USER MANUAL



KLQ-4KVW26

4K60 HDMI 2x6 Video Wall Processor

V1.0.0 | Feb. 5, 2026

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Important Safety Instructions



1. Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.



6. Clean this apparatus only with dry cloth.



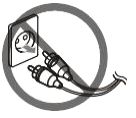
2. Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.



7. Unplug this apparatus during lightning storms or when unused for long periods of time.



3. To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.



8. Protect the power cord from being walked on or pinched particularly at plugs.



4. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Only use attachments / accessories specified by the manufacturer.



5. Do not place sources of naked flames, such as lighted candles, on the unit.



10. Refer all servicing to qualified service personnel.

1. Introduction

1.1 Overview

This product is an expandable video wall processor. It is mainly suitable for application scenarios such as advertising display, digital signage, digital menus, etc., aiming to provide customers with better video enjoyment. It is equipped with 2 HDMI IN ports, with the highest input resolution up to 4K@60Hz 4:4:4, and supports HDCP 2.3, EDID selection and other functions. 6 HDMI OUT ports allow users to create video wall layout modes including quick video wall mode, standard video wall mode and mosaic mode, which are convenient for users to plug and play, and each HDMI OUT port supports independent auto scaler function to enable best quality output. At the same time, the device is also equipped with 1 Loop port for video wall cascading. Multiple control options including front panel buttons, RS232 and LAN (telnet & web UI) control enable the unit can meet different requirements.

1.2 Features

- Supports quick video wall mode, including 1x4, 2x2, 3x2, 2x3, 4x1, 1x4 (90°), and 1x3 (60°) (all video wall layout modes are row x column), and select source between two HDMI inputs.
- Supports standard video wall mode, in which users can set M (row: M≤6) x N (column: N ≤6) ≤6 x cascade number (up to 6) video wall layout mode, and set bezel of each display.
- Supports mosaic video wall mode, in which users can set any rotation angle and any shape for the video wall.
- Supports HDMI 2.0 with 4K@60Hz 4:4:4 8bit, especially 3840 x 600, 5400x1920 wide-screen resolution.
- Supports 5K EDID, including 5120x2160@30Hz, 5120x1440@60Hz/30Hz.

- HDCP 2.3 and backwards compatible.
- EDID management including EDID presets, EDID copy and customized EDID.
- Each of the six HDMI OUT port supports an independent auto scaler for outputting the best quality video.
- One HDMI loop out for video-wall cascading connection.
- Supports auto switching between two HDMI inputs.
- Supports OSD function to display IP address, HDMI output, and cascading information (in cascading connection mode only).
- An analog audio output port outputs de-embedded audio from selected input, and can set audio output delay time.
- Supports power on/off the displays automatically via CEC function.
- Supports multiple control options, including front panel buttons, RS232 and LAN (telnet & web UI).

1.3 Package Contents

- 1 x Video Wall Processor
- 1 x DC 20V Power Adapter
- 1 x AC Power Cord with EU Pins
- 1 x Phoenix Male Connector (3.5mm, 3 Pins)
- 1 x Phoenix Male Connector (3.5mm, 5 Pins)
- 2 x Mounting Brackets (with Screws)

1.4 Specifications

Technical	
Input/Output Ports	2 x HDMI IN, 7 x HDMI OUT (including 1 HDMI loop out port), 1 x AUDIO OUT (3.5mm phoenix connector, 5 Pins), 1 x RS232, 1 x LAN, 1 x DC 20V
Input/Output Video Type	Max: 4K@60Hz 4:4:4 8bit, HDCP 2.3
Input/Output Resolution Supported	Input Resolution: Wide-screen resolution: 3840 x 600[8]; 800 x 600[8], 1024 x 768[8], 1280x720P[6,7,8], 1280 x 768[8], 1280 x 800[8], 1280 x 960[8], 1280 x 1024[8], 1360 x 768[8],

Technical	
	1366 x 768[8], 1440 x 900[8], 1600 x 900[8], 1600 x 1200[8], 1680 x 1050[8], 1920x1080P[6,7,8], 1920 x 1200[8], 3840x2160P[2,3,5,8], 4096 x 2160P[2,3,5,8], 5400 x 1920P[5], 5120x2160p@30_2D_2CH, 5120 x 1440p@60_2D_2CH, 5120 x 1440p@30_2D_2CH Output Resolution: Auto Scaler: According to the EDID of the display to output the recommended resolution. Manual: 800 x 600[8], 1024 x 768[8], 1080 x 7680[5,8], 1280 x 720[6,8], 1280 x 768[8], 1280 x 800[8], 1280 x 960[8], 1280 x 1024[8], 1360 x 768[8], 1366 x 768[8], 1440 x 900[6], 1600 x 900[8], 1600 x 1200[8], 1680 x 1050[8], 1920 x 1080[6,8], 1920 x 1200[8], 1920 x 2160[8], 2048 x 1200[8], 2548 x 1536[8], 2560 x 1080[8], 2560 x 1440[2,3,5,6,8], 2560 x 1536[8], 2560 x 1600[8], 3440 x 1440[8], 3840 x 1080[8], 3840 x 2160[2,3,5,6,8], 4096 x 2160[2,3,5,6,8], 5120 x 1440[5,8], 5120 x 2160[5], 7680 x 1080[5,8] 2 = at 24 Hz, 3 = at 25 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz
Audio Format	HDMI IN/OUT: PCM 2.0 AUDIO OUT: Stereo
Maximum Data Rate	18Gbps
Control Method	Front panel buttons, RS232, LAN (Telnet API & Web UI)

General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)
Power Supply	DC 20V, 3A
Power Consumption (Max)	35.98W
Device Dimension (W x H x D)	320mm x 27mm x 180mm/12.60” x 1.06” x 7.09” (Without mounting brackets)
Product Weight	1.65kg/3.64lbs

Transmission Distance

Cable Type	Range	Supported Video
HDMI	Input: 15m/50ft Output: 10m/33ft	1080P@60Hz 24bpp
	Input/Output: 10m/33ft	4K@30Hz 4:4:4 24bpp 4K@60Hz 4:2:0 24bpp
	Input/Output: 5m/16ft	4K@60Hz 4:4:4 24bpp

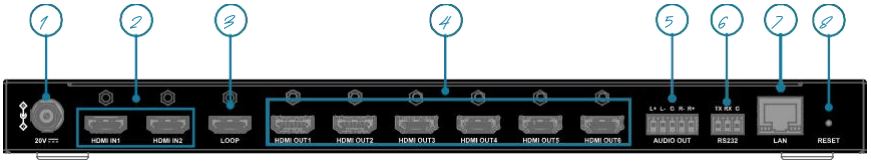
2. Panel Overview

2.1 Front Panel



#	Name	Description
1	POWER LED	• On: The device is powered on. • Off: The device is powered off.
2	STATUS LED	• Blinking: The device is working properly. • Off: The device is not working properly.
3	INPUT Selection Button and LEDs	INPUT Selection Button: Press to select HDMI IN 1 or HDMI IN 2 as input source cyclically. INPUT 1 & INPUT 2 LEDs: • On: The corresponding HDMI input 1/2 is selected as input source. • Off: The corresponding HDMI input 1/2 is not selected as input source.
4	LAYOUT Selection Button and Layout LEDs	LAYOUT Selection Button: Press to switch layout mode among 1x4, 2x2, 3x2, 2x3, 4x1, 1x4 (90°), 1x3 (60°) (Row x column), and PRESET. Layout LEDs: • On: The corresponding layout mode is selected. • Off: The corresponding layout mode is not selected.
5	LOCK Button and LED	• Press to lock front panel buttons to prevent accidental pressing. • Hold the button for about 3s to exit lock mode.

2.2 Rear Panel



#	Name	Description
1	DC 20V	Connect to the provided DC 20V power adapter.
2	HDMI IN 1 & 2	Connect to HDMI sources.
3	LOOP OUT	Connect to an HDMI display or connect to HDMI IN port of the next device for cascading connection.
4	HDMI OUT 1~6	Connect to HDMI displays for video wall connection.
5	AUDIO OUT	Connect to an audio receiver for outputting de-embedded audio.
6	RS232	Connect to a RS232 enabled control device for API control.
7	LAN	Connect to a network device (e.g., network switch, router, computer, etc.) for LAN control (Web UI & Telnet).
8	RESET	Use a needle to insert into the hole: • Hold it for about 5s: reset the IP mode to default settings (DHCP). • Hold it for about for about 15s: reset the device to factory defaults.

3. Installation and Wiring

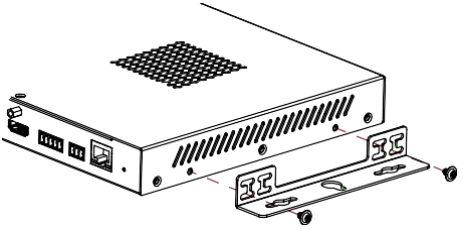
Warnings:

- Before wiring, disconnect the power from all devices.
- During wiring, connect and disconnect the cables gently.

3.1 Installation

1. Attach the bracket to one side of the enclosure using the screws provided.

The bracket is attached to the enclosure as shown.



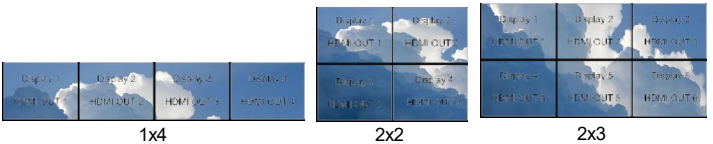
2. Repeat step 1 for the other side of the enclosure.
3. Attach the brackets to the surface or location desired using screws (not included in the package).

3.2 Wiring

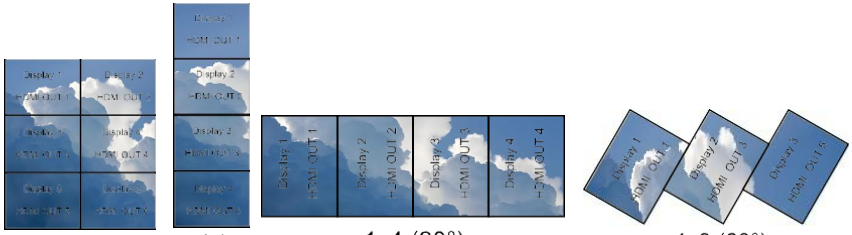
The video wall processor provides quick video wall mode, including 1x4, 2x2, 3x2, 2x3, 4x1, 1x4 (90°), and 1x3 (60°) (Row x column), standard video wall mode, in which users can set M (row: M≤6) x N (column: N ≤6) ≤ 6 x cascade number video wall layout mode, and set bezel of each display, and mosaic video wall mode, in which users can set any rotation angle and any shape for the video wall.

Video Wall diagrams in Quick video wall mode:

Note: In quick video wall mode, displays must be connected to the corresponding HDMI output ports as the following preset, and can't be adjusted.



1x4 2x2 2x3

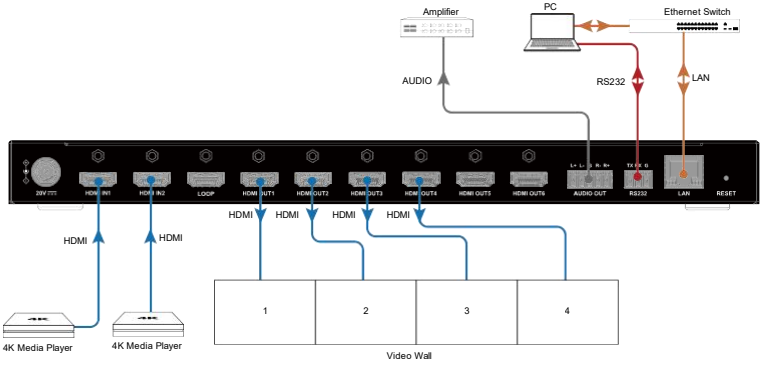


The device supports video wall expansion through LOOP port in standard video wall mode. Connect the LOOP OUT port of the first device to HDMI IN 1/2 port of the second device, the second device selects the input the LOOP port connected, the first device and the second device can form a larger video wall as requirement. It supports cascading up to 6 devices for creating video wall. In quick video wall mode, the device doesn't support cascading mode. In standard video wall mode, the device supports cascading connection.

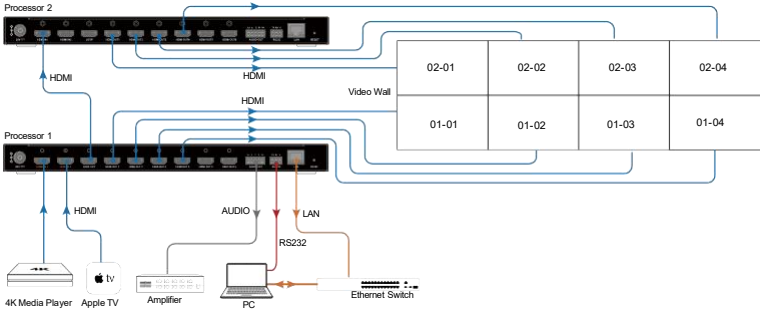
In cascading connection, LAN control and RS232 control are available for the device the control devices connected only. Users can set output distribution for the video wall from all the outputs in the cascading connection via web UI.

Note: Please refer to the "Web UI Control" section or the separate document "*API Command Set_VW0206-N001-C90 206*" to get detail mode and configuration information.

1. 1 x 4 (row x column) video wall mode in non-cascading mode



2. 2 x 4 Video Wall in Cascading Mode



4. Auto Switching

The device supports auto switching function. By default, the auto switch function is set to enable.

This function follows the principles:

1) When a new active source is inserted, it will be switched to the new inserted source automatically.
2) When current selected input source is removed, if other input source has active signal, it will be switched to the other source automatically, and if other input source has no active signal, the current source will remain selected.
3) When the device is powered on again, if the source last time selected has active signal, this source will remain selected.

Note:

- Auto switching function can be set to enable/disable through API commands or Web UI, please refer to the separate document "*API Command Set_VW0206-N001-C90 206*" or "Web UI Control" section to get detail information.
- When the device is in cascading mode, the auto switching of input is only for the device with ID 1 (ID can be set via web UI).

5. OSD

The device supports OSD (On Screen Display) function. Users can set the function to enable or disable through web UI or API commands. Please refer to the "Web UI Control" section or the separate document "*API Command Set_VW0206-N001-C90 206*" to get setting information.

- In cascading mode, the OSD information includes IP address, HDMI output, and cascading information.
- In non-cascading mode, the OSD information includes IP address and HDMI output.

Note: If the OSD function is not set to enabled or disabled through web UI or API command, when the screens of the current selected video wall have no output configured or no active signal input, the OSD information will be displayed on the screens of the video wall, and if there's active signal input, the OSD information will be hided.

In Cascading mode, take 2x2 (row x column) as example:

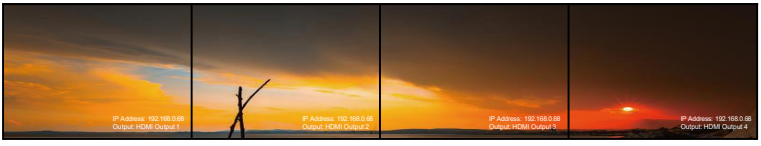
2x2



- IP Address: Shows the current IP address of the device the display connected.
- Output: Shows the HDMI output port the display connected.
- Cascading Info: take “Dev-03:05” as an example: 03: indicates the device’s ID is 3; 05 indicates current connected HDMI output port. 03:05 indicates the current display is connected to the ID 3 device’s HDMI OUT 5 port. The device’s cascading ID can be set via web UI or API commands.

In non-cascading mode, take 1x4 layout mode as example:

1x4



6. Front Panel Button Control

The device features one SELECT button and one LAYOUT SELECT button on front panel for source selection and layout selection, and also equips with one LOCK button to lock the two buttons.

- Select Input source: Press the SELECT button to select HDMI IN 1/2 as input source, and the corresponding LED will be lit up.

- Select layout mode: Press LAYOUT SELECT button to select one layout mode among 1x4, 2x2, 3x2, 2x3, 4x1, 1x4 (90°), 1x3 (60°) (Row x column) and PRESET cyclically. PRESET video wall is the video wall layout after applying in standard video wall mode on the web UI. By default, it is not configured, and when switching to this mode, all displays connected display complete image.

  Note: Please refer to "Web UI Control" section to get detail information about standard video wall mode.
- Lock/Unlock the front panel buttons: Press LOCK button, the SELECT button and LAYOUT SELECT button are locked and can't be operated. Hold the LOCK button for about 3s to exit the lock mode.

  Note: In lock status, users can also switch input and layout through web UI or API commands.

7. Command Control

Advanced users may need to control the device via API commands. API commands can be obtained from the separate document "*API Command Set_VW0206-N001-C90 206*".

Two methods are provided for controlling this device through API commands: RS232 and telnet.

7.1 RS232

Connect a control PC to the RS232 port of the device. Before sending API commands to control the device, ensure the serial ports between this device and PC are configured correctly. A professional RS232 serial interface software (e.g., Serial Assist) may be needed as well.

Parameters	Value
Baud Rate	115200 bps
Data bits	8 bits
Parity	None

Parameters	Value
Stop bits	1 bit
Flow control	None

7.2 Telnet

Connect a control PC to the LAN port of the device. Before you intend to control the device through telnet API, you shall establish connection between this device and your computer.

The form of the command for telnet connection is below:

telnet ip (port)

- *ip*: The device's IP address.
- *port*: The device's port number, this is non-required for some Telnet control tools. Default setting is 23.

For example, if the device's IP address is 192.168.11.143, the command for telnet connection shall be the following:

telnet 192.168.11.143

7.3 Obtain IP Address of the Device

To obtain the device's IP address:

1) Connect a control PC to the RS232 port of the device.
2) Configure RS232 parameters for the PC's serial port correctly through a RS232 serial port tool, such as Serial Assist.
3) Input the command *GET IPADDR<CR><LF>* and send. Users can get a response with IP address, see following example:

Input:

GET IPADDR<CR><LF>

Response:

IPADDR 172.16.18.173 MASK 255.255.255.0 GATEWAY 172.16.18.1

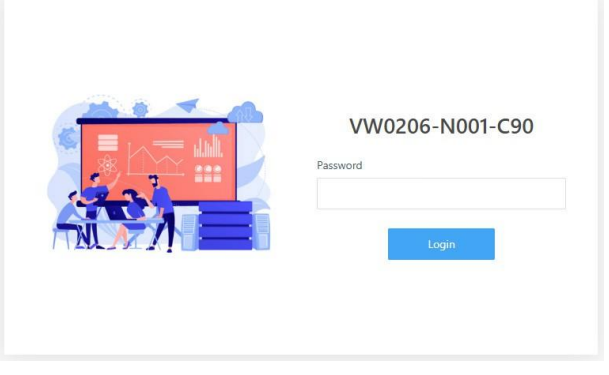
8. Web UI Control

The Web UI designed for the video wall processor allows basic controls and advanced settings and can be accessed through a browser with latest version, e.g., Chrome, Safari, Firefox, Opera, IE10+, etc.

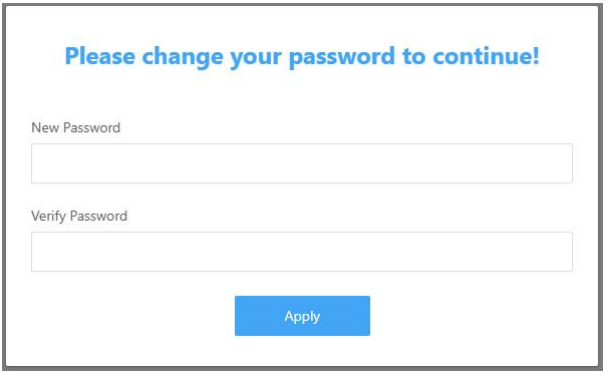
The default IP mode of the video wall processor is DHCP. Default login password for Web UI is "admin".

8.1 Get Access to Web UI

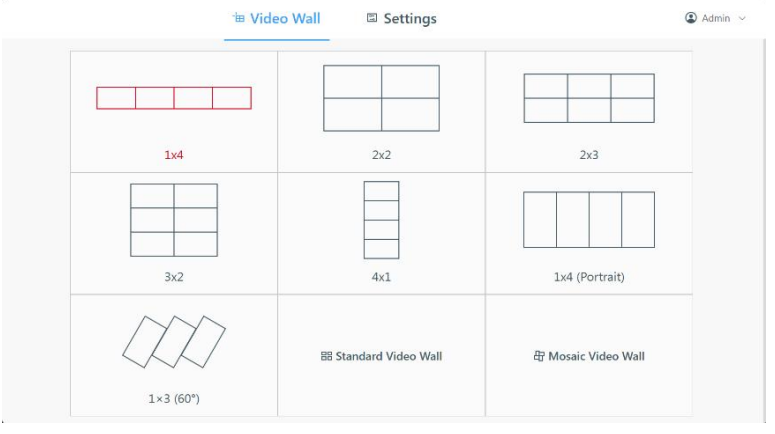
1. Connect the LAN port of the device to the Ethernet switch with DHCP server, and connect the PC to the same Ethernet switch.
2. Get the IP address through the “SmartSetGUI” tool on PC, OSD information on the display connected or sending command “*GET IPADDR<CR><LF>*” (see “Obtain IP Address of the Device” section).



When login web UI first time, after clicking “Login”, users will enter the following window to change login password. Input new password and click “Apply” to enter the main page.



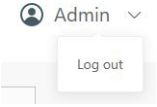
Note: The new password must be 4 to 16 characters in length, alphanumeric only.



The main page includes Video Wall and Settings.

8.2 Web UI Introduction

Admin : Click the button on the up right corner, and click “Log out” of the drop-down menu to log out and back to login page.



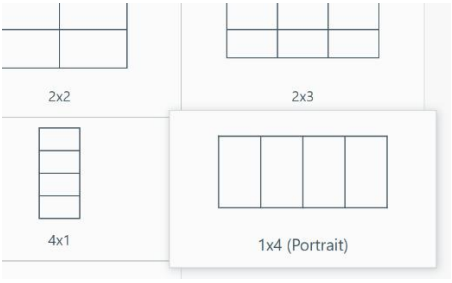
8.2.1 Video Wall

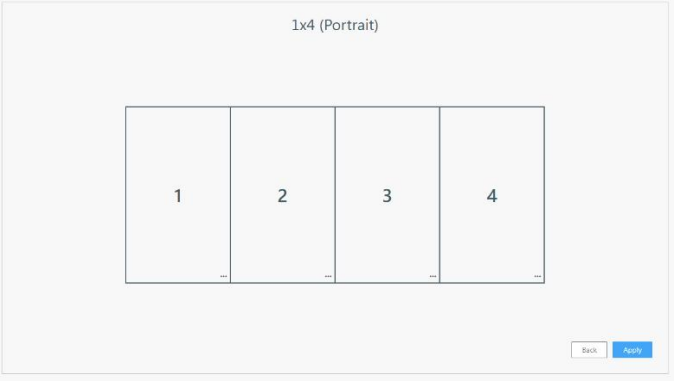
This section allows users to set video wall mode and set the configurations of the selected video wall.

Video wall modes include 1x4, 2x2, 2x3, 3x2, 4x1, 1x4 (Portrait), 1x3 (60°), and Standard Video Wall. By default, the video wall mode is set to 1x4 (the frame of this mode's diagram and the name of this mode are red).

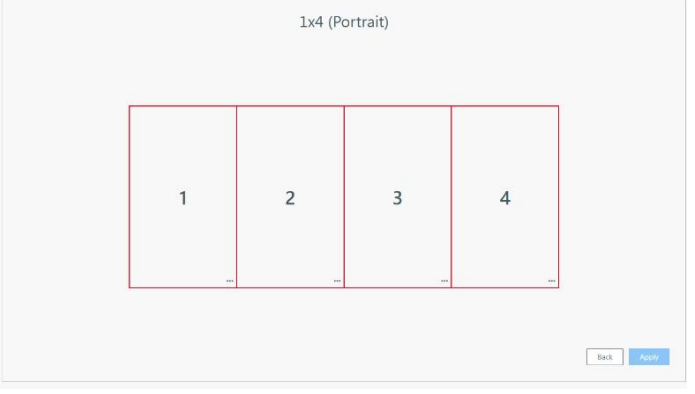
Select 1x4, 2x2, 2x3, 3x2, 4x1, 1x4 (Portrait), or 1x3 (60°) as current video wall mode, take select " 1x4 (Portrait)" as an example:

1) Move the mouse to the icon of 1x4 (Portrait) button, when the mouse becomes the shape of hand, and the button is as the following figure shows, click it to enter the 1x4 (Portrait) page.



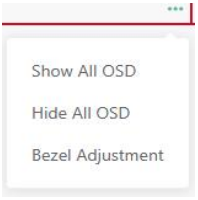


2) Click “Apply” to select the mode as current video wall mode. The video wall diagram border turns from black to red.

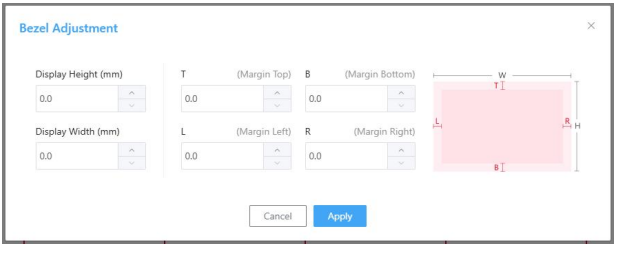


3) Move the mouse to the icon on the bottom right corner of each screen, and click the item on the drop-down menu to configure the OSD, and bezel adjustment.

Note: These configurations can only be set after clicking “Apply”. Before clicking Apply, they are gray and can’t be selected.



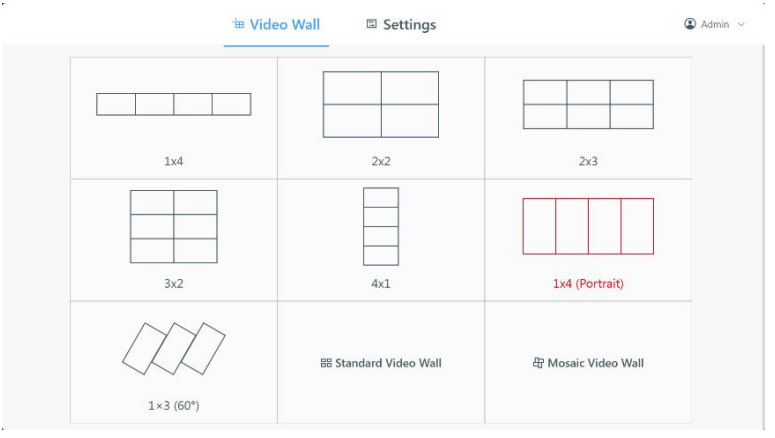
- Show All OSD: Click to show the OSD information on all screens of the video wall.
- Hide All OSD: Click to hide the OSD information on all screens of the video wall.
- Bezel Adjustment: Click to enter bezel adjustment window to set bezel compensation of the current screen, so that there is no position deviation of image from each screen in the video wall.



Default settings: 0; Range: 0-10000

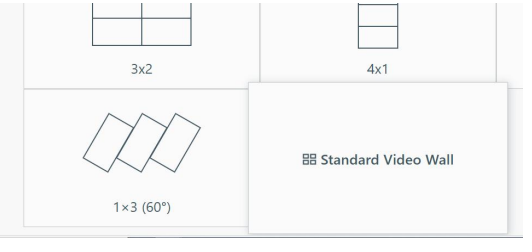
- ✓ Display Width (mm) (W): This is the outside horizontal length (width) of each video wall display.
- ✓ Display Height (mm) (H): This is the outside vertical length (height) of each video wall display.
- ✓ T (Margin Top): This is the top border width of each video wall display.
- ✓ L (Margin Left): This is the left border width of each video wall display.
- ✓ B (Margin Bottom): This is the bottom border width of each video wall display.
- ✓ R (Margin Right): This is the right border width of each video wall display.
- ✓ Apply / Cancel: Click to perform / cancel the settings.

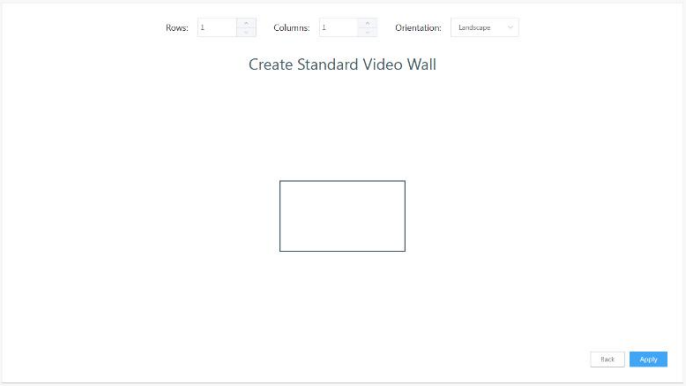
4) Click “Back” to return to the main page, the diagram border and name of the current selected video wall mode turns red.



When select Standard Video Wall mode:

1) Move the mouse to the icon of Standard Video Wall button, when the mouse becomes the shape of hand, and the button is as the following figure shows, click it to enter the Standard Video Wall page. Click to enter the Standard Video Wall mode setting page, and take setting a 4x4 landscape video wall as an example:

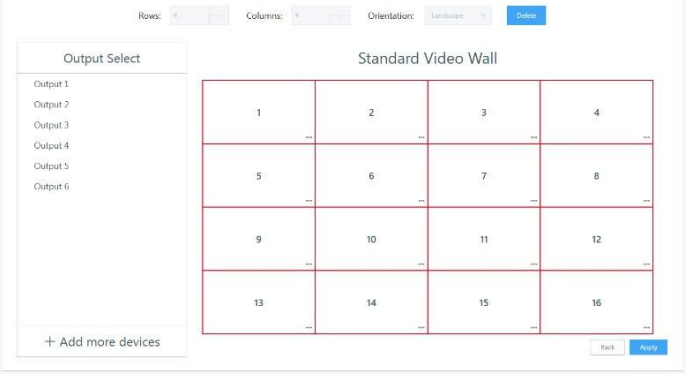




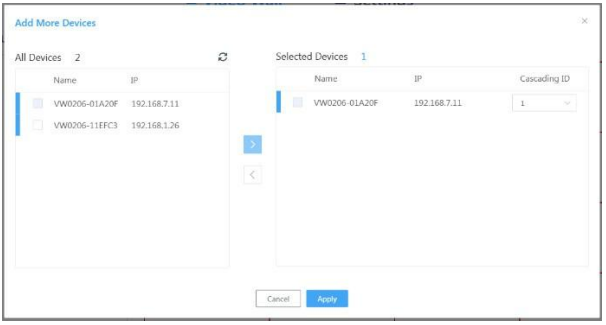
- Rows/Columns: Enter a row/column number or click up or down arrow to select a row and column number of the created video wall. The number must be in the range of 1~6.
- Orientation (Landscape / Portrait): Click to set the video orientation to landscape or portrait from the drop-down menu. The diagram after the two items shows the selected video wall orientation.

2) Click “Apply” to perform the settings. The 4x4 video wall has been created. The frame of the video wall is red when the setting is done.

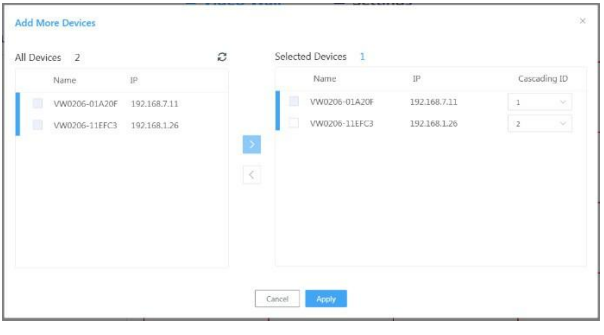
Note: Only one video wall can be created. Click “Delete” button to delete current created video wall.

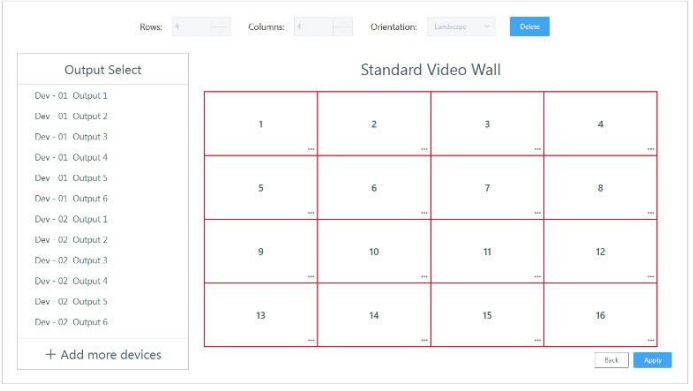


Cascading setting: Click “Add more devices” to enter the following button:



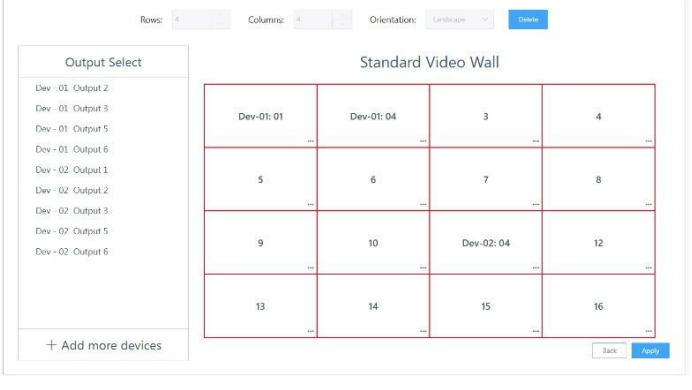
- All Devices: Shows the current devices' names and IP addresses that can be cascaded. Check the box before the name of the device, and click ">" button to select it to cascade. It will be displayed in "Selected Devices" field. When one device is cascaded already, the line of it will become grey and can't be selected. The current device line also shows grey.
- : Click the button to refresh the devices showed in "All Devices" field.
- Selected Devices: Shows the name, IP address, and selects cascading ID of current device and cascaded device.
- Cascading ID: Click to select cascading ID from the drop-down menu.
- Check the box of the cascaded device name, and click "<" button to remove the cascaded device.
- Apply / Cancel: Click to perform / cancel the operation.





Drag the output name on “Output Select” field to the corresponding screen in “Standard Video Wall” field to make the screen show the corresponding image of the video wall (according to the OSD shown on the display).

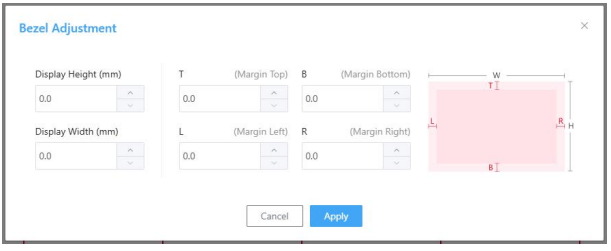
Note: If the OSD information is not shown on the display, please refer to step 5) to get how to enable it.



Move the mouse to the ··· icon on the bottom right corner of each screen, and click the item on the drop-down menu to configure the OSD, and bezel adjustment.



- Remove Output: Remove the current selected output from the corresponding display of the video wall.
- Remove All Output: Remove all selected outputs from the video wall.
- Show All OSD: Shows OSD information on all displays of the current video wall.
- Hide All OSD: Hide OSD information on all displays of the current video wall.
- Flip the Screen: Click to flip the current image of the corresponding display.
- Bezel Adjustment: Click to enter bezel adjustment page:



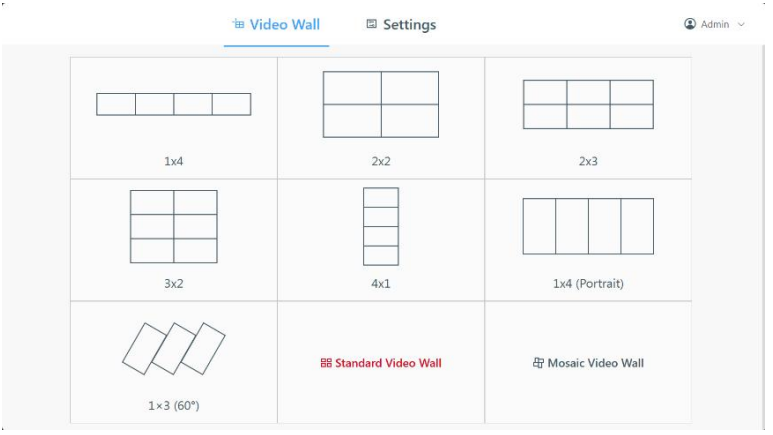
Default settings: 0; Range: 0-10000

- ✓ Display Width (mm) (W): This is the outside horizontal length (width) of each video wall display.
- ✓ Display Height (mm) (H): This is the outside vertical length (height) of each video wall display.
- ✓ T (Margin Top): This is the top border length of each video wall display.
- ✓ L (Margin Left): This is the left border length of each video wall

display.

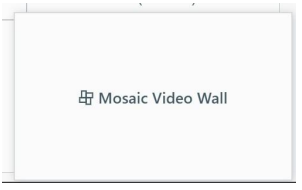
- ✓ B (Margin Bottom): This is the bottom border length of each video wall display.
- ✓ R (Margin Right): This is the right border length of each video wall display.
- ✓ Apply / Cancel: Click to perform / cancel the settings.

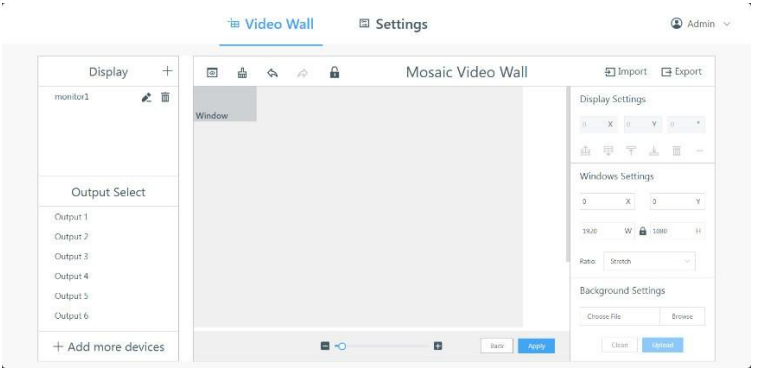
3) Click “Apply” to perform the operations. Click “Back” to return main page.



When select Mosaic Video Wall mode:

1) Move the mouse to the icon of Mosaic Video Wall button, when the mouse becomes the shape of hand, and the button is as the following figure shows, click it to enter the Mosaic Video Wall page:





Instructions of the page:

- Display +: Preset displays according to the actual video wall.
- Output Select: Configure output port for displays in the video wall.
- + Add more devices: Configure cascading devices.



- / : Click to toggle between Preview (green icon) and Stop Preview modes (black icon).

  : To enable real-time preview—any changes (e.g. window ratio) made to the Scene will be immediately reflected on the HDMI output displays.

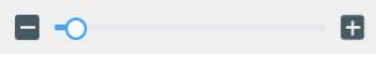
  : To disable Preview Mode. All changes will only be shown on the Web UI; the HDMI outputs will continue displaying the previously image without change.

- : Click to clean all displays on the center window view (can't clean background image).

- : Click to undo the current operation. Click again to undo the previous operation.

- : Click to redo the undone operation. Click again to redo the previous undone operation.
- : Unlock status. In this status, all zones in this page can be configured normally.

  : Lock status (Click the button to change status between unlock and lock). In this status, all zones except “+ Add more devices”, “Ratio” in “Window Settings” zone, and the buttons on top bar can’t configured.
- Import: Click to import a configuration file from the local PC.
- Export: Click to export the configurations file to local PC.

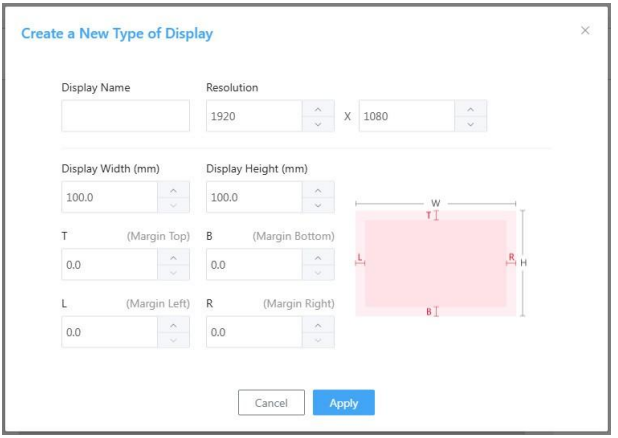


- Zoom In / Out the center view: Drag the slider to zoom in / out the center view.

  Note: You can zoom in and out of the center view by holding the “Ctrl” key and scrolling the mouse wheel, making it easier to view.
- Display Settings: Configure the selected display’s coordination, rotation angle, layers, remove the output the selected display configured and enable / disable OSD.
- Window Settings: Configure the source’s position, size and ratio.
- Background Settings: Upload the design diagram to the center view for reference to set video wall.

2) Preset displays on “Display” zone (according to the actual connected displays, supports setting up to 6 x N display, N = the number of cascading devices).

   Click “+” button on “Display” zone to enter “Create a New Type of Display” page:

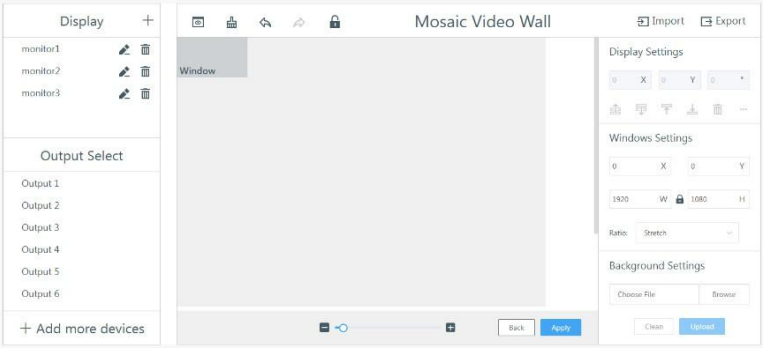


- Display Name: Input a display name, such as “monitor1”, the length of the name can’t exceed 16 characters.
- Resolution: Input the connected display’s resolution, such as 1920 x 1080.
- Display Width (mm): This is the outside horizontal length (width) of each video wall display.
- Display Height (mm): This is the outside vertical length (height) of each video wall display.
- T (Margin Top): This is the top border width of each video wall display.
- L (Margin Left): This is the left border width of each video wall display.
- B (Margin Bottom): This is the bottom border width of each video wall display.
- R (Margin Right): This is the right border width of each video wall display.

Display Width (mm) / Display Height (mm) / T (Margin Top) / L (Margin Left) / B (Margin Bottom) / R (Margin Right) default settings: 0; Range: 0-10000.

- Apply / Cancel: Click to perform / cancel the settings.

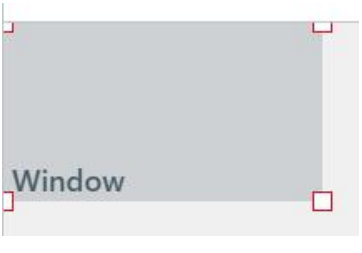
Set up display presets through the “Create a New Type of Display” interface based on the specifications of the displays you are using.



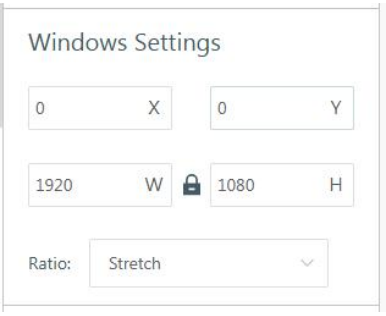
- : Click to enter “Create a New Type of Display” page to change the display’s configurations.
- : Click to delete the corresponding preset display.

3) Adjust the window diagram (source).

Click the window preview in the center view. When the red resize handles appear at the four corners, you can drag any corner to adjust the window size, or hold down the left mouse button and drag to change its position.

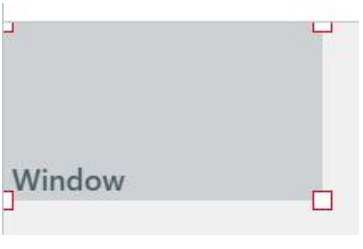


You can configure the window in the “Windows Settings” section on the right.

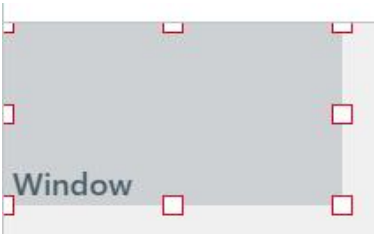


- X / Y: The coordinate of the window diagram's top-left point in the center view area. Default setting: 0, 0.
- W / H: The width and height of the window diagram in the center view area. Default setting: W: 1920, H: 1080.

When the icon between W and H box shows "🔒" (default), it indicates proportional (locked) adjustment of width and height. When this mode is active, clicking the window preview only allows proportional resizing.



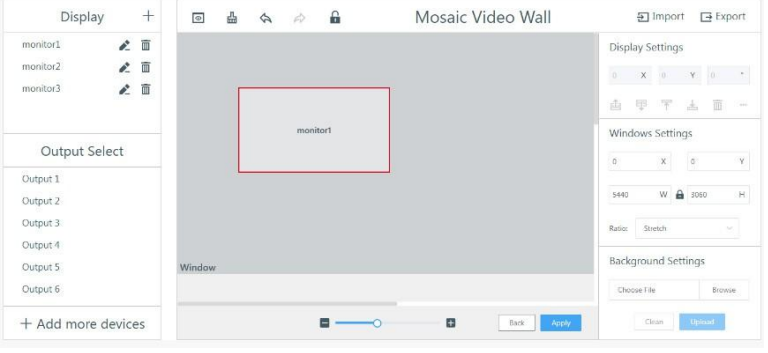
When the icon between W and H shows "🔓" (click the button to change its status), it indicates that the width and height can be adjusted independently. In this mode, the preview appears as shown below, and you can freely adjust the width and height with the mouse.



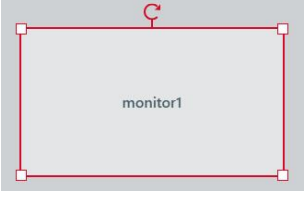
- Ratio: Set the window's ratio to stretch or fit. Default setting: Stretch. The source image will be stretched and full the whole screen. When set it to fit, the source image will fit the display screen.

4) Create video wall layout.

A. Drag the name of the created display from the "Display" zone onto the window preview in the center view.

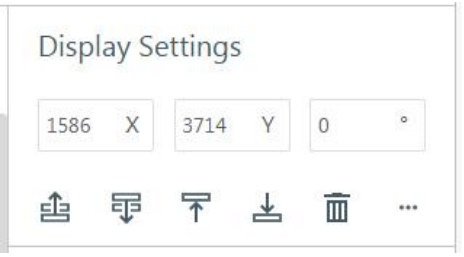


B. Click the display on the window preview. When the adjustment frame appears (as shown on the following figure), you can drag it with the mouse to change its position, resize it, or rotate it.



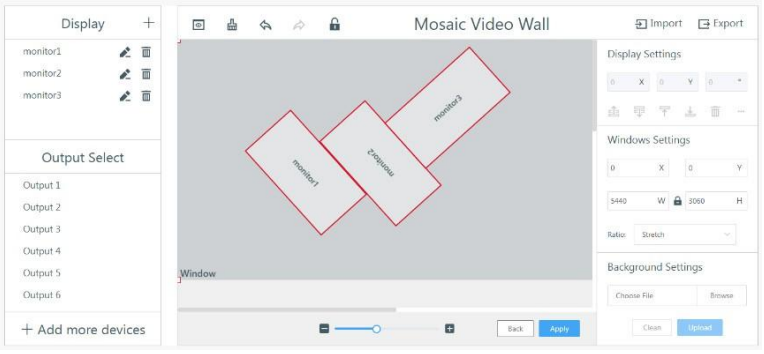
Note: After multiple display windows are dragged onto the window preview, resizing one of them will cause all of them to scale proportionally.

If you need to adjust the size of an individual display in this scenario, please make the changes in the “Display Settings” section.



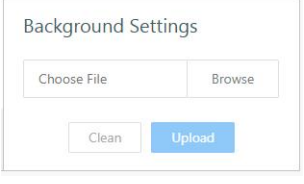
- X / Y: The coordinate of the display diagram’s top-left point in the center view area.
- °: The rotation angle of the display. Default setting: 0°.
- : Forward button. Click to set the corresponding display up by one level.
- : Back button. Click to set the corresponding display down by one level.
- : Top button. Click to bring the corresponding display to the top layer.
- : Bottom button. Click to bring the corresponding display to the bottom layer.
- : Delete button. Click to delete the corresponding display.
- ··· : Click the button, select the options to remove output or enable / disable OSD. These configurations can only be enabled after a video wall has been created and click “Apply”.

C. Arrange the displays according to the video wall layout that will be used.

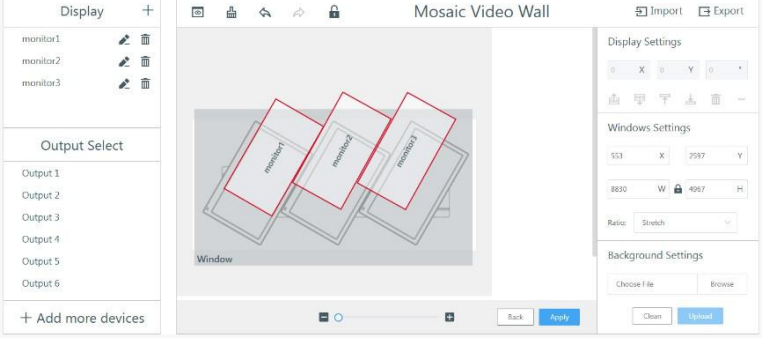


You can also arrange the displays by uploading the video wall design drawing currently in use through “Background Settings” zone.

- Click “Browse” on “Background Settings” zone to select the reference design diagram from the local PC.

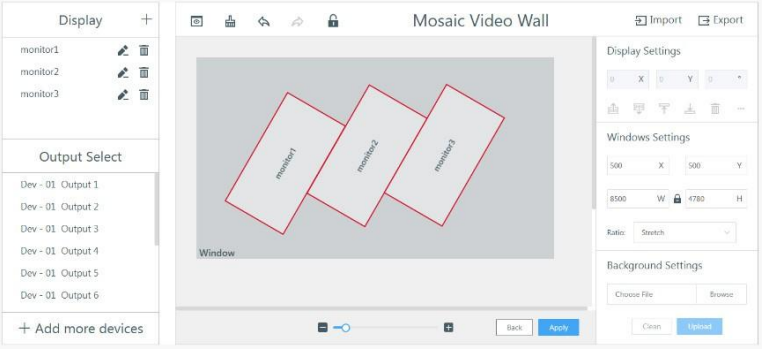


- Click “Upload” to upload the design diagram to web UI, the diagram will be shown on center zone.



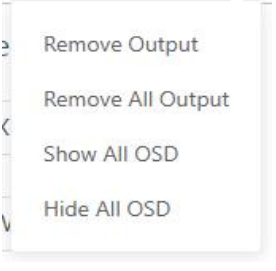
Clean: Clean the uploaded background.

5) Cascading setting: The operations are same with “Standard Video Wall” Mode.



6) Click “Apply” to perform the settings.

7) Click one display on the center window to make it in edit mode, and click “ ••• ” button to enable OSD.



- Remove Output: Remove the current selected output from the corresponding display of the video wall.
- Remove All Output: Remove all selected outputs from the video wall.
- Show All OSD: Shows OSD information on all displays of the current video wall.
- Hide All OSD: Hide OSD information on all displays of the current video wall.

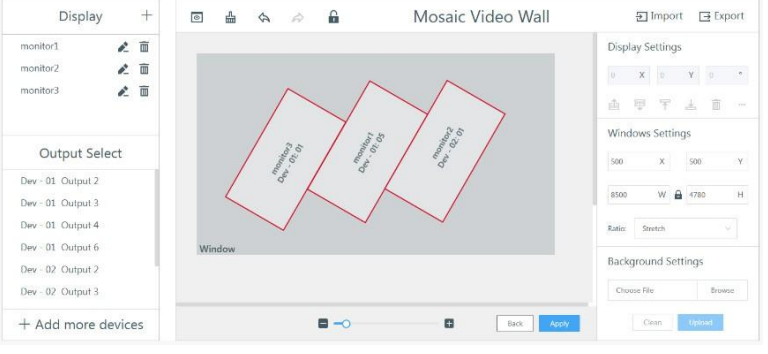
8) Configure output for monitors on the created video wall according the OSD information on the connected display.

Drag the output name on “Output Select” field to the corresponding display

window in center field to make the screen show the corresponding image of the video wall (according to the OSD shown on the display).

Note:

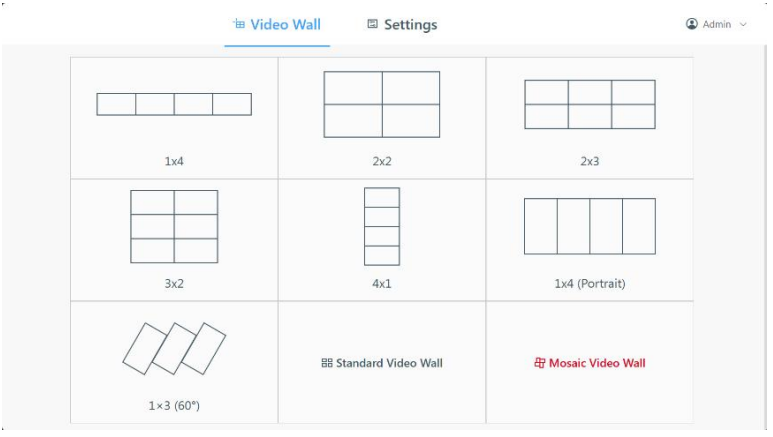
- When the display rotation angle is 0°, 90°, 180°, or 270°, all output ports can be configured.
- When the rotation angle is set to any other value, Output 1, 3, and 5 remain configurable, while Output 2, 4, and 6 are disabled.
- The same rule applies to cascaded devices.



Delete output:

Click the display you want to delete the configured output, then click “ ••• ” on “Display Settings” zone, and select “Remove Output” to remove the output the corresponding monitor selected. Click “Remove all Output” to remove all selected outputs from the video wall.

9) Click “Apply” to perform the operations. Click “Back” to return main page.



8.2.2 Settings

1. Input



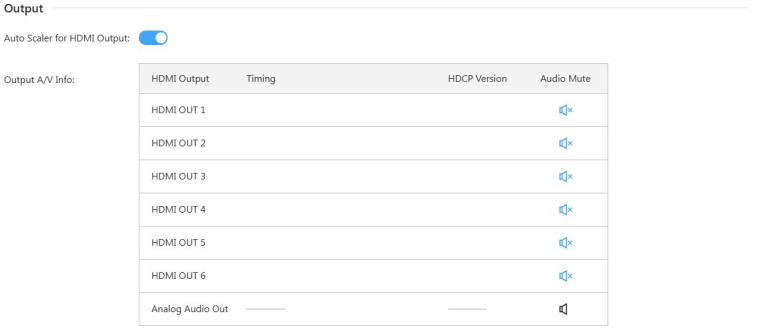
This section allows users to set input switching mode, set HDCP of each input, and get A/V information of each input.

- Input Switching: Check the box before “Auto”, “HDMI Input 1” and “HDMI Input 2”. Default setting: Auto, input switching follows auto switching function. When auto switching is unchecked, users can select HDMI Input 1 or 2 as input source.
- HDMI Input 1/2 HDCP On/Off: Click to set HDCP function to on/off of HDMI input 1/2. Default setting: On.

- Input A/V Info: Shows the current A/V information and HDCP version of HDMI input 1 and 2.

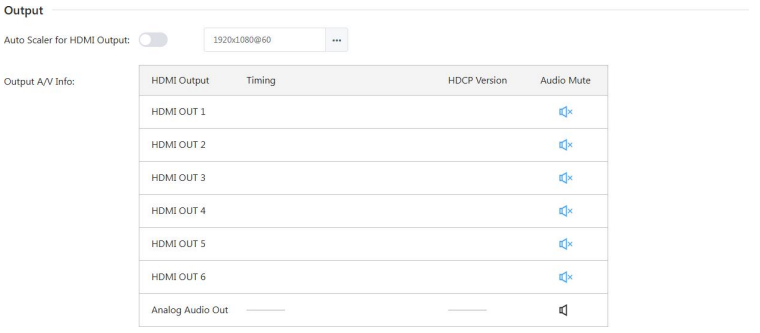
Note: When the device is in cascading mode, both auto and manual switching are switching inputs of the device whose ID is set to 1. Users can set device ID on the page of "Standard Video Wall" or "Mosaic" mode settings.

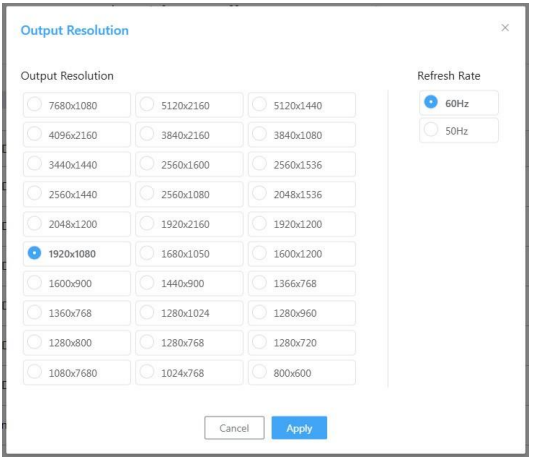
2. Output



This section manages resolution configurations for output video wall, shows A/V information of outputs and set audio mute of each HDMI output and analog audio output.

- Auto Scaler for HDMI output: When it is set to on, the device will automatically adapt to display EDID and resolution. E.g., if the display supports up to 4K@30Hz, the device will output signal with 4K@30Hz. When it is set to off, users can click " ⁗ " and select a desired output resolution from the "Output Resolution" page for the output ports. Default setting: On.





- Output A/V Info: Check the A/V information, and HDCP information of each HDMI outputs.

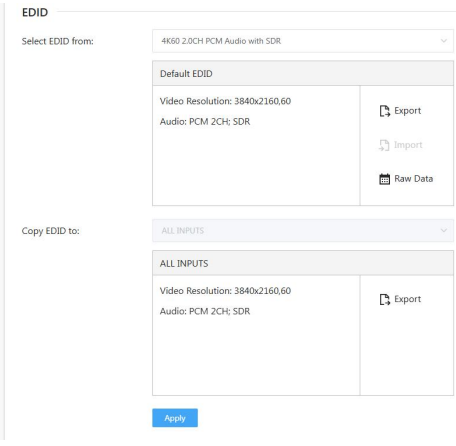
  : Mute;

  : Unmute.

  Click the button to change mute and unmute status of each HDMI output and analog audio output.

  Default setting: HDMI OUT 1~6: Mute; Analog Audio Out: Unmute.

3. EDID



This section allows users to manage EDID configurations.

- Select EDID from: Select an EDID from the drop-down menu for all inputs.

  Selectable EDID includes:

  Output Port:

  HDMI OUT 1;

  HDMI OUT 2;

  Default EDID:

  4K60 2.0CH PCM Audio with HDR;

  4K60 2.0CH PCM Audio with SDR (default);

  4K30 2.0CH PCM Audio with HDR;

  4K30 2.0CH PCM Audio with SDR;

  5120 x 2160@30Hz 2.0CH PCM Audio with SDR;

  5400 x 1920@30Hz 2.0CH PCM Audio with HDR;

  5400 x1920@30Hz 2.0CH PCM Audio with SDR;

  5120 x 1440@60Hz 2.0CH PCM Audio with SDR;

  5120 x 1440@30Hz 2.0CH PCM Audio with SDR;

  3840 x 600 @ 60Hz 2.0CH PCM Audio with HDR;

  3840 x 600 @60Hz 2.0CH PCM Audio with SDR;

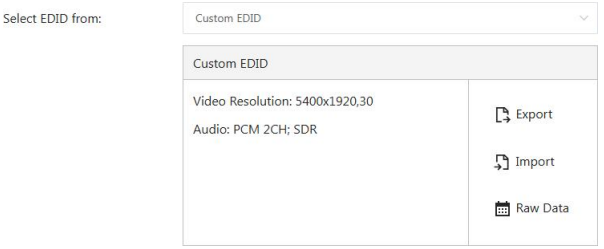
  1080p @ 60 Hz 2.0CH PCM Audio with HDR;

  1080p @ 60Hz 2.0CH PCM Audio with SDR;

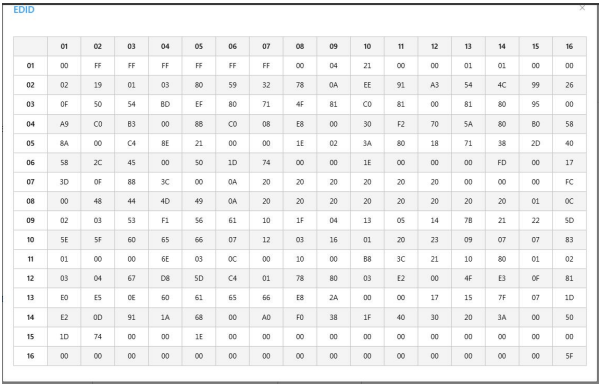
1080p @ 50Hz 2.0CH PCM Audio with SDR;

Custom EDID.

- Export : Click to export the current selected EDID as a bin file to local PC.
- Import : When select custom EDID, click the button to import an EDID bin file.



- Raw Data : Click to show the raw data of current selected EDID.

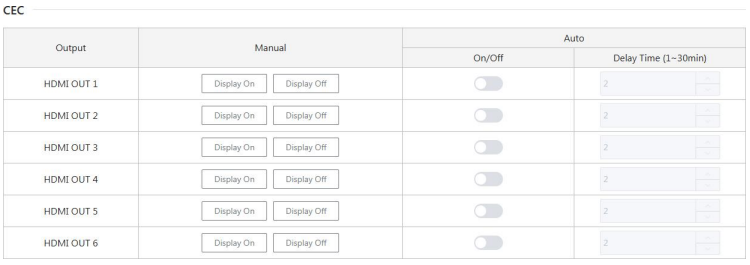


	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
01	00	FF	FF	FF	FF	FF	FF	00	04	21	00	00	01	01	00	00
02	02	19	01	03	80	59	32	78	0A	EE	91	A3	54	4C	99	26
03	0F	50	54	BD	EF	80	71	4F	81	C0	81	00	81	80	95	00
04	A9	C0	B3	00	88	C0	08	E8	00	30	F2	70	5A	80	B0	58
05	8A	00	C4	8E	21	00	00	1E	02	3A	80	18	71	38	2D	40
06	58	2C	45	00	50	1D	74	00	00	1E	00	00	00	FD	00	17
07	3D	0F	88	3C	00	0A	20	20	20	20	20	20	00	00	00	FC
08	00	48	44	4D	49	0A	20	20	20	20	20	20	20	20	01	0C
09	02	03	53	F1	56	61	10	1F	04	13	05	14	7B	21	22	5D
10	5E	5F	60	65	66	07	12	03	16	01	20	23	09	07	07	83
11	01	00	00	6E	03	0C	00	10	00	B8	3C	21	10	80	01	02
12	03	04	67	D8	5D	C4	01	78	80	03	E2	00	4F	E3	0F	81
13	E0	E5	0E	60	61	65	66	E8	2A	00	00	17	15	7F	07	1D
14	E2	0D	91	1A	68	00	A0	F0	38	1F	40	30	20	3A	00	50
15	1D	74	00	00	1E	00	00	00	00	00	00	00	00	00	00	00
16	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	5F

- Copy EDID to All INPUTS: Click “Apply” to write the selected EDID in “Select EDID from” bar to both input 1 and input 2.

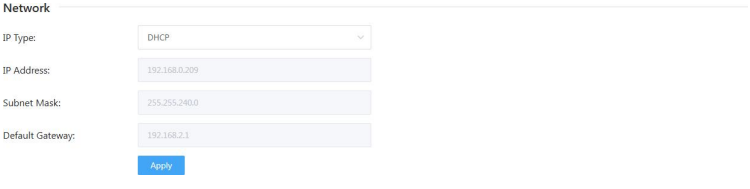
Export : Click to export the current written EDID as a bin file to local PC.

4. CEC



- Display On: Click to power on the display connected to the output selected.
- Display Off: Click to power off the display connected to the output selected.
- Auto On/Off: Select to enable or disable CEC Auto Control.
  Default setting: Off.
- Auto Delay Time (1~30min): Click the up/down arrow to set the time for the display to power off automatically when no signal is present. For example, if the time is set to 2 minutes, the output display will power off automatically when there's no signal at the display for 2 minutes.

5. Network



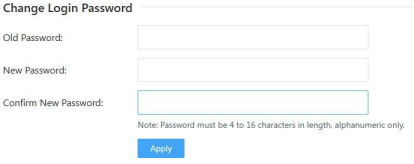
This section is to set between the static and dynamic IP address.

- IP Type:
  - DHCP: When enabled, the IP address of the device is assigned automatically by the DHCP server connected.
  - Static: When enabled, you need to set up the IP address manually.

  Default setting: DHCP.
- Save: Click to save and perform the network setting, and the setting change will take effect immediately.

Note: When "Static" is selected, please ensure your PC is in the same network segment as the device.

6. Change Login Password



This section is to change login password.

Default password: admin.

Note: Password must be 4 to 16 characters in length, alphanumeric only.

7. Custom Web UI Logo

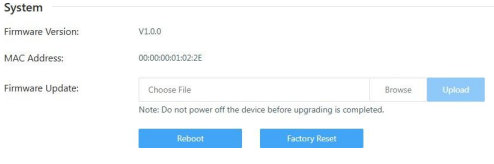


This section allows you to create your own logo for the Web UI.

To create customized Web UI logo: click “Browse” for the new logo file, and click “Apply”.

Note: The new logo used should be in PNG format with a resolution of 300x60 pixels.

8. System



- Firmware Version: Shows current firmware version.
- Mac Address: Shows mac address.
- Firmware Update:

➢ Click “Browse” for the update bin file.

➢ Click “Update” to proceed. The update will be completed when the progress

bar reaches 100%.

Note:

- The device will reboot automatically when firmware update is completed successfully. Please wait for about 2-3 minutes, then refresh and log in again.
- DO NOT power off the device during the updating process.

- Reboot: Click to reboot the device.
- Factory Reset: Click to reset the device to factory defaults.

9. Log



This section displays system setting change records. Click “Export Log” to download the log to your local computer.