get back to idle and turn Blue.

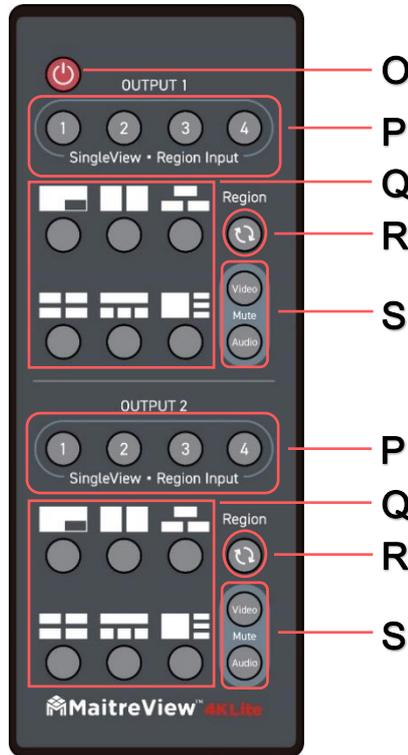
2.4 RACK MOUNT/EARSET INSTALLATION

MaitreView™ 4KLite device can be installed with a rack-mount (earset) or without a rack mount (earset), all the mounting kit is included in the pack when you need to mount on the mounting rack, please check for the right and left earset first. There will be 6 screws included in the pack, user can fasten the screws on the earset onto the holes designed on both sides of the MaitreView™ 4KLite device, the suggested installation illustration to connect MaitreView™ 4KLite onto the rack is below.



2.5 REMOTE CONTROL

The remote control comes as an accessory that can be used to control the device, to operate, you can follow the corresponding letters for the buttons down in the diagram below to find the functions on both the top and lower sections of the remote control to control the Output 1 and Output 2 respectively.



O POWER

On: press once to switch on the device

Off: press twice to switch off the device

P SINGLE VIEW · REGION INPUT

Region input to choose from input port 1~4. Associate to input channels 1 to 4, respectively

You can choose from any of the input sources 1~4 to display on Output 1 or Output 2

Q LAYOUT

Choose any of the 6 layouts to view on Output 1 or Output 2

R REGION

Press to choose a region on Output 1 or Output 2

S MUTE

Press to enable or mute video/audio

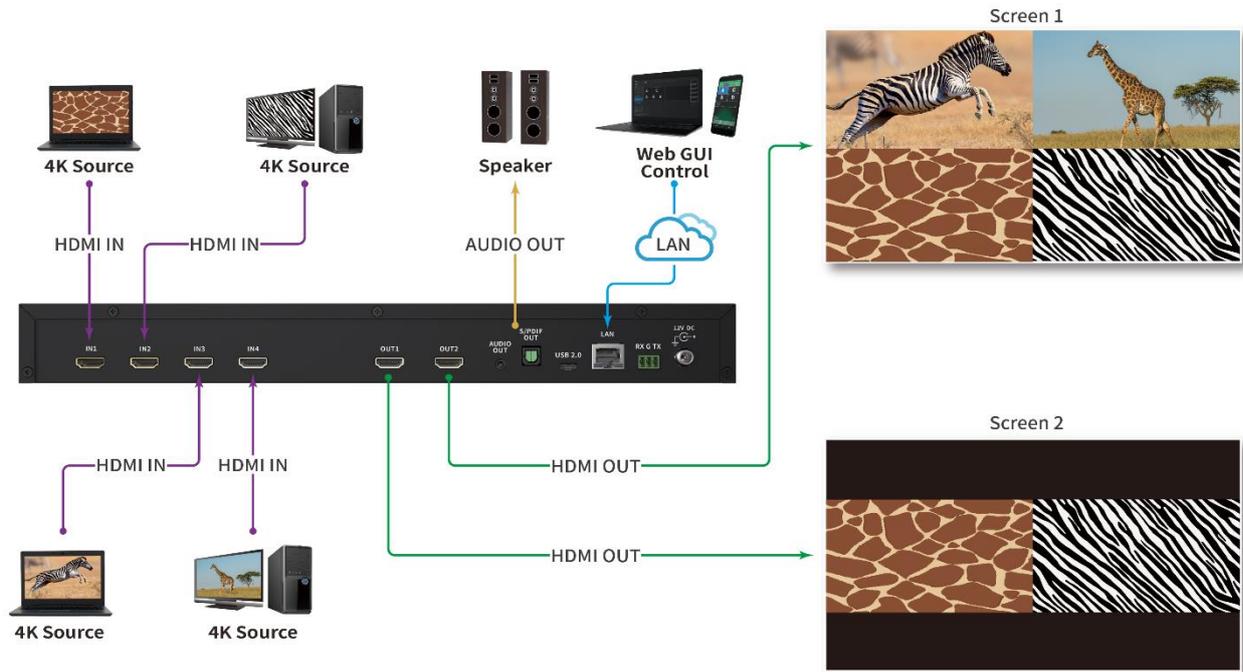
2.6 SPECIFICATIONS

Video Processing	
Technology	MaitreView™
Performance	Inputs & Outputs up to 4K/60Hz
Max. number of the split layer	4 split layers on each output port
Seamless Switch	Available when changing sources or Presets
Region	1 per layer, Max 4 layers per output
Configuration & Control	
Interface	Front panel, Remote Control, Web, Remote control APP (Android tablet and iPad)
Front Panel	
LCM	Display IP & device information (status)
LED	System Status
Control Ports	
Ethernet	RJ45 Connector
Speed	10/100/1000M bps
RS-232	3-pin Terminal Block Header
Video Inputs	
Input connectors	4 x HDMI – HDMI 1.4~2.0 & HDCP 1.4 & 2.2 compatibility
Resolution support	4096x2160p, 30/50/60Hz 3840x2160p, 30/50/60Hz 1920x1080p, 60Hz 1280x720p, 60Hz
	XGA 1024x768, 60Hz SXGA+ 1400x1050, 60Hz UVGA 1600x1200, 60Hz WXGA 1280x800, 60Hz WSXGA 1680x1050, 60Hz WUXGA 1920x1200, 60Hz
Color format support	RGB, YcbCr 4:4:4, 4:2:2, 4:2:0
Color depth	8 Bits
Color space support	BT.2020 /709 /601
Video Output	
Output connectors	2 x HDMI – HDMI 1.4~2.0 & HDCP 1.4 & 2.2 compatibility
Resolution support	4096x2160p, 30/50/60Hz 3840x2160p, 30/50/60Hz 2560x1080p, 50/60Hz 1920x1080p, 50/60Hz
Color format support	RGB, YcbCr 4:4:4, 4:2:0
Color depth	8 Bits
Color space support	BT.2020 /709 /601

Analog Audio Output	
Connector	3.5mm phone Jack
Format	Analog Output
Supported sampling rate	48kHz
Sample size	24 bits
Supported channels	1 Stereo pair
Digital Audio Output	
Connector	Toslink
Format	Digital Output
Supported sampling rate	48kHz
Sample size	24 bits
Supported channels	S/PDIF
Mechanical	
Dimensions (L x W x H)	383mm x170mm x 43mm
Weight	2.05Kg
Housing	SGCC(Galvanized steel plate)
Environmental	
Operating Temperature	0° to +40°C (+32° to +104°F)
Storage Temperature	-10° to +70° C (+14° to +158° F)
Power Supply	
External	IN:100V-240VAC OUT: DC 12V/5A
Connector	Locking
Power cable	x 1
Power consumption	40W (Max consumption during machine operation)
Accessories included	
Quick Start Guide	x 1
MaitreView™ 4KLite unit	x 1
Power Adapter	IN:100V-240VAC OUT: DC 12V/5A LOCK DC JACK
Remote Control	x 1

2.7 CONNECTIONS

MaitreView™ 4KLite can connect up to FOUR 4K/UHD multi-video sources which may simultaneously output on two 4K/UHD displays.



2.7.1 RS-232 Connection protocol

- Baud Rate = 115200 bits per second as default
- Data Bits = 8
- Stop Bits = 1
- Parity = None
- Flow Control = None
- Carriage Return = Required at end of each string

3. FRONT PANEL

3.1 SELECT SINGLE VIEW

MaitreView™ 4KLite allows independent layout processing on 2 outputs. Users can switch between preset layouts and single view modes on each output, which gives you complete flexibility to show video easily and efficiently. To load single view use MaitreView™ 4KLite from the front panel, you can do the following:

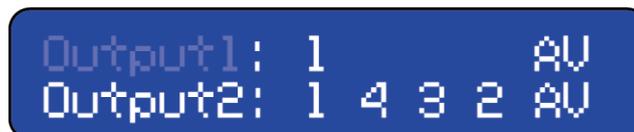
① Choose Output 1 or Output 2



② Choose any of Input 1~4

Select Output 1 or Output 2 ► press Input 1~4 on Single View

1. Choose Output 1 or Output 2, for example, if Output 1 is pressed, then Output 1 will be flashing on the LCD
2. Select Input 1~4 from Single View, for example, if input 1 is pressed
3. Then selected output will be flashing and the result is shown below:



4. On the output screen, the selected input will be displayed

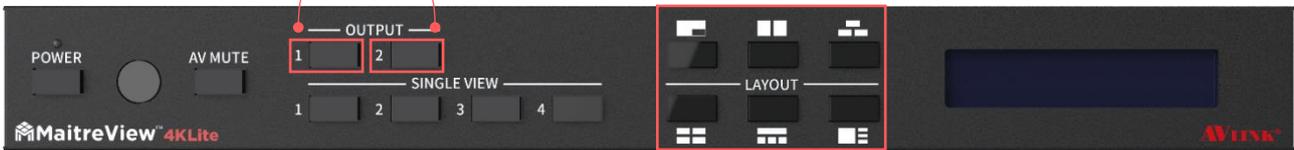


📄 Please note, if no action after 8 sec, then the uncompleted action will be cancelled.

3.2 SELECT LAYOUT

MaitreView™ 4KLite offers real-time 4 split layers deploying on one screen, and independent layouts processing on 2 outputs. To select the default layout from the list, you can do the following:

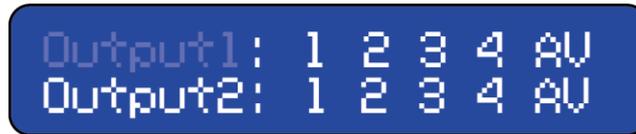
① Choose Output 1 or Output 2



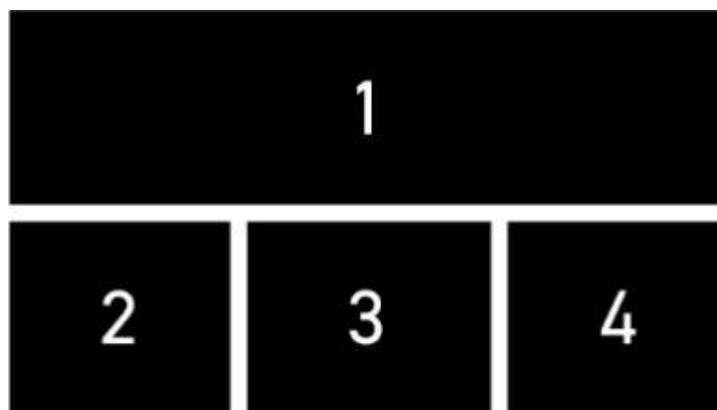
② Choose any layout

Select Output 1 or Output 2 ► Choose a layout

1. Select Output1 or Output2, for example, if Output 1 is pressed, then the selected output will be flashing on the LCD
2. Choose any of the default layouts, for example,  is selected
3. The layout selected will be displayed on the LCD screen and the result is shown below:

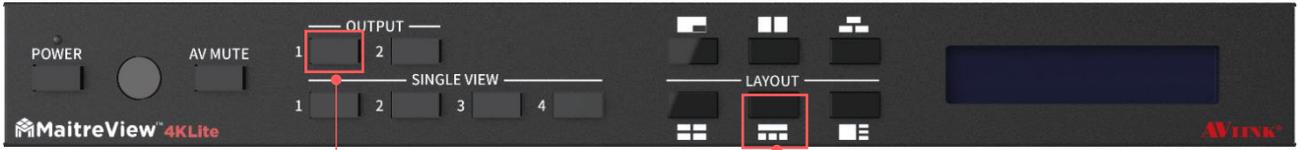


4. The selected layout will be displayed on Output 1



3.3 SWITCH REGION SOURCE (CLOCKWISE)

MaitreView™ 4KLite allows switch region sources for inputs when you repeatedly press the same layout, the input source will switch in clockwise order. When the user keeps pressing it will rotate clockwise.



① choose Output

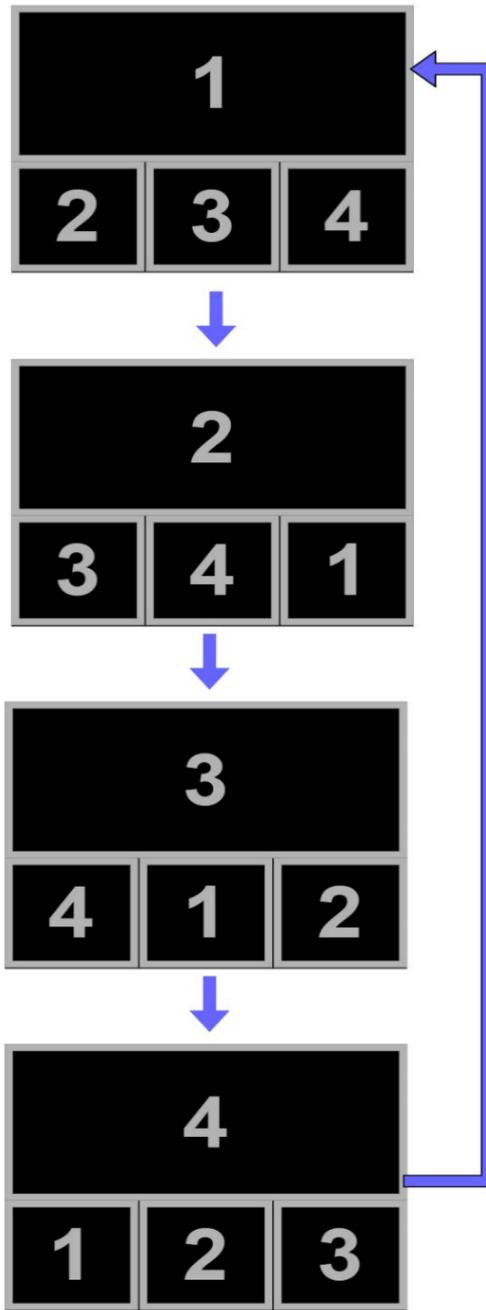
② Press layout  repeatedly

Output1: 1 2 3 4 AV
Output2: 1 2 3 4 AV

Output1: 2 3 4 1 AV
Output2: 1 2 3 4 AV

Output1: 3 4 1 2 AV
Output2: 1 2 3 4 AV

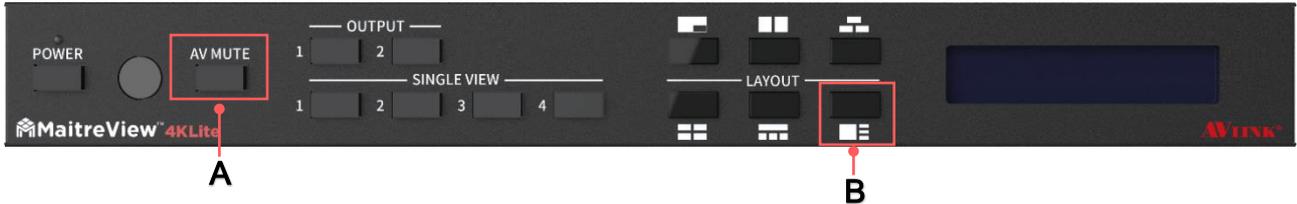
Output1: 4 1 2 3 AV
Output2: 1 2 3 4 AV



 Clockwise order start from 1234 ▶ 2341 ▶ 3412 ▶ 4123 and then back to 1234 and start cycle again.

3.4 RESET IP ON FRONT PANEL

When the device can not connect to output, you can reset the IP on the front panel. To do this you need to:

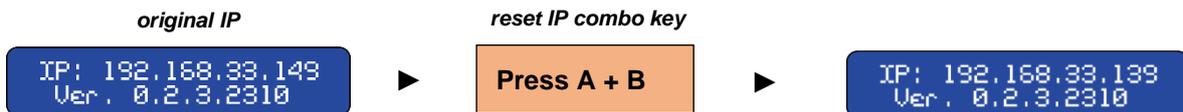


Long press A & B ► Check the new IP address on the LCD panel

1. On MaitreView™ 4KLite front panel, long press **A** and **B** simultaneously for around 3 seconds then release, this will reset to DHCP mode (IP will be assigned by DHCP server in Ethernet)
2. While reset IP is in progress, the LCD on the device will show reset IP:



3. New IP will be assigned and shown on the LCD



For change IP on the WEB, please refer to section 5.4.3.3 on page 20.

4. REMOTE CONTROL

4.1 SINGLE VIEW

Single view is a function that users can select a single region from any of the HDMI IN 1~4, you can press from 1~4 on Output 1 or Output 2. To do this you need to:



Press any input 1~4 on SingleView - Region Input

1. Press 1~4 to choose one region layout from input source 1~4 to display on Output 1 or Output 2, for example, press **3** on Output 2, then single view displays selected input on full screen in Output 2

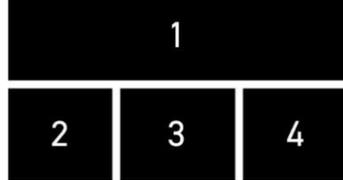
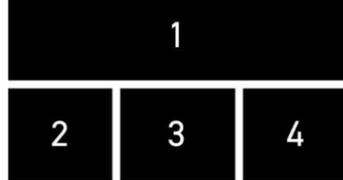


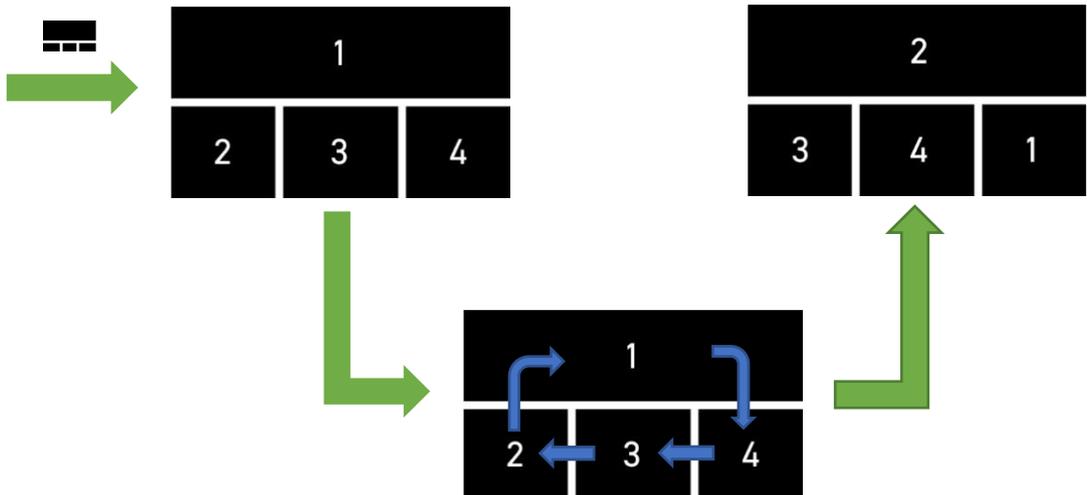
4.2 LAYOUT

On remote control there are 6 preset layout patterns, user can choose to show multiple input combinations on output. To do this you need to:



Select the layout from default patterns on the remote control

1. Select a layout by pressing the button next to the layout icon you wish to use, for example, press  once on the layout section, the layout  will show on Output 2



 If you press the same layout more than once, it will rotate clockwise.

4.3 SWITCH REGION SOURCE

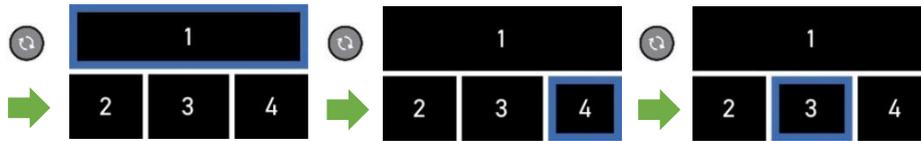
For MaitreView™ 4KLite, switching region sources can be done in two ways: clockwise or customized, using Region button on the remote control to switch region sources is the easiest way to change the input source.

4.3.1 CUSTOMISATION

You may customize the desired layout, if the selected region is already on the layout, when you switch to the input already assigned to the other region, it will swap the sources of these 2 regions, for customization you can follow the steps below:

Press Region button ► select input on SingleView · Region Input

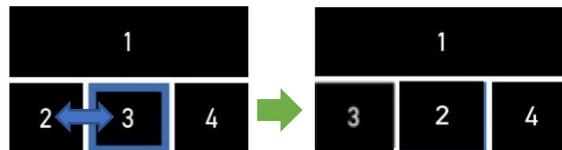
1. Press Region button several times to select region.



2. Press one of SingleView · Region Input to be the source of the selected region.



For example, the selected region's sources is input 3 and you try to switch to input 2 the source of the other region, then the source of selected region is input 2 and the other is input 3.



📄 If no action after 8 sec, then the incompleted action will be cancelled.

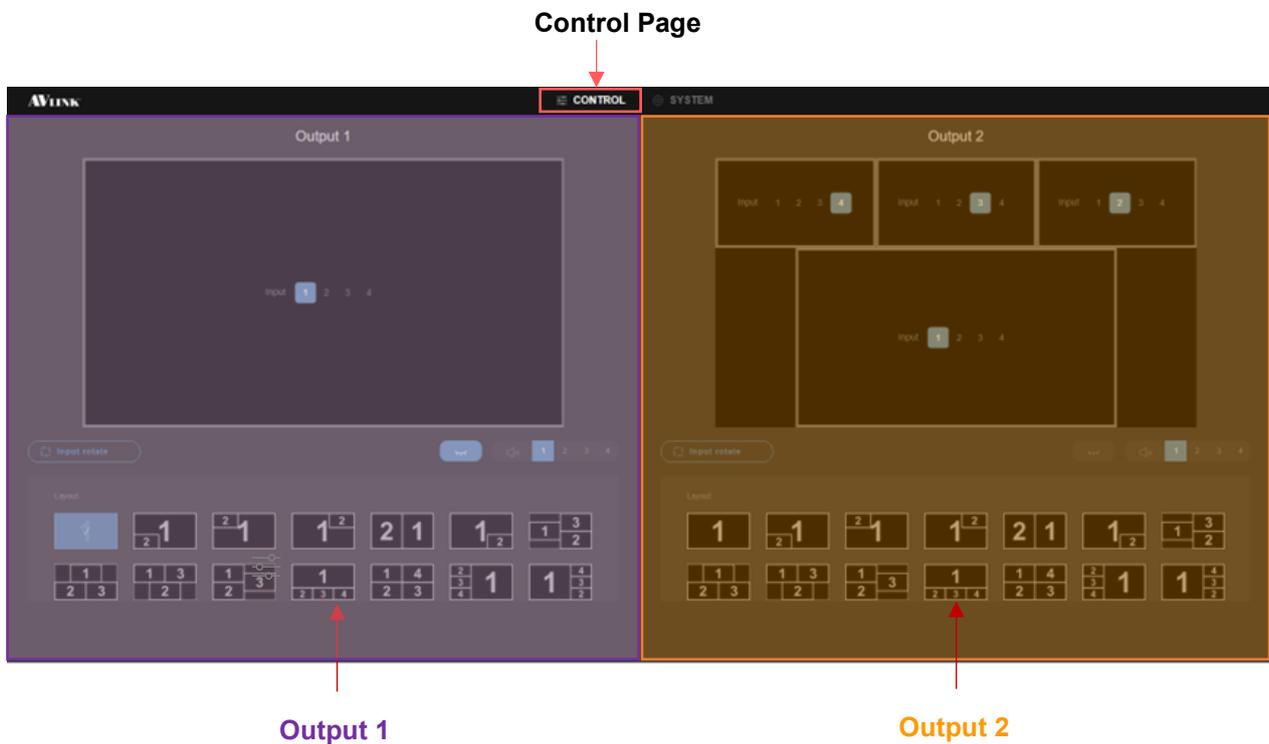
5. WEB

 To access the device through the Web, the recommended environment is Chrome with resolution 1920x1080, and zoom/scaling setting is 100%.

5.1 CONTROL PAGE

The device IP address is shown on the LCD screen on the front panel, you can type in this IP address to access the device through the Web, once successfully connected through the Web, the Control page  will appear.

On the control page , the left section controls Output 1 (shown in the purple shade), and the right section controls Output 2 (shown in the orange shade). Users can choose existing preset layouts. For ease of operation, you can click on the layout that you prefer to display on Output 1 or Output 2, the corresponding output will change simultaneously.



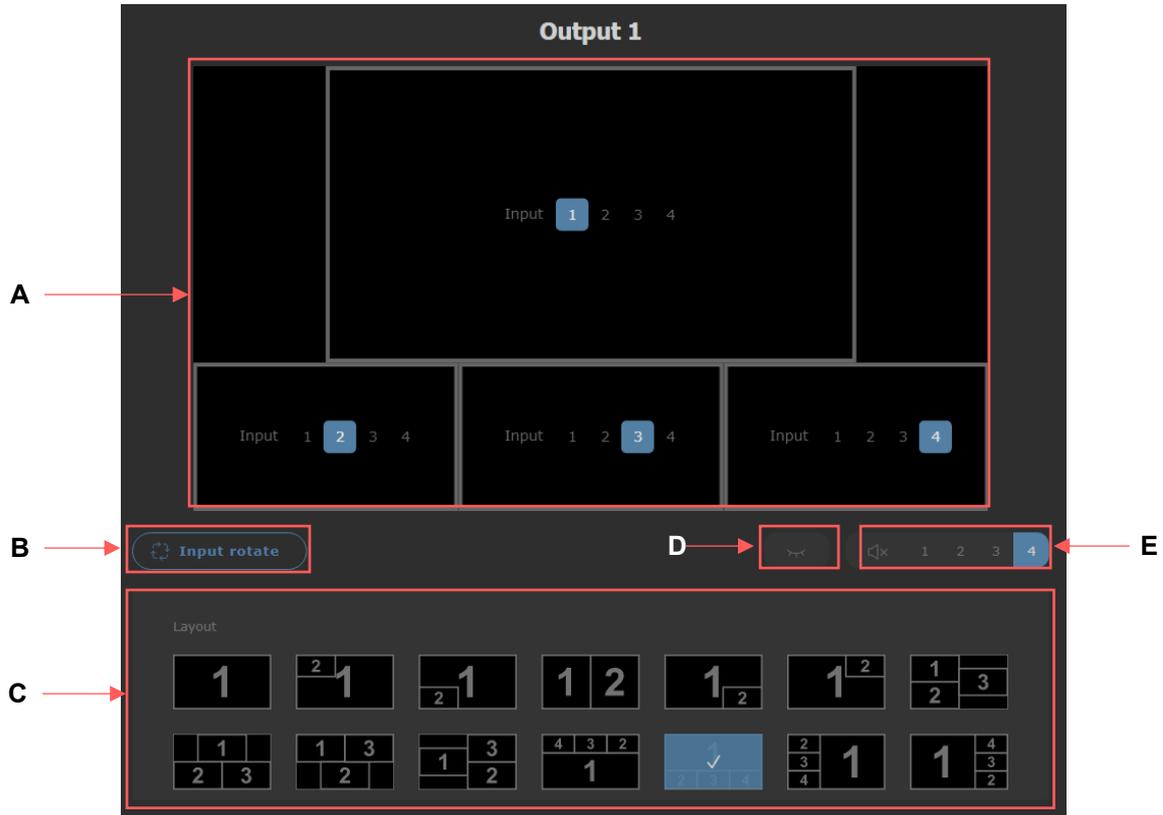
Inputs 1,2,3,4 represent input sources from HDMI IN1~4 connected at the back of the device. You can choose any input by clicking on corresponding numbers, or you can use input rotate to rotate the input in clockwise order.

For input audio, you can select input audio from any of the 4 input sources, or mute by selecting mute .

There is also a video mute  to enable/disable video on the output screen.

5.2 OUTPUT

The control page  contains two sections, the left section is for control Output 1, and the right section is to control Output 2, both sections work the same way. The following explains the functions:



A INPUT

The input shows input 1~4 from input sources connected in HDMI IN 1~4 at the back panel, you can choose any input by clicking on any number, and the corresponding input will display on the output immediately.

B INPUT ROTATE

Input rotate allows input to rotate in clockwise order

C LAYOUT

Layout stored in this list can be selected and once chosen will switch to the chosen layout on A

D VIDEO MUTE

Mute video on output

E AUDIO

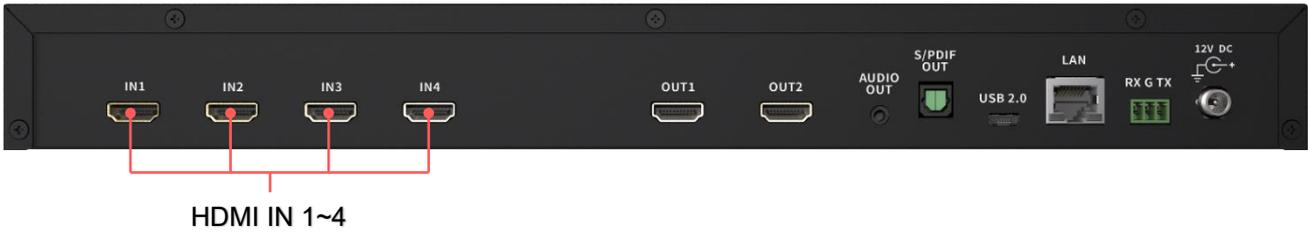
Audio from HDMI IN 1~4, user can also choose any input sources or mute audio by clicking on 

5.3 SWITCH AUDIO

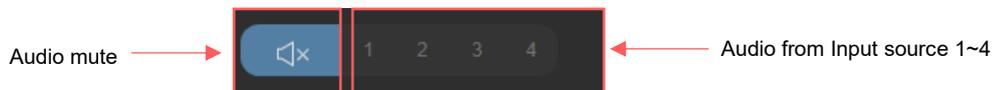
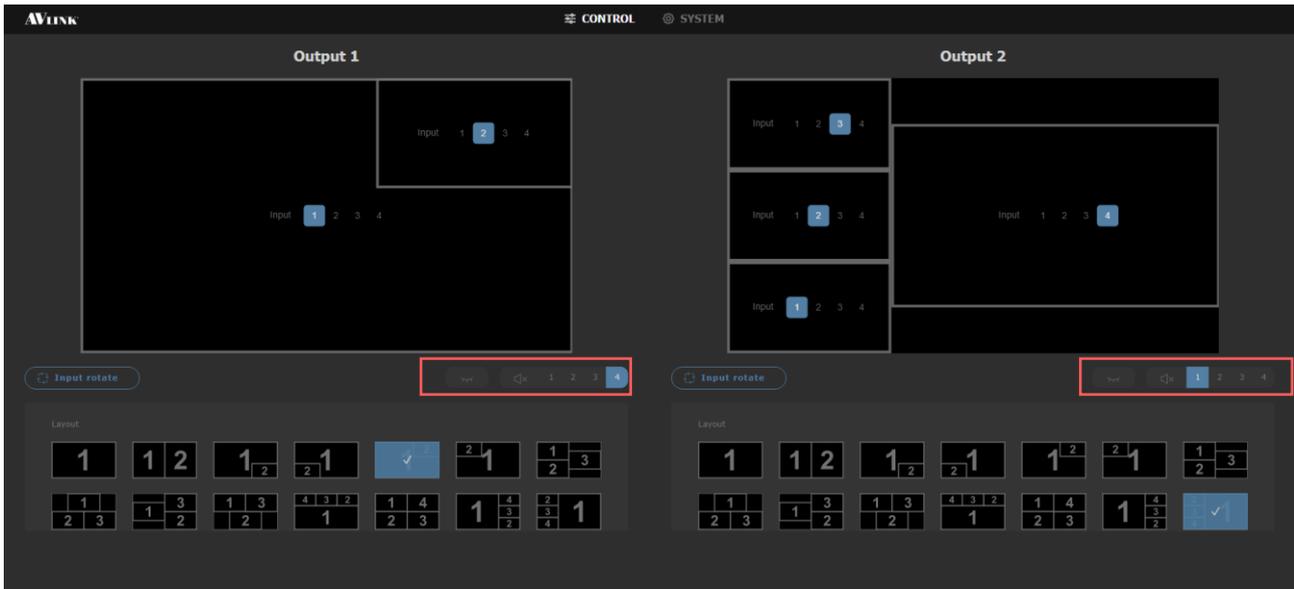
On MaitreView™ 4KLite, if the HDMI 1~4 is plugged into the back panel of the device, then user can choose audio from any one of the input sources 1~4, and audio will output on 3.5mm & S/PDIF.

5.3.1 HDMI

On the back panel, you can connect HDMI IN1 ~ 4, then you can switch audio between any of the input sources 1~4.



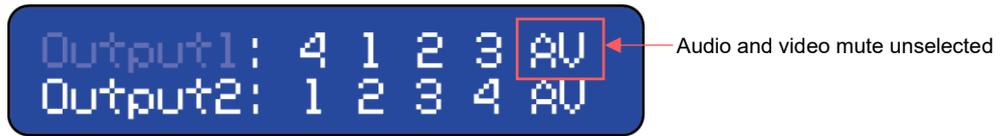
On the control page for Output 1 or Output 2, you can choose audio from any of the input sources.



If HDMI IN 1~4 is connected at the back panel, then you can choose from any of the input sources 1~4, please note, that audio and the selected input can come from different input sources, for example, you can choose a layout from input sources 1 and 2, and then choose audio from input source 4.

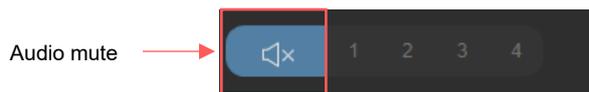
5.3.2 AUDIO MUTE

On the front panel, when audio/video mute is unselected, the LCD screen will show below:



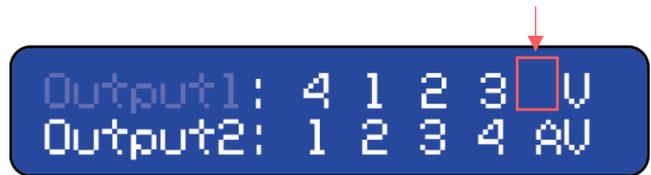
On the front panel LCD screen, A = Audio, V = Video.

On the Web control page , you can enable/disable audio mute by clicking on audio mute , once audio mute is enabled , no audio will be played on Audio Out.



When the audio mute is enabled, A will not show on the LCD.

If Audio mute enabled, A will not show

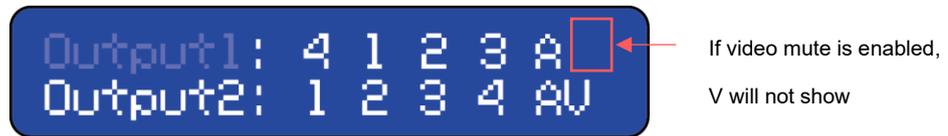


5.3.3 VIDEO MUTE

On the Web control page , you can find video mute next to audio mute, you can enable/disable video mute by clicking on video mute .



once video mute is enabled , no video will be displayed on output, and the front panel LCD will show the result below:



5.3.4 3.5MM & S/PDIF

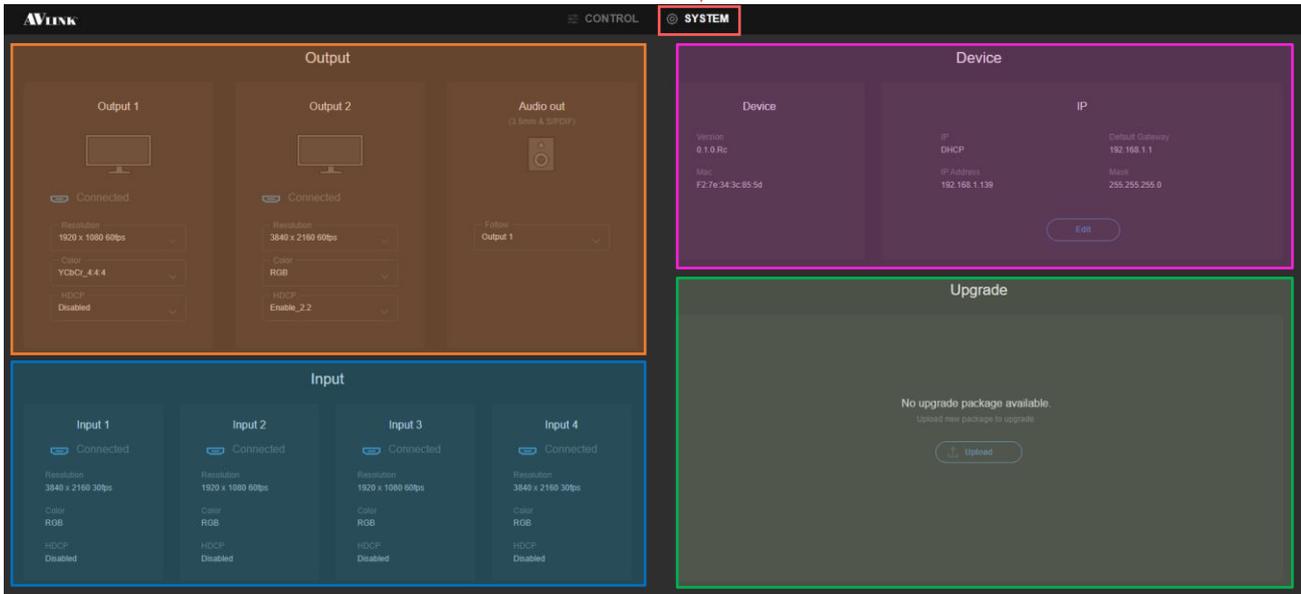
On the back panel, you can connect Audio Out or S/PDIF Out (shown in J, K), to output the audio from HDMI IN 1~4.  If mute for the selected Audio Out on system page been chosen, then audio will be mute.



5.4 SYSTEM PAGE

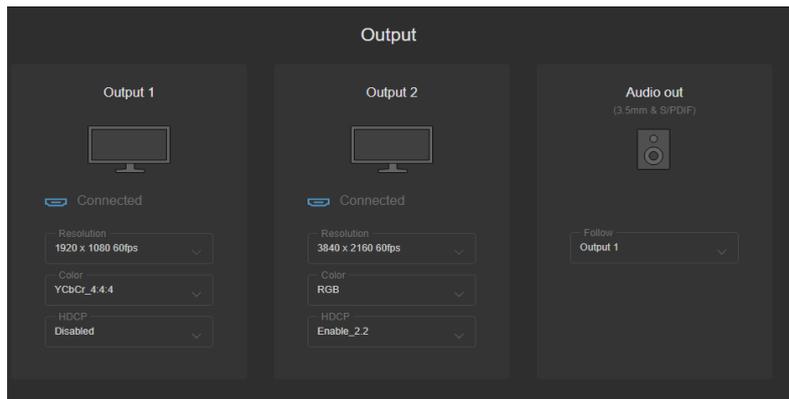
To access the system page, you need to select the System page , this page is divided into four sections: Output, Device, Input, and Upgrade.

System page



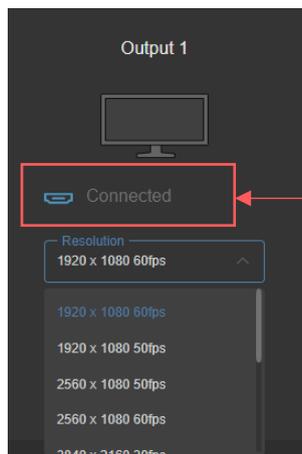
5.4.1 OUTPUT

Output setting shows output connection status, user can also choose output Resolution, Color, and HDCP.



5.4.1.1 Connection status

Output connection status shows: connected, disconnected, error

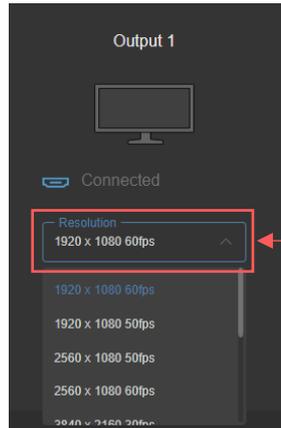


Connection status:

- **Connected:** when output is successfully connected
- **Disconnected:** when there is no output connection
- **Error:** when there is error occur

5.4.1.2 Resolution

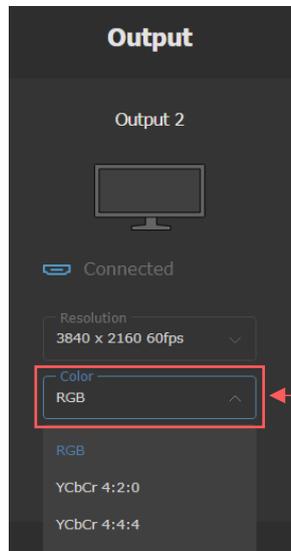
You may refer to specifications for output resolution, user can choose from various resolutions



📄 please note: the actual resolution supported may varies, it depends on your output display

5.4.1.3 Color

Users can choose from two output color formats: RGB and YCbCr 4:4: 4, 4:2:0

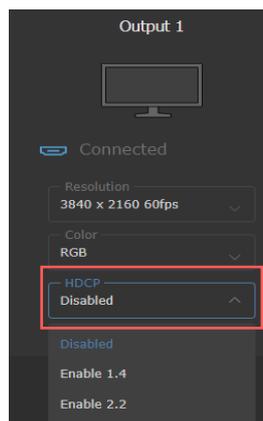


Color Format:

- RGB
- YCbCr 4:4:4
- YCbCr 4:2:0

5.4.1.4 HDCP

The coding scheme for HDCP can choose from Disable, Enable 1.4, Enable 2.2



HDCP

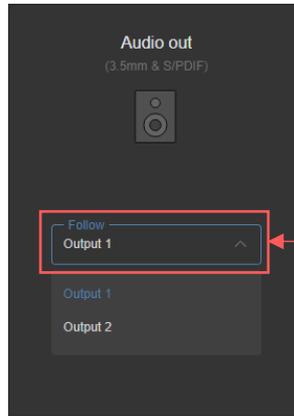
- Disabled
- Enable 1.4
- Enable 2.2

5.4.2 AUDIO

The Audio Out can only come from either Output 1 or Output 2, you can select Audio Out by following the step below:

On the System page choose Audio Out ► Click Follow ► Choose Output 1 or Output 2

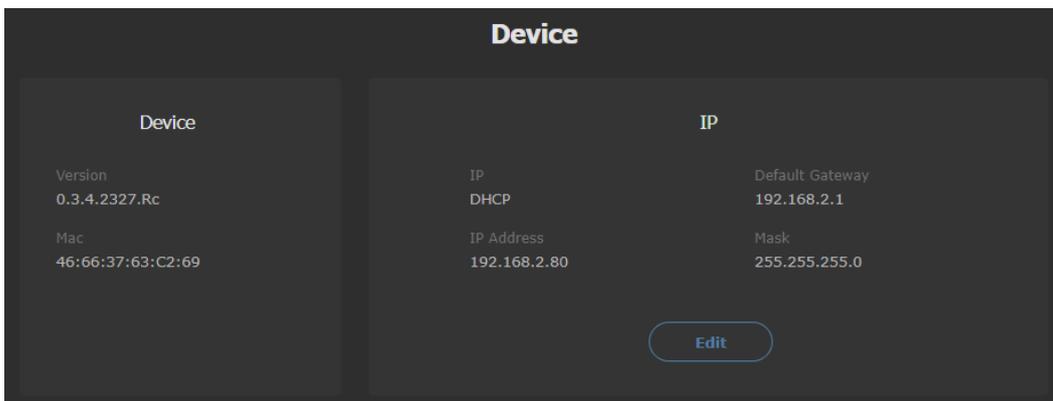
1. On the System page
2. Go to Audio Out, on Follow, select Output 1 or Output 2 to output on 3.5mm or S/PDIF



Choose Output 1 or Output 2 for audio to output on 3.5mm or S/PDIF

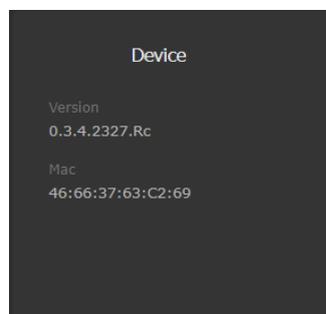
5.4.3 DEVICE / NETWORK CONFIG

The Device section can be divided into Device and IP, where you can find device information or set IP configuration here.



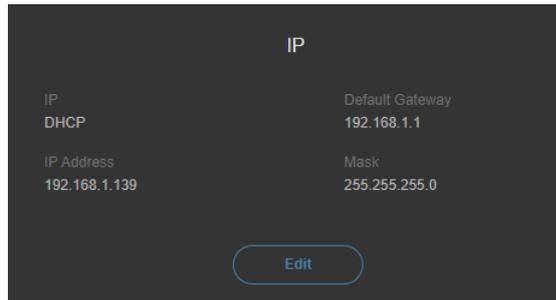
5.4.3.1 Device

On the device section, you can find the system version and Mac address for the device



5.4.3.2 IP

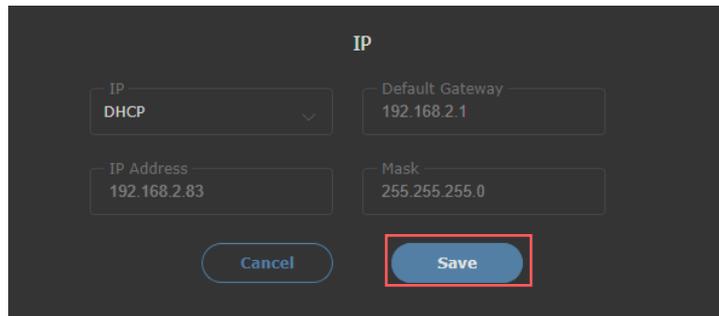
The IP configuration is set in the IP section. You may set the device IP to DHCP or static, or set the default gateway, change the IP address, and the Mask.



On IP you can click on the drop-down list to choose from DHCP or Static.



You can set the default gateway, IP address, and Mask here.



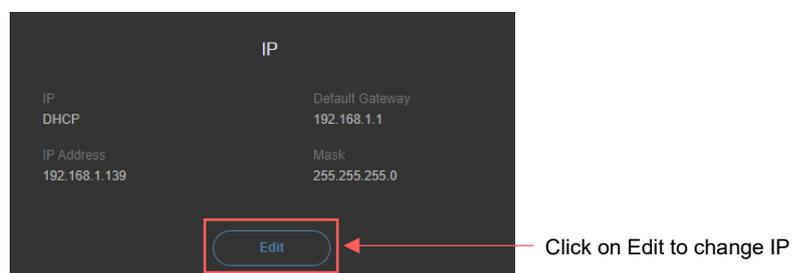
After changes are made, remember to click on Save, or Cancel to omit changes.

5.4.3.3 Change IP on the WEB

If you can not find your Device after you have changed a Network environment, or the Ethernet connection setting has been changed, you can change the device IP by following the step below :

On the System page click Edit from IP in Device ► Adjust IP configuration ► Click Save

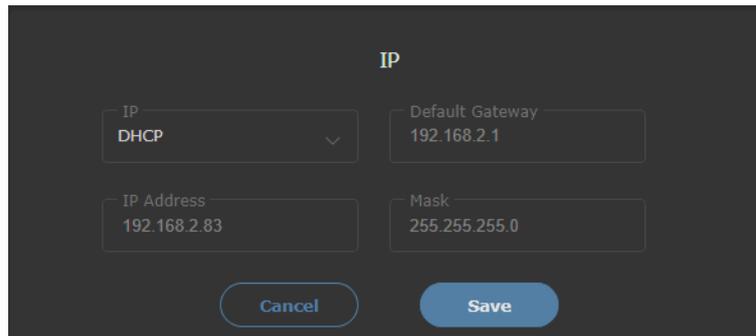
1. Go to the System page, click on Edit from the IP section on the Device page



- Click on the arrow for the drop-down list on IP, and choose Static or DHCP

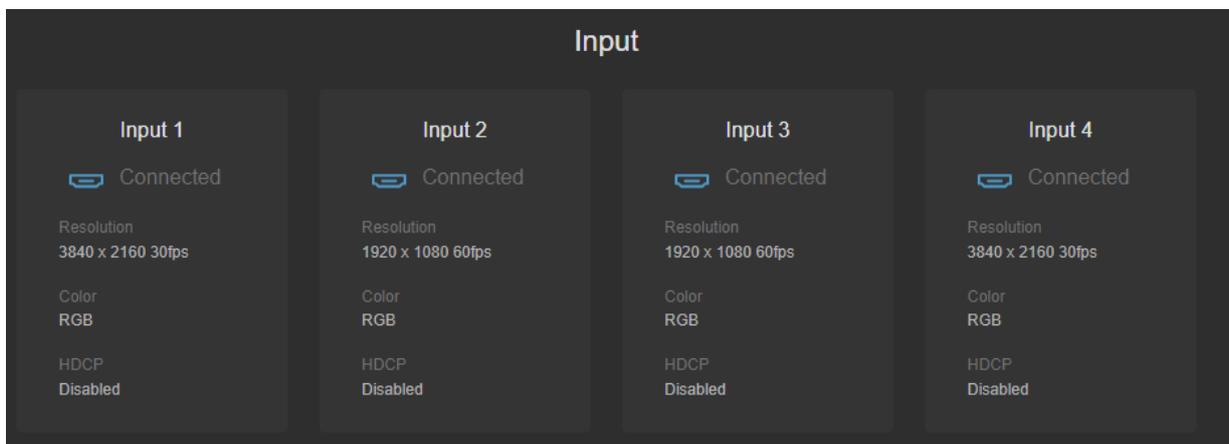


- If using the static mode, you may adjust the IP configuration by typing in the IP address, Default Gateway, and Mask manually. Then click on Save



5.4.4 Input

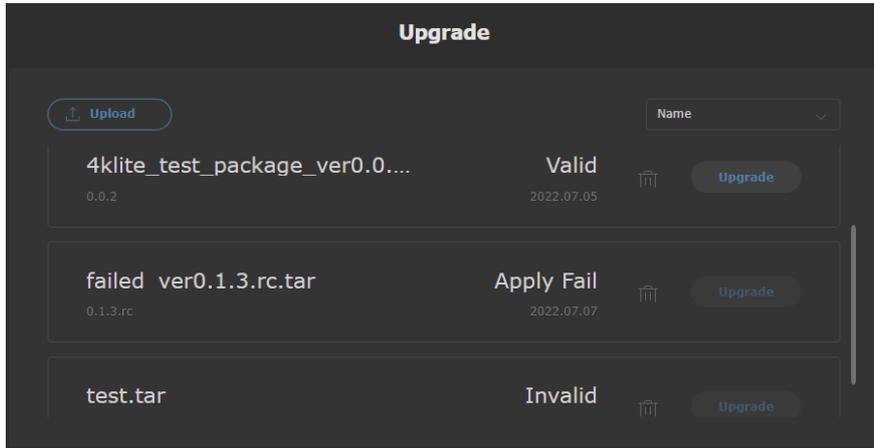
Your input page shows input information from your HDMI connected on 1~4.



The input information shows Connection status, Resolution, Color, or HDCP, the system will generate this information from the input source connected on HDMI IN 1~4.

5.4.5 SYSTEM UPGRADE

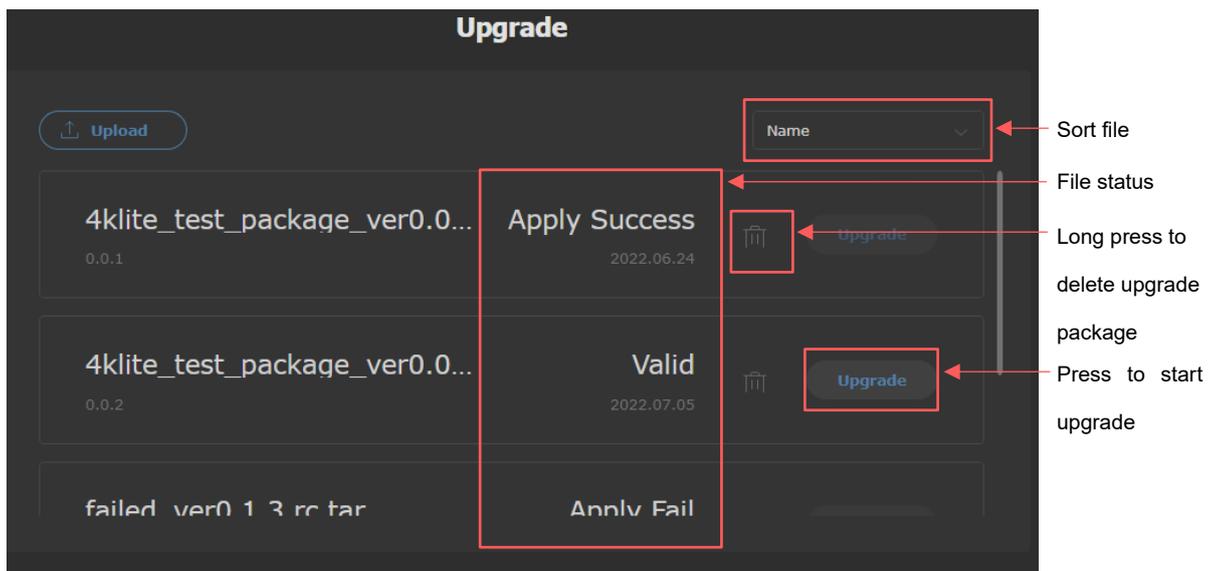
When there is an official upgrade package available on our company website or from your local distributor, you may proceed with an upgrade from the upgrade section on your system page.



To upgrade the system you can do the following:

- ▶ **Click upload** ▶ find the file on the file selector (or drag the upload package on the screen)
- ▶ (after the uploaded file pass the verification) click on Upgrade

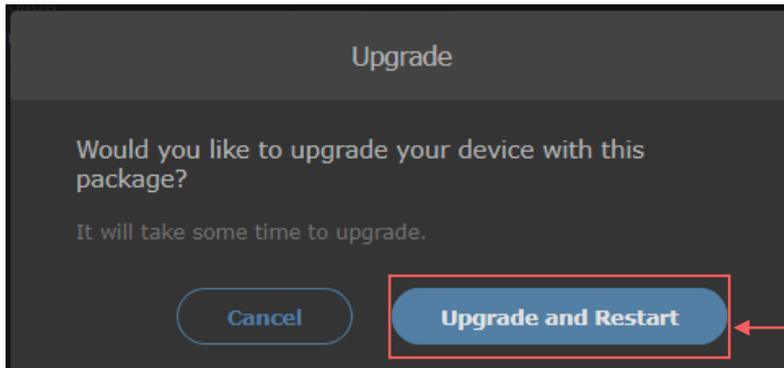
1. Click Upload  to load an upgrade package, find the file on the file selector (or drag the upload package on the screen), once the file is loaded, the upgrade page will show the status of the file:



Verifying, Valid, Invalid, Applied fail, Applied Success

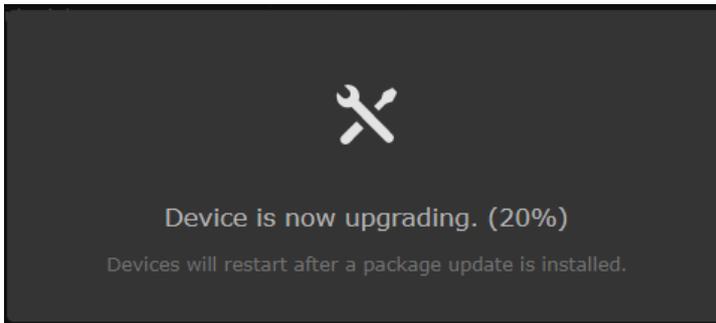
- A. Verifying: indicates the system is checking the status of the upgrade file
- B. Valid: means the file is a usable upgrade file
- C. Applied Fail: shows this package failed on the previous upgrade
- D. Applied Success: means the upgrade is successful and completely upgrade
- E. Invalid: indicate the file is the unusable file that may not be used for upgrade purposes

2. After the uploaded file pass the verification, press “Upgrade” to start the upgrade process
3. After the “Upgrade” is pressed, a confirmation message will appear, click on “ Upgrade and Restart ”



Start upgrade and restart device after process

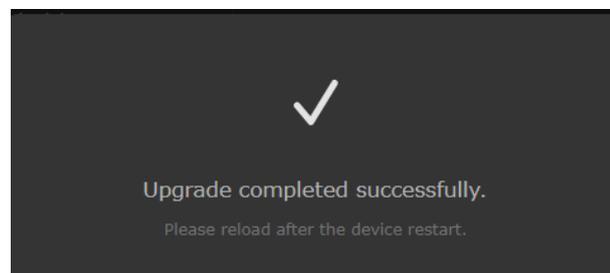
4. During the upgrading process, the system will show the progress of the upgrade, remember while upgrading, do not unplug or restart your device.



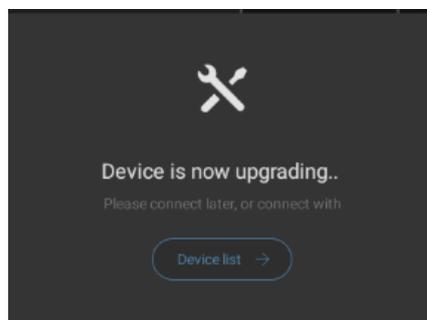
! Remember: Do not **unplug** or **restart** your MaitreView™ 4KLite device and your PC / Laptop that runs MaitreView™ 4KLite WEB during firmware upgrade. Please ensure during upgrade process, do not turn off power. you cannot operate device with remote control, web and Remote control APP in upgrade process.

5. After the upgrade is completed, a message will show the upgrade was completed successfully.

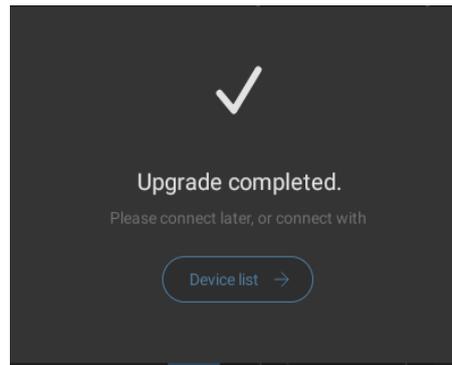
While you are upgrading files on the Web, if you are operating Remote control APP simultaneously, the



following will appear “Device is now upgrading” on MaitreView™ 4KLite Remote control APP, during this time, the system will halt until the upgrade is finished, and Remote control APP will be freeze until the upgrade process is completed.



6. After the upgrade process is completed, the following message will appear.



 Please Note: If the selected file is incorrect, you can choose the delete button to activate the delete process. To delete a file, long-press the delete button  until the cycle finishes, then the file will be deleted.



Long press to
delete a file

6. REMOTE CONTROL APP

Before starting using MaitreView™ 4KLite Android tablet APP, you need to first download the MaitreView™ 4KLite APP from the Google Play store:

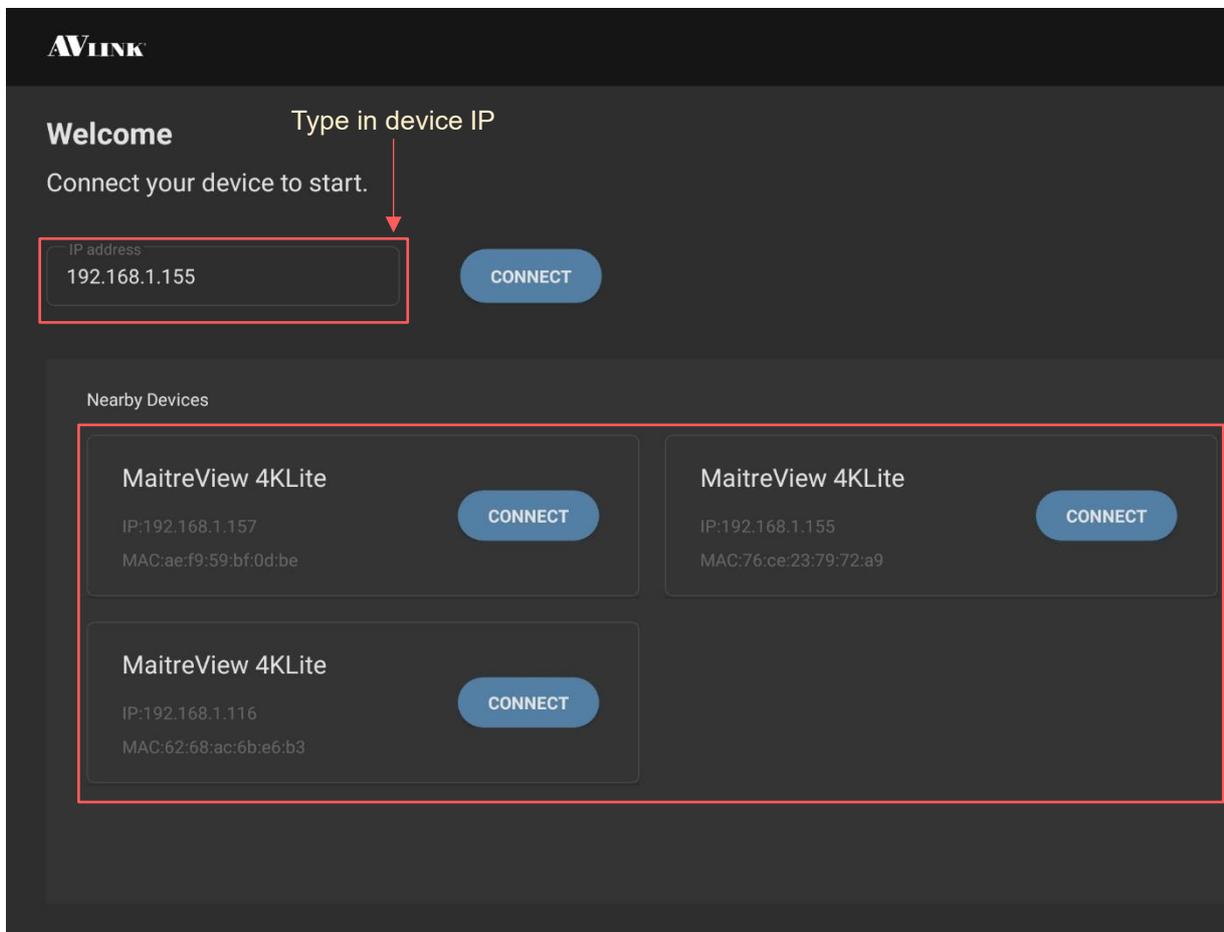
<https://play.google.com/store/apps/details?id=cctch.com.maitreview4klite>

After successfully installed on your Android tablet or iPad device. And you can get all the iOS or iPad APPs presented by AV LINK GROUP LTD. on App store:

<https://apps.apple.com/us/developer/avlink/id1252536011>

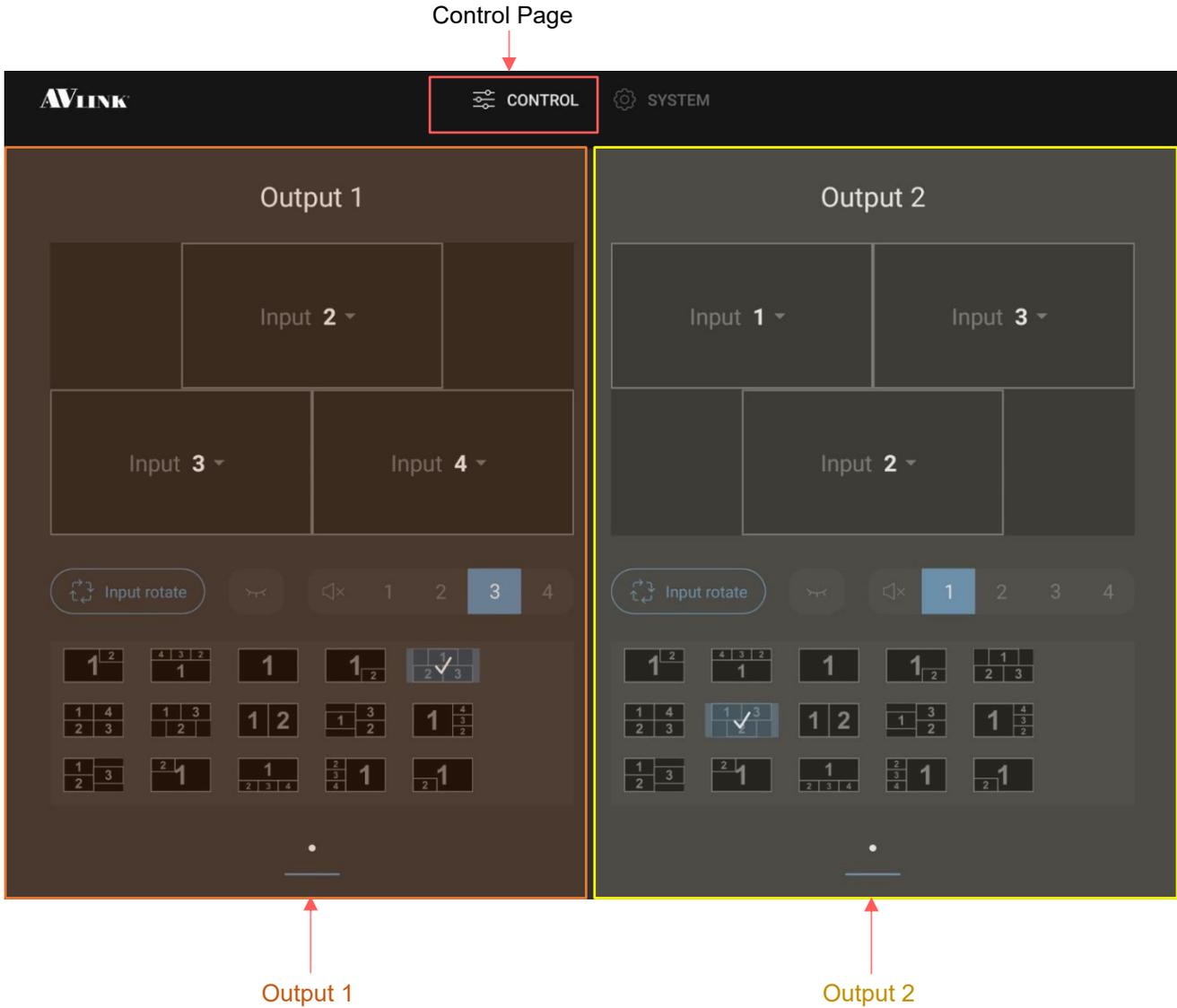
6.1 DEVICE LIST

You will see the Device List page when you lose the connection with any MaitreView™ 4KLite device. You can connect the device by picking one of the nearby devices or typing in the specific IP shown on the LCD of the front panel.



6.2 CONTROL PAGE

When you successfully connected to the device, the control page  will appear which looks like the page below:

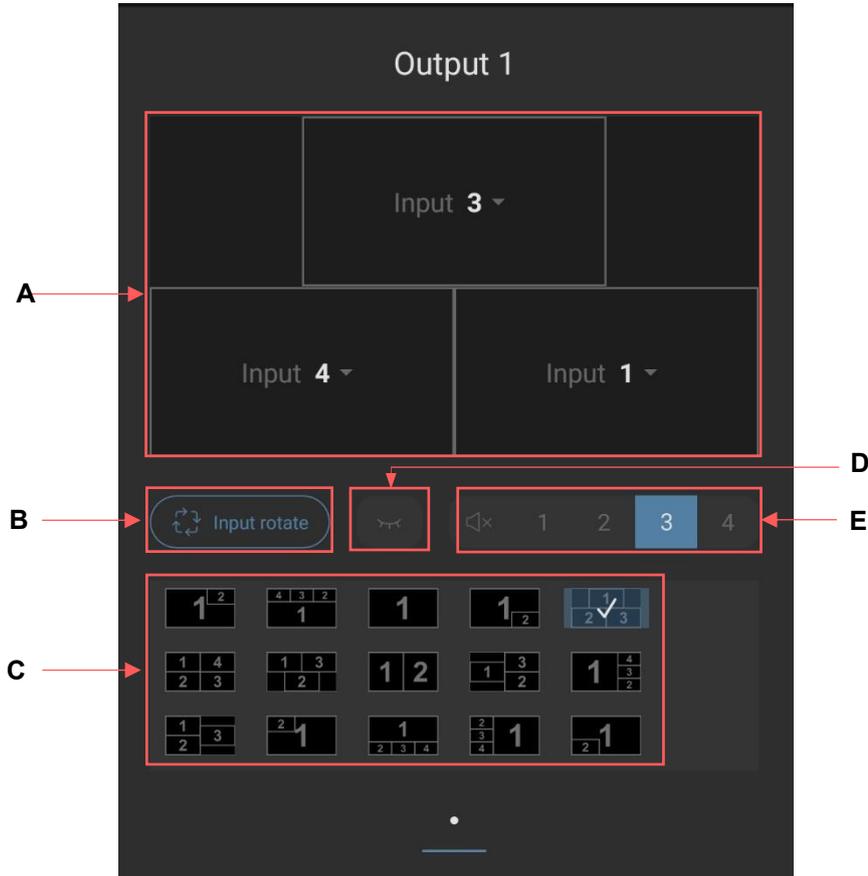


The Remote control APP works the same way as the Web, except the input, and sources appear on the dropdown list.

There are also two sections on the control page, the left is for control Output 1, and the right is for control Output 2.

6.2.1 OUTPUT

The control page contains two sections, the left section is to control Output 1, and the right section controls Output 2, both sections work the same way.



A OUTPUT

The output shows the applied layout with the input sources. You can switch input sources respectively.

B INPUT ROTATE

Input rotation allows input to rotate in clockwise order

C LAYOUT

Layout stored in this list can be selected and once chosen will switch to the chosen layout on A

D VIDEO MUTE

Mute video on output

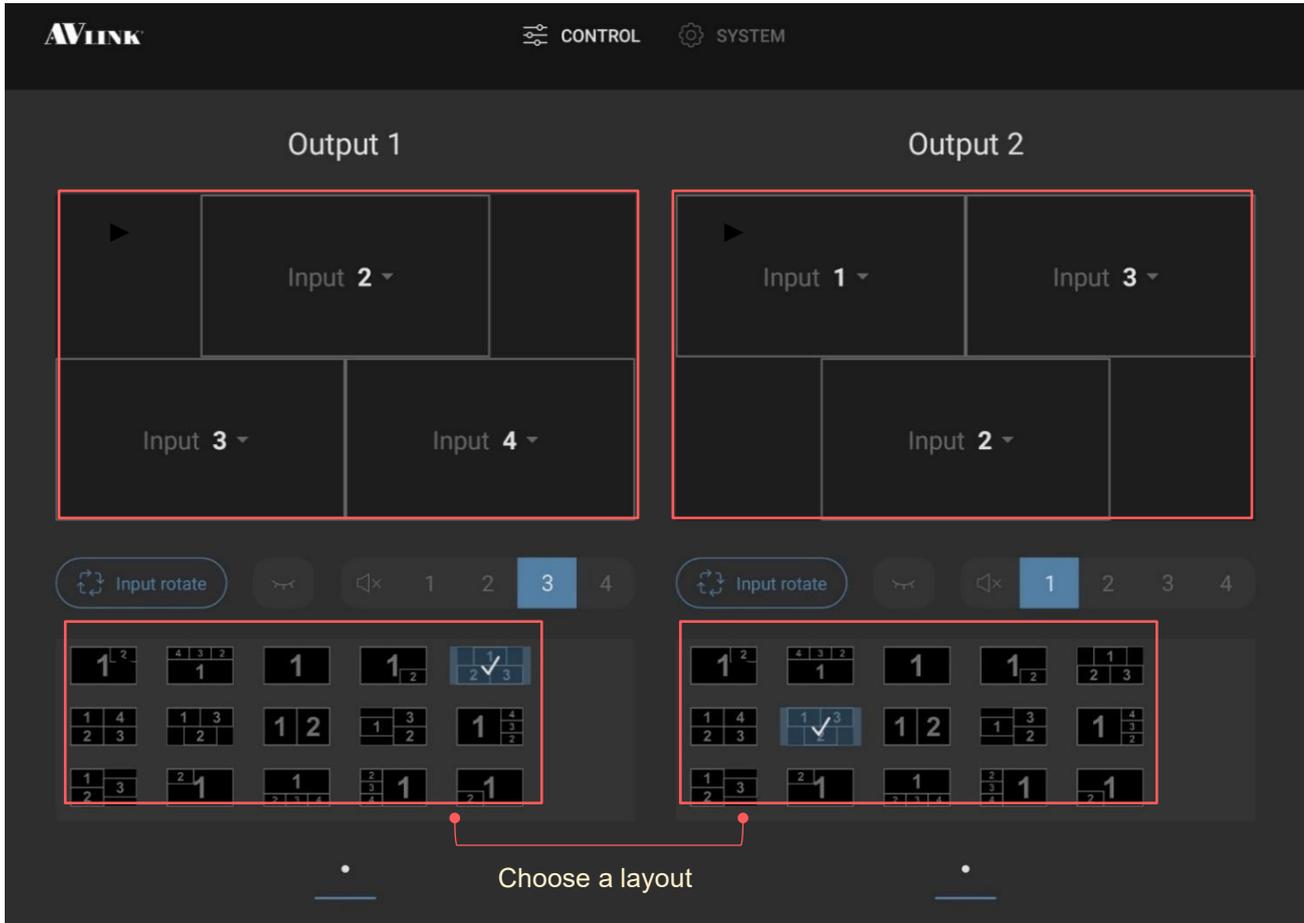
E AUDIO

Audio from HDMI IN 1~4, user can also choose any input sources or mute audio by clicking on 

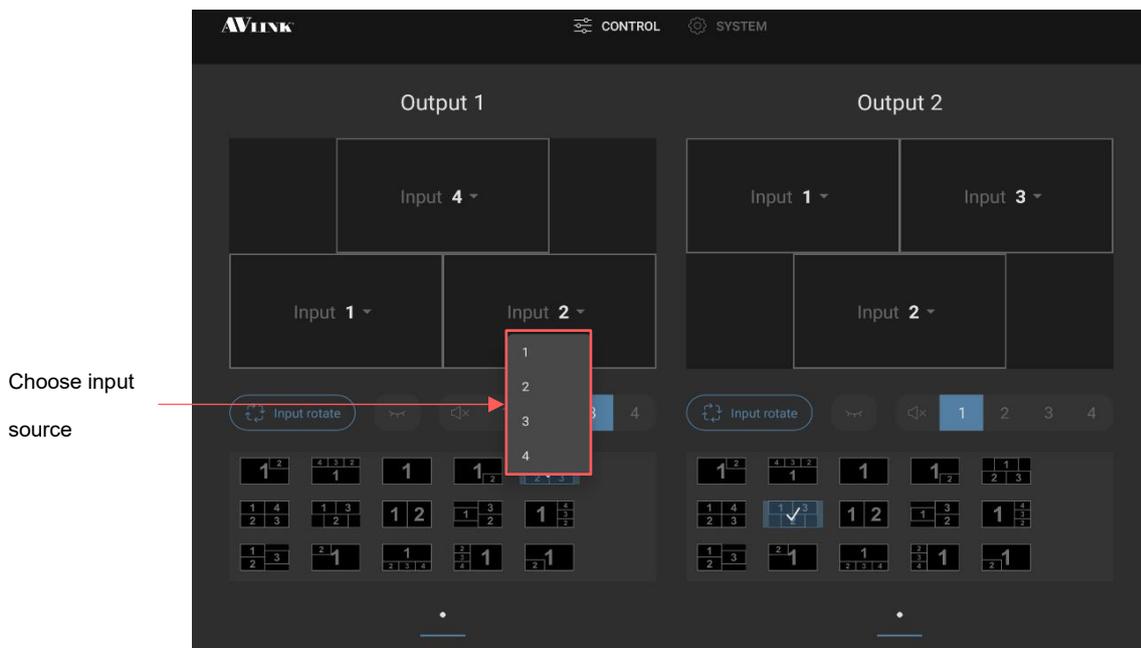
6.2.2 SWITCH LAYOUT

To switch layouts, you can do the following:

Choose a layout from the list

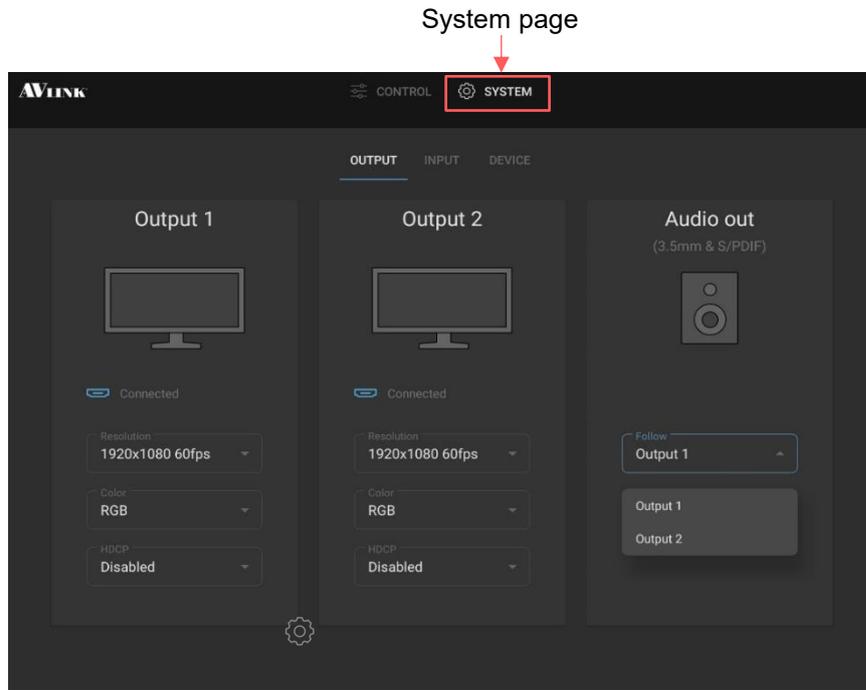


You may also choose input source from the dropdown list or click input rotate  to rotate input in clockwise order.



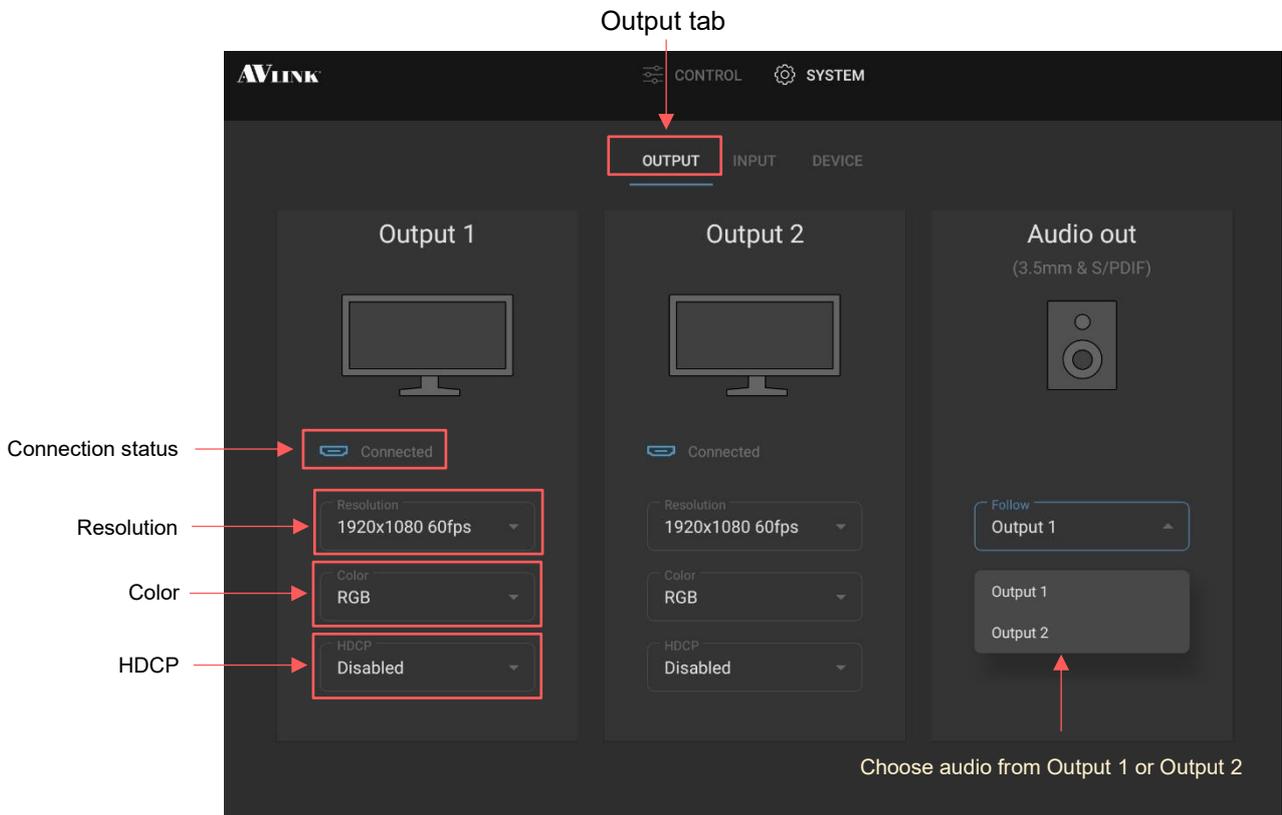
6.3 SYSTEM SETTINGS

There are 3 tabs under the System page ⚙️, namely Output, Input, and Device tabs.



6.3.1 SYSTEM: OUTPUT TAB

The output information is displayed in the Output tab, you can edit output resolution, color, and HDCP, or you can select Audio Out from output 1 or Output 2 in this tab.



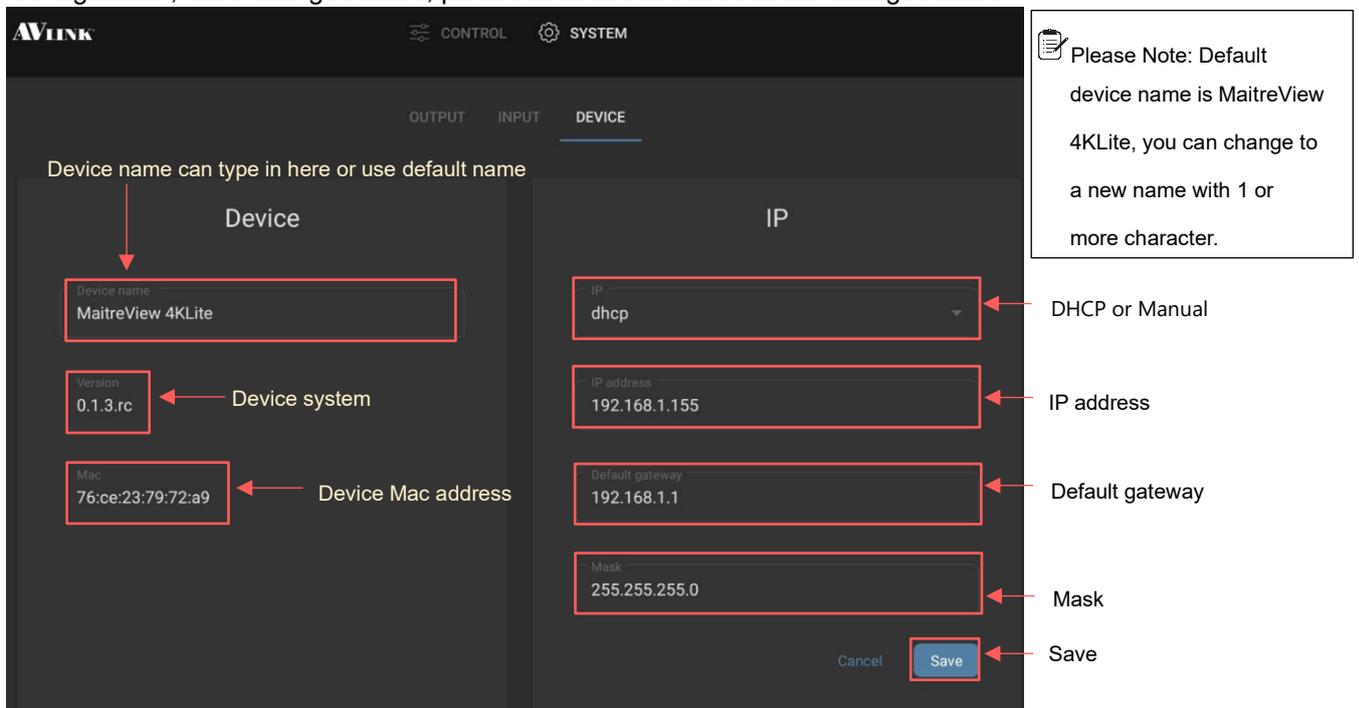
6.3.2 SYSTEM: INPUT TAB

Input tab shows input information, the system will detect input information automatically shown here.



6.3.3 SYSTEM: DEVICE TAB

In your device tab, you can view device information and also edit the device name, IP/network configuration, once changes made, please click on save to save the changes made.



7. TROUBLESHOOTING

● Why I can not find my device on the device list

If you can not find your device on the device list, you can:

1. Check if the device is connected properly.
2. Check if there is any power failure.
3. Check the Ethernet connection has been set up correctly, please make sure your MaitreView™ 4KLite Web or Remote control APP needs to be within the same network range for the connection to be established.

When you have done all the checks, perform a search for the device list again.

Please note: if Wi-Fi and Ethernet do not connect to the same network then MaitreView™ 4KLite Web or Remote control APP will not be able to connect to the device.

● Why I can not see anything on the output

If you can not see anything on your output, you can:

1. Check if the HDMI OUT at the back of the device has been plugged in properly or not.
2. Check if output status is “Connected” on System page and the LED on the front panel is green.
3. Check if your Resolution, HDCP, and Color were set up correctly.

● Why LED on the front panel shown in red

If the LED on Front Panel is shown red, it means there is something wrong, please check if there is any fault with the input or output sources. After checking for connection, you may need to restart your device.

If the problem above persists, you may contact your local distributor for assistance.

● Why the upgrade process is not successful

While upgrading files, remember not to switch off the device or the network, please keep the device running and the network environment stable, please use the upgrade file from the official website or from you local distributor.