

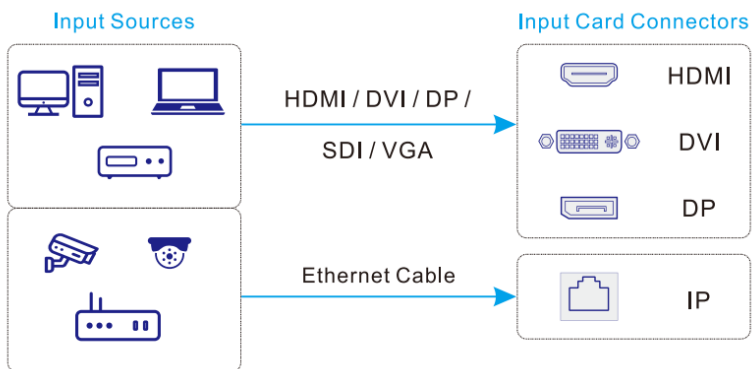


NovaStar H2 User Guide

Step 1 / Device Connections

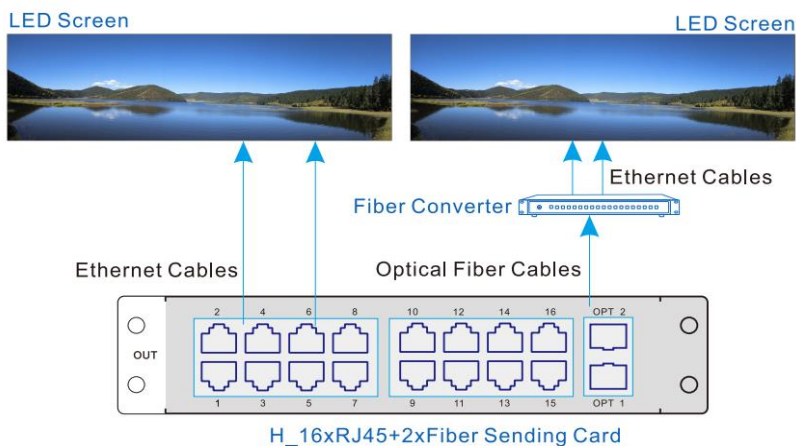
1. Input

Connect the video sources to corresponding connectors on the input cards.



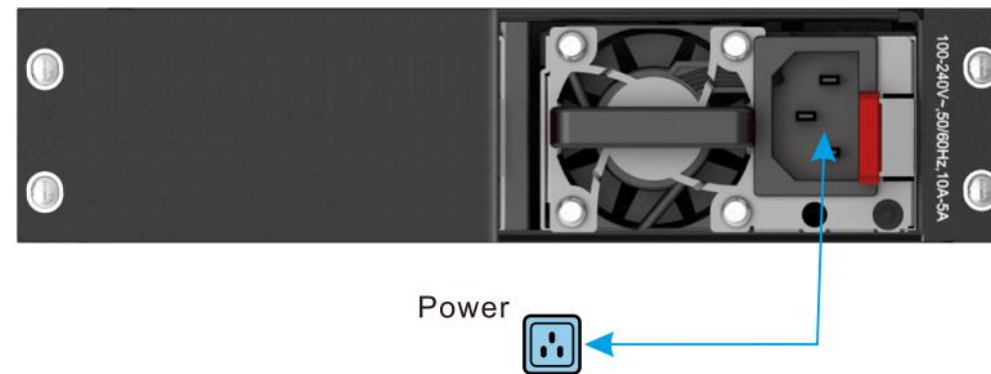
2. Output

Connect the Ethernet ports of this card to the LEDscreen directly. The LED screen parameters and screen connections can be set in NovaLCT.



3. Power Supply

Plug the supplied power cord and power on the device.



Step 1 / Device Connections

4. Control

You can control the H series video wall splicers through either of the following two methods:

Method I: Direct control

Connect the Ethernet port on the control card to the control PC.

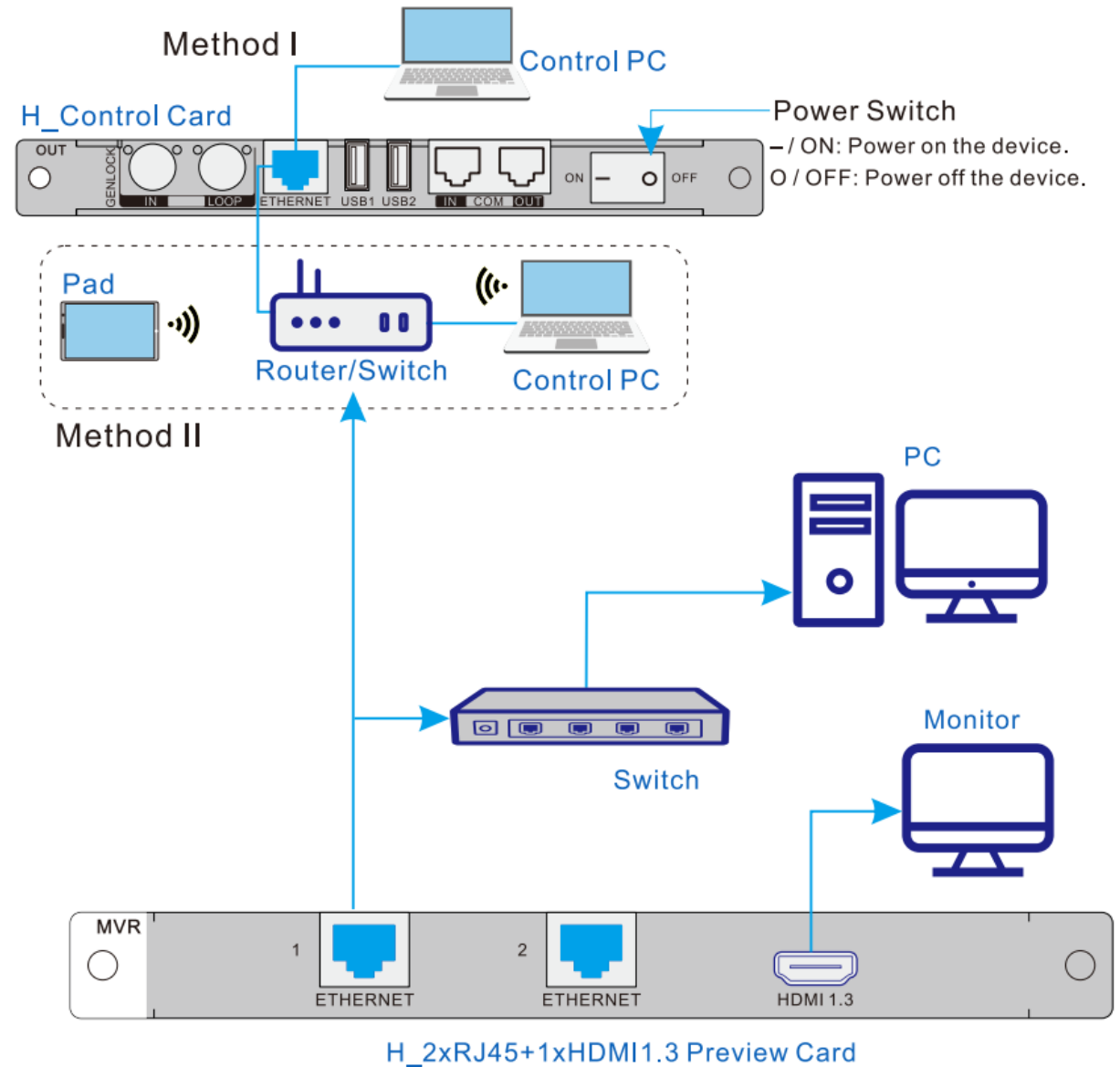
Method II: Using a router or switch (wired or wireless)

Connect the Ethernet ports of both the device control card and control PC to the LAN ports of the router or switch.

5. Monitoring

Ethernet monitoring: Connect one of the Ethernet ports on the preview card and the Ethernet port of the control card to the same switch for the input source and screen monitoring on the Web page.

HDMI monitoring: Connect the HDMI connector of the device preview card to a monitor directly.

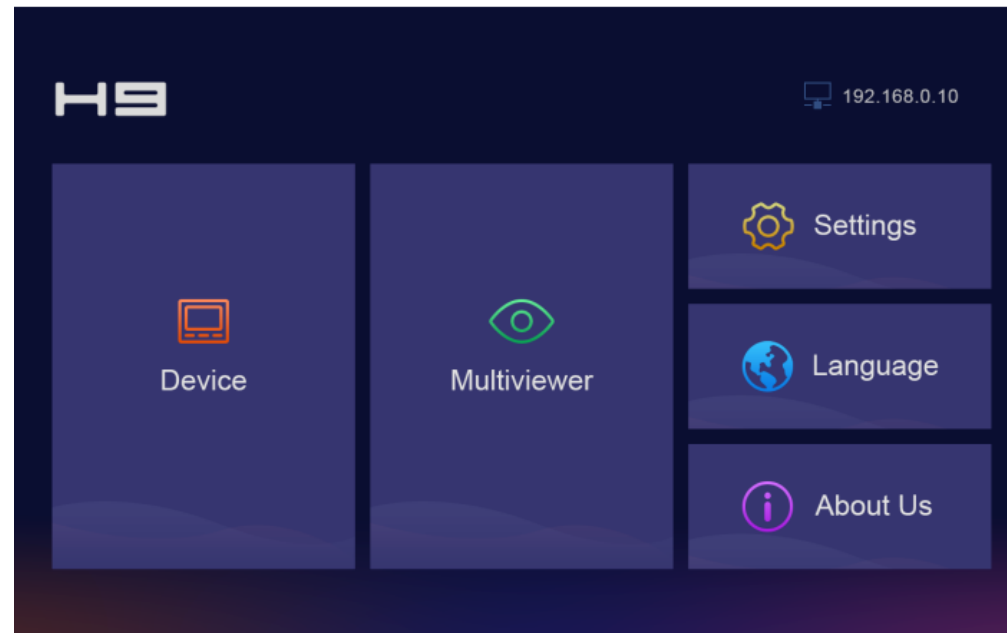


Step 2 / Device Login

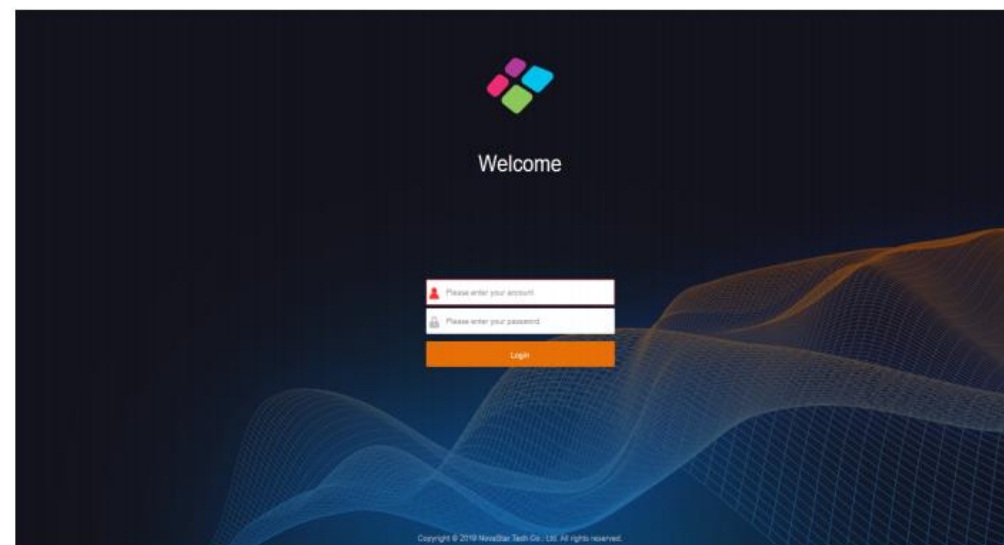
1. Connect the power cord and set the rocker switch on the H Control Card to ON. The device home screen is lit and displays the home screen.
2. Enter the **device IP address** into your browser's address bar and press Enter. The Web page appears.
3. Enter the username and password, and then click Login.

Notes:

1. The IP addresses of the control PC and device **must be** on the same network segment.
2. You can obtain the **device IP address** from the home screen. The default IP address of the device is 192.168.0.10, and the IP address of the control PC must be 192.168.0.X.X **can not be** the same as the last number in the device default IP address.
3. The default username and password are both **admin**.



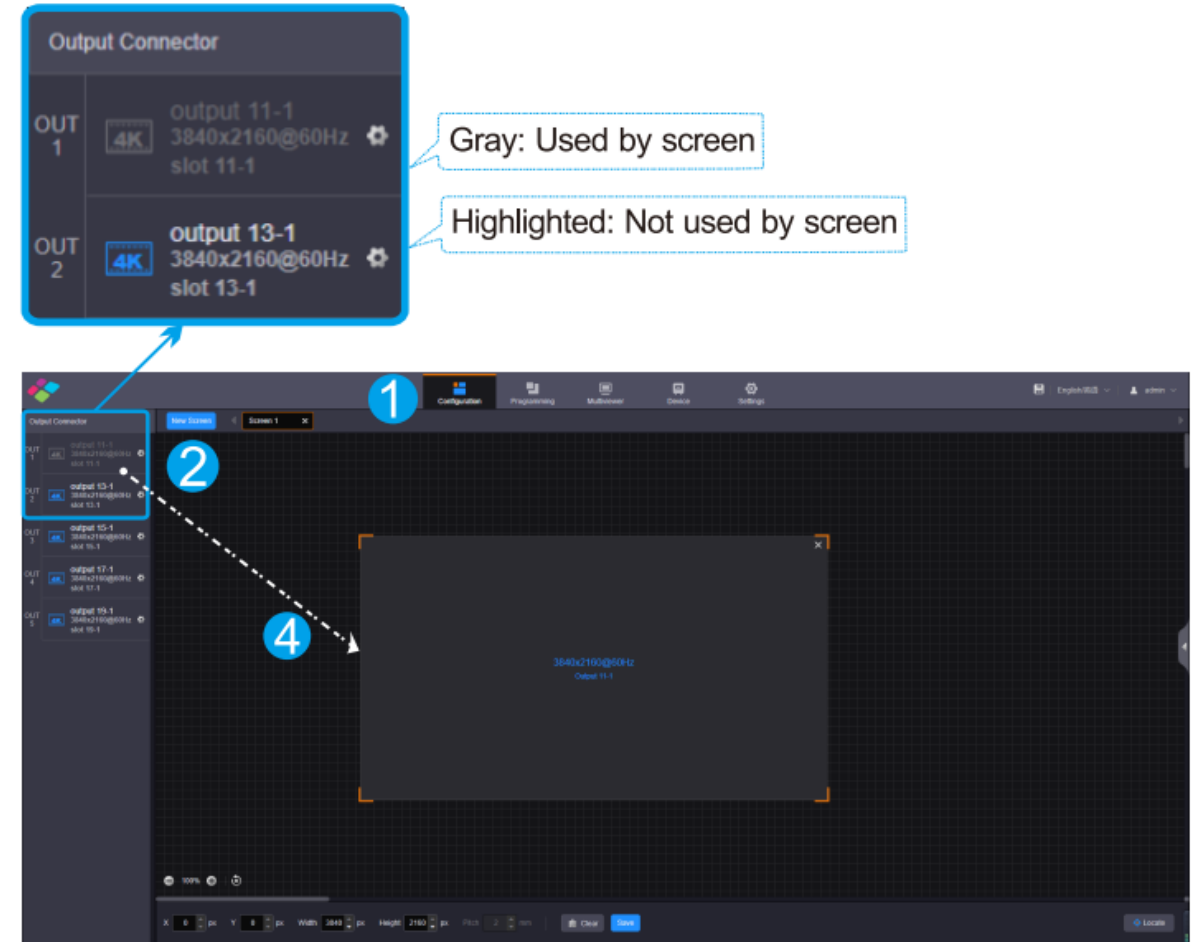
H series home screen (H9 for example)



Step 3 / Screen Configuration

1. Select **Configuration** to enter the screen configuration page.
2. Click **New Screen** at the top to pop up the New Screen window to add a new screen.
3. Set the screen row and column quantities according to on-site setup, and then click **OK**.
4. Click and drag an output connector on the left to the screen editing area to complete the screen configuration.
5. Log in to **NovaLCT** (This step is detailed on the next page), and go to **Screen Configuration** → **Screen Connection**. Set the Ethernet ports, screen and cabinet connections.

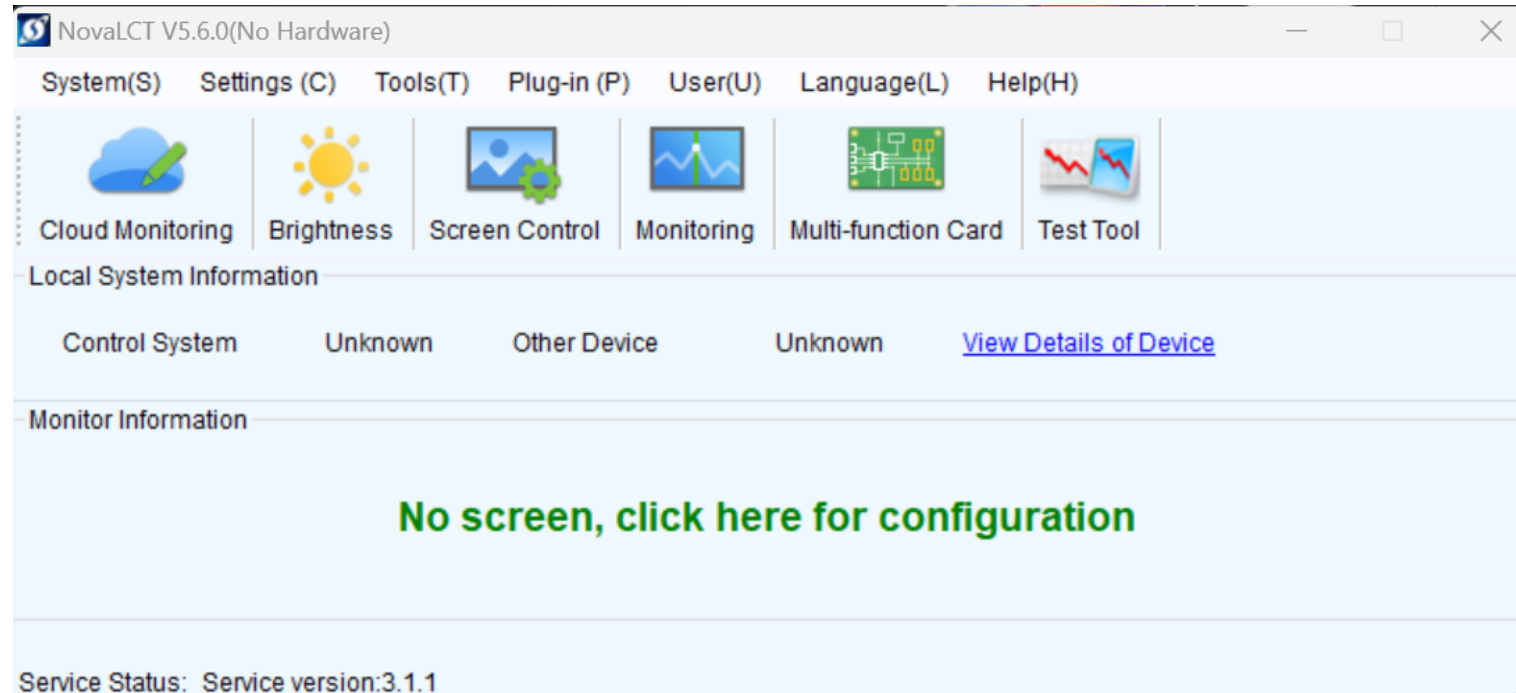
Notes: Only the outputs that have the same resolution and are from the output connectors of the same type can be configured on a screen.



Step 4 / NovaLCT Connection

NovaLCT Connection:

1. The PC with NovaLCT installed sends the control commands, parameters, and configuration files to the multimedia players via Ethernet cable or Wi-Fi.
2. If the software is not the latest version, an **Online Update** dialog box will pop up. You can click **Update** to update the software.
3. On the menu bar, choose **User** → **Media Player Login**.
4. In the Terminal List dialog box, click **Refresh**.



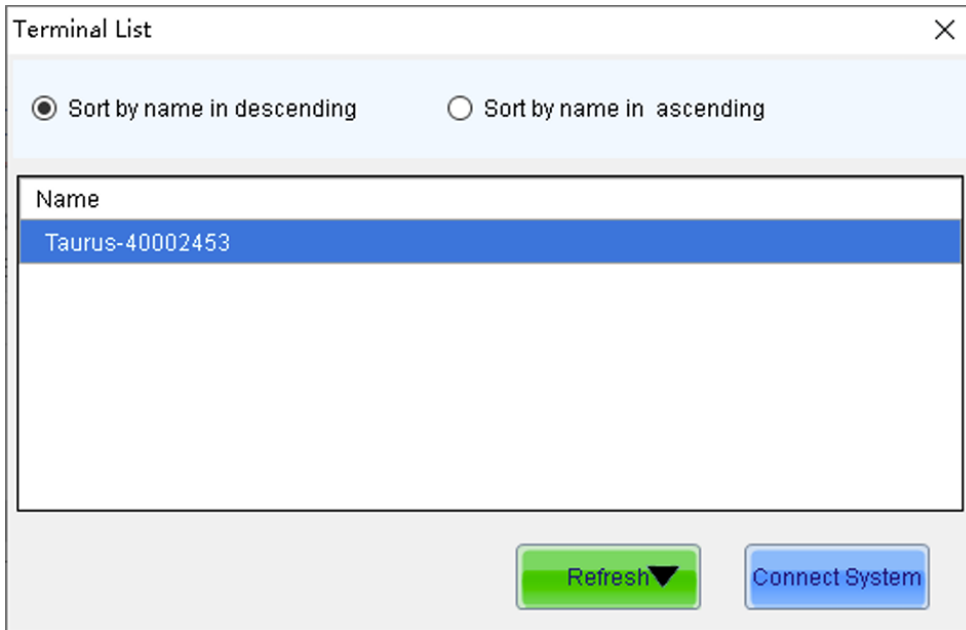
Main window (Not logged in)

Step 4 / NovaLCT Connection

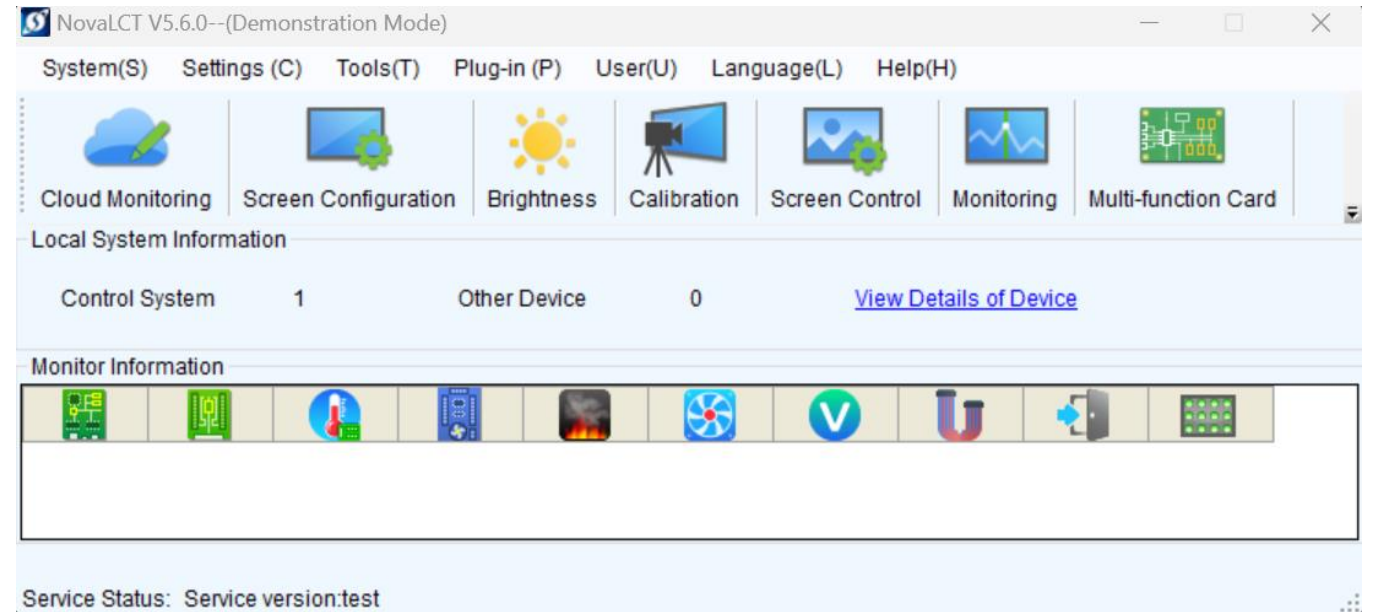
NovaLCT Connection:

5. Select a multimedia player from the list and click **Connect System**.
6. Enter the user name and password, and then click **OK**.

For example, the login user name and the default password of Taurus series multimedia players are “admin” and “123456”, respectively.



Selecting a terminal

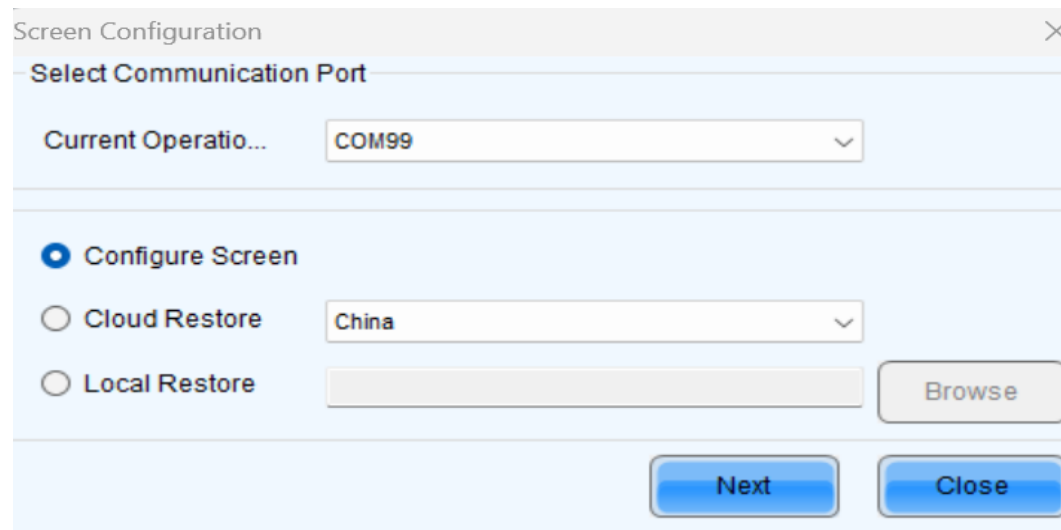


Main window (Logged in)

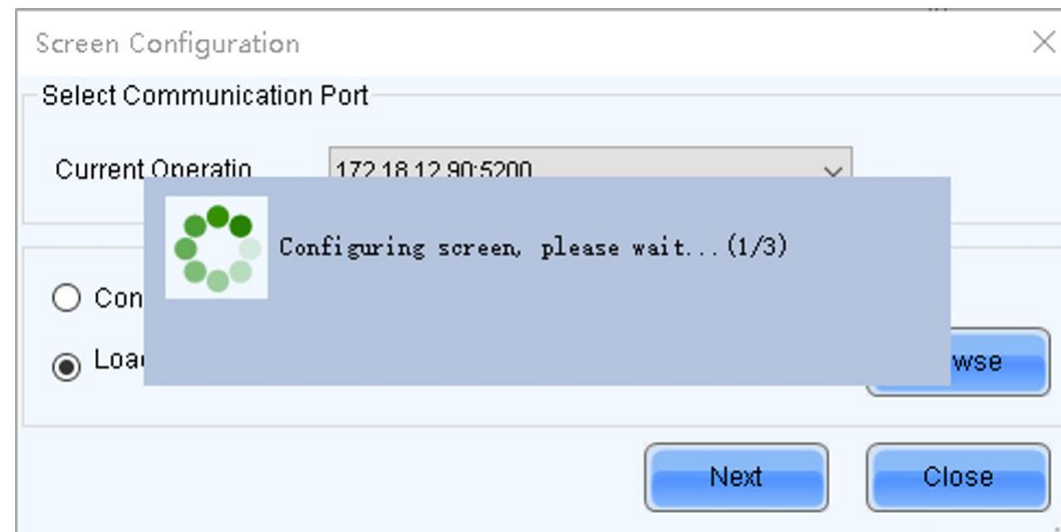
Step 5 / Loading Configuration File

NovaLCT Loading Configuration File:

1. Log in to the multimedia player.
2. Click **Screen Configuration** or choose **Settings** → **Screen Configuration** from the menu bar to open the dialog box.



3. Select **Load Configuration File**.
4. Click **Browse**, select a configuration file, and click **Open**.
5. Click **Next** to start loading the configuration file.



Step 6 / Connecting Screen

1. On the **Screen Configuration** page, click the **Screen Connection** tab.

2. Set the screen quantity and click **Configure**.

If the multiple output ports of the multimedia player load the different areas of the same screen, set the screen quantity to 1. If the multiple output ports of the multimedia player load different screens, set the screen quantity to the number of screens loaded.

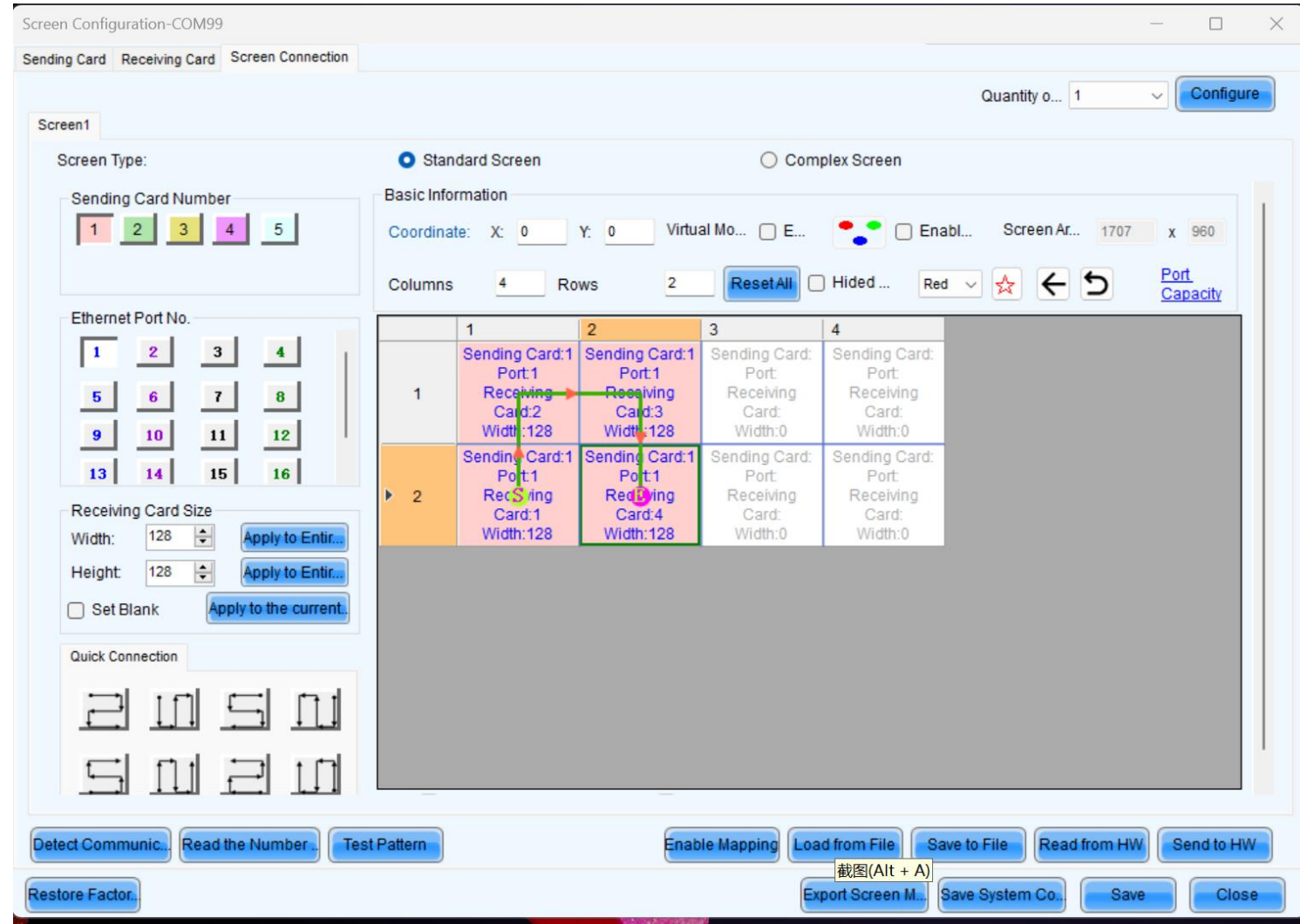
3. On the **Standard Screen** page, set the column and row quantity of receiving cards. For example, set them to 4 columns and 2 rows respectively.

The screenshot shows the 'Screen Configuration-COM99' software interface. The 'Screen Connection' tab is active. The 'Screen Type' is set to 'Standard Screen'. The 'Basic Information' section shows 'Columns' set to 4 and 'Rows' set to 2, which is highlighted with a red box. Below this, a grid of 8 receiving cards is displayed in a 2x4 arrangement. The top-right card (row 1, column 4) is highlighted in dark red. The interface also includes various control buttons at the bottom such as 'Detect Communic...', 'Read the Number...', 'Test Pattern', 'Enable Mapping', 'Load from File', 'Save to File', 'Read from HW', 'Send to HW', 'Restore Factor...', 'Export Screen M...', 'Save System Co...', 'Save', and 'Close'.

Step 6 / Connecting Screen



4. Choose an output port.
5. Set the receiving card size (loading capacity) and connection.
6. Click **Send to HW** to send the configuration information to the hardware.
7. After the settings are done, click **Save** to save the configuration information to the hardware.



Step 7 / Programming

■ Adding Layers

Add, clear, sort, move and resize the layers after a screen is added.

1. Select **Programming** to enter the layer editing page.
2. Select the desired screen on the top.

3. Add a layer,

Click and **drag** an input source on the left to the editing area to add a layer.

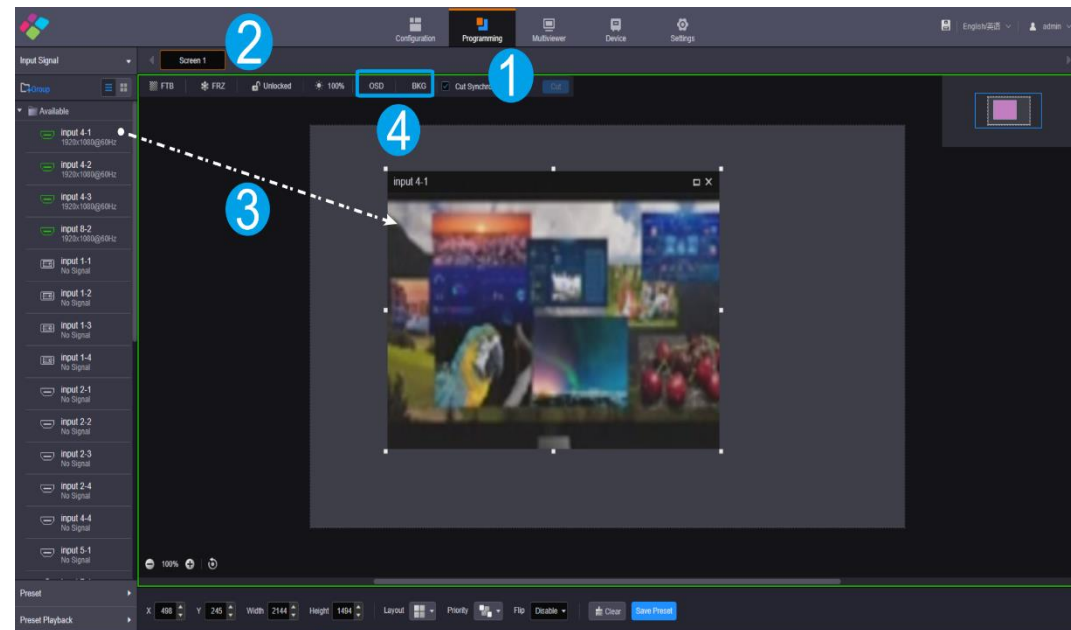
- Click and drag the layer edge to quickly resize the layer.
- Enter the **Width** and **Height** values to quickly resize the layer.
- Click and drag the layer area to quickly move the layer.
- Enter the **X** and **Y** values at the bottom to precisely move the layer.

4. Add a **BKG** or **OSD**.

Click the OSD or BKG button at the top to expand the OSD or BKG settings pane.

Enable the OSD or BKG function by selecting **Enable**.

Click a BKG image and it will be added to the editing area automatically. OSD text or image will be added to the screen automatically.



Notes

- Drag an input source to an existing layer to quickly switch the layer input source.
- Click **Layout** at the bottom to quickly add and arrange the layers.
- Click **Clear** at the bottom to clear all the layers.
- Make sure you have imported BKG or OSD files before you add a BKG or OSD.

Step 7 / Programming

■ Preset

Save the screen and layer information that have been edited on the Programming page as a preset, and then load the preset.

The preset is saved for the screen that you select, so the preset changes when you select a different screen.

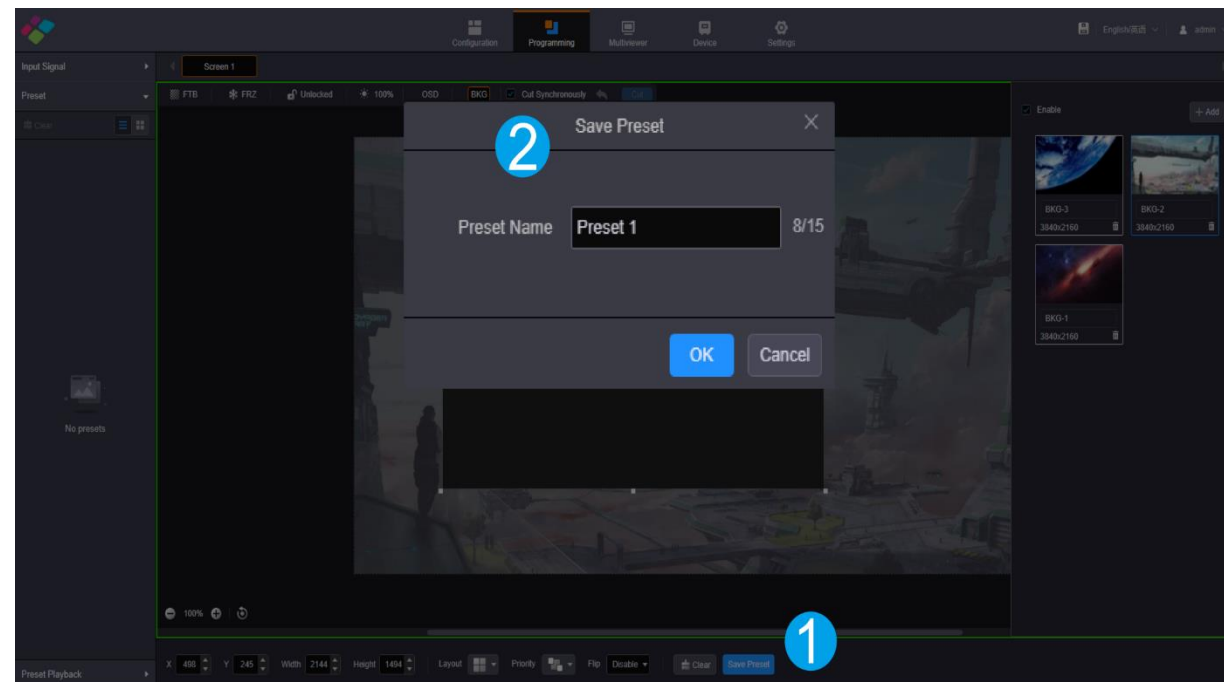
1. Saving Presets

- After the layer settings are completed on the **Programming** page, click Save Preset at the bottom to save the settings as a preset.


- Name the preset in the **Save Preset** window that appears, and click **OK** to save the change.

2. Loading Presets

- Click **Preset** on the left of the **Programming** page to show the preset list.



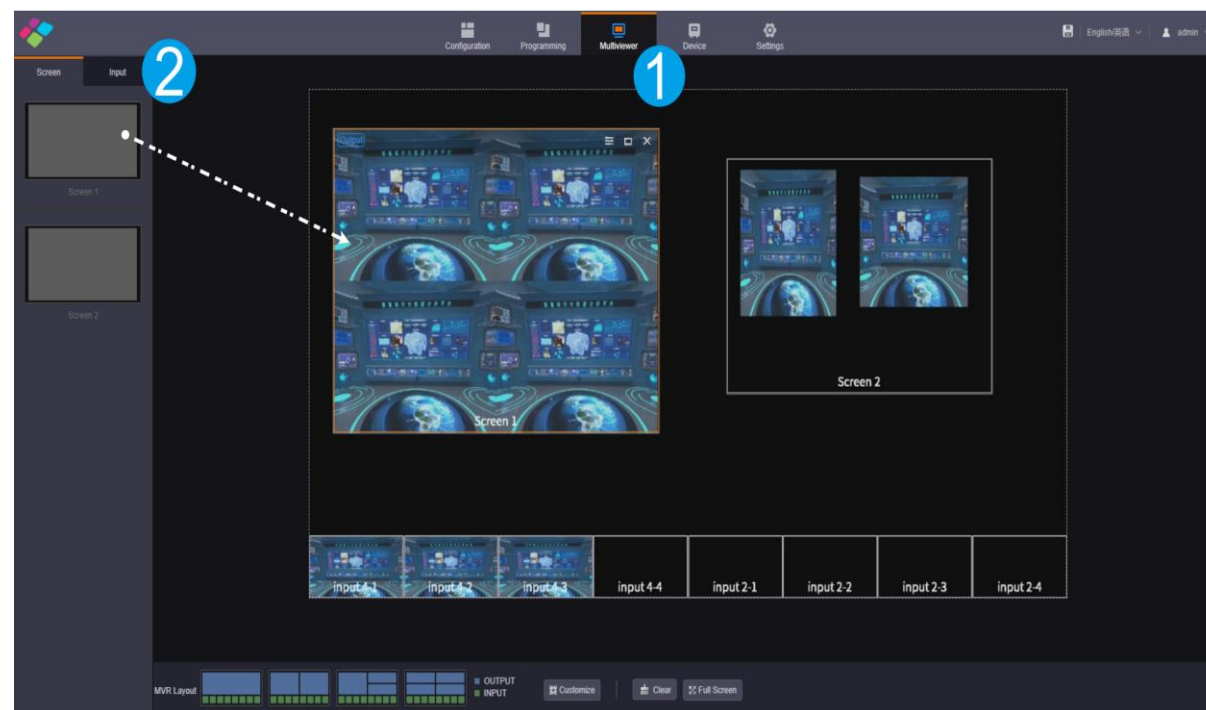
Note

Click  above the preset list to switch to thumbnail view that allows you to view the layer layout of the preset.

Step 8 / Multiviewer

■ Configuring Multiviewer

1. Select **Multiviewer** to enter the Multiviewer settings page.
2. Select the **Screen** or **Input** tab on the left, and then click and drag a screen or input source to the editing area to add an MVR window.
3. After the settings, go to **Multiviewer** on the home screen or Web page to view the monitoring information.
 - **Screen** allows you to monitor the output images on each screen. **Input** allows you to monitor the input source images.
 - The added screens or input sources are shown in gray in the left area.
 - Select an MVR layout at the bottom to quickly arrange the MVR windows.

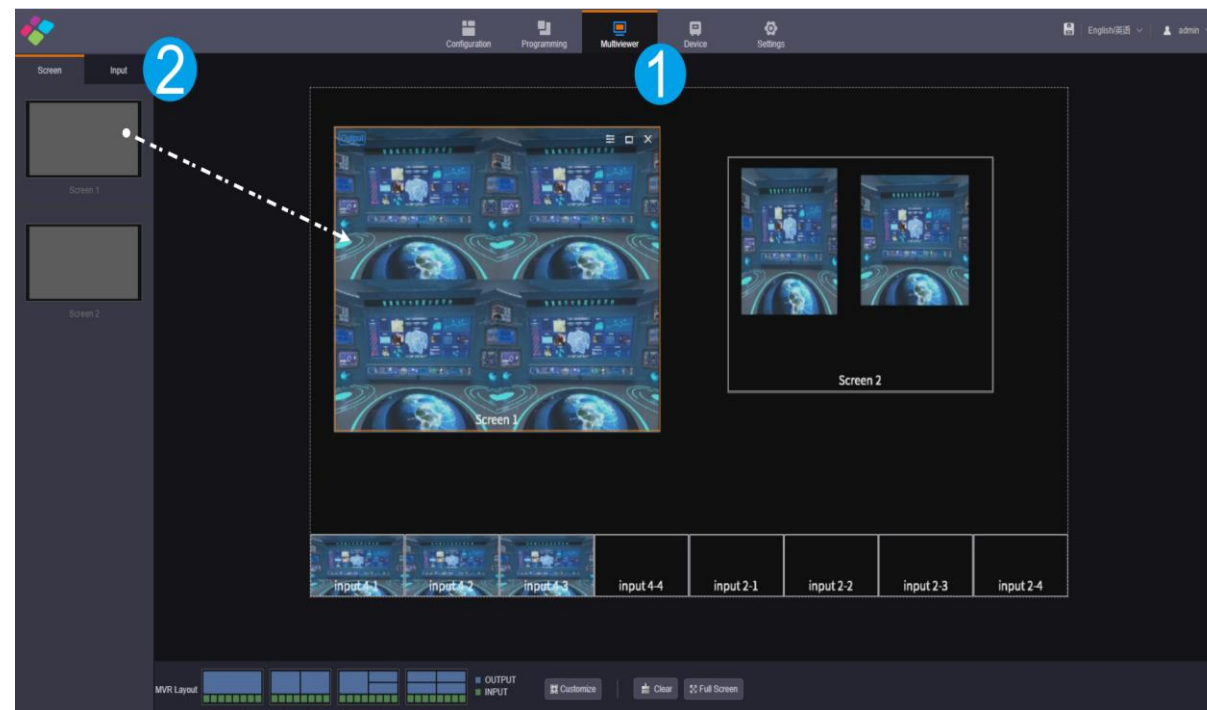


Step 9 / Device

View the device connection status and monitor the device running status.

Diagnose the device by using the self-test function to quickly locate the device problems.

- Green connector: The connector is connected.
White connector: The connector is not connected, or the connected device fails.
Gray connector: The connector is unavailable.
- Click the drop-down arrow next to the fan icon to view the statuses of all fans.
- Click **Self-Test** to quickly detect and locate the device problems, and then send the test result to EZ LED Visual technical support engineers for fixing the problems.



Step 10 / Settings

Manage the input and output resolutions, IPC, users, backup, communication, reset and other settings.

Setting Input and Output Resolutions

1. Click EDID Management on the left to enter the input and output EDID settings page.
2. Click the **Input** or **Output** tab, and then select one or multiple input or output connectors.
3. Set the EDID parameters on the right.
4. Click **Apply** to make the settings take effect.

Notes

- Setting the EDID for multiple input or output connectors simultaneously is only applicable to the connectors of the same type.
- After the settings, you can export the configuration file for future use if necessary.

