

# **V016 Operation and configuration instructions**

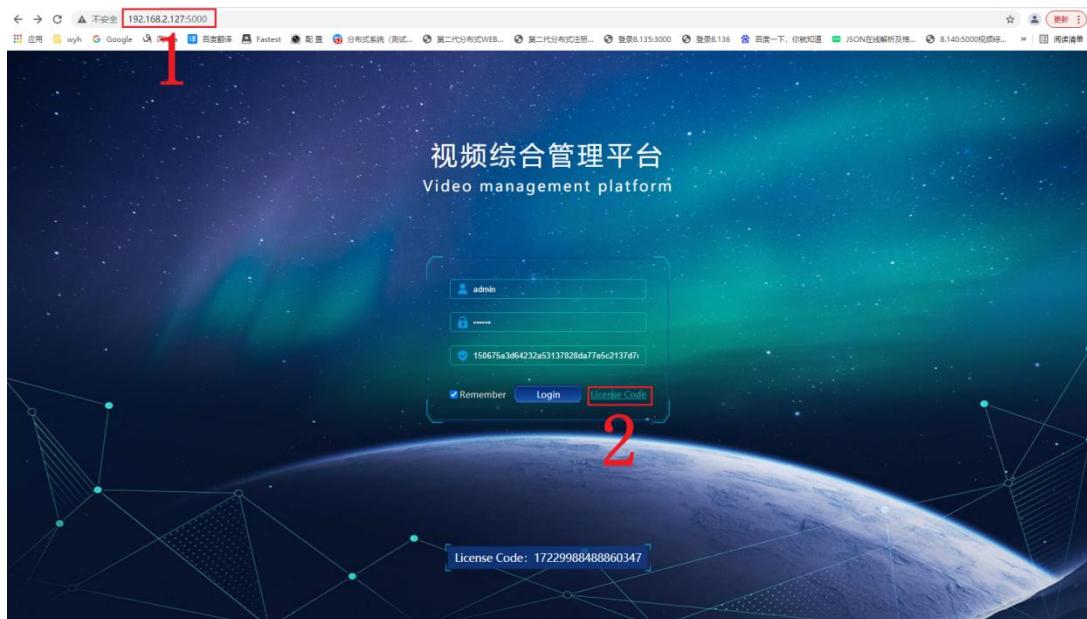
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# I. Instructions for the use of functional modules

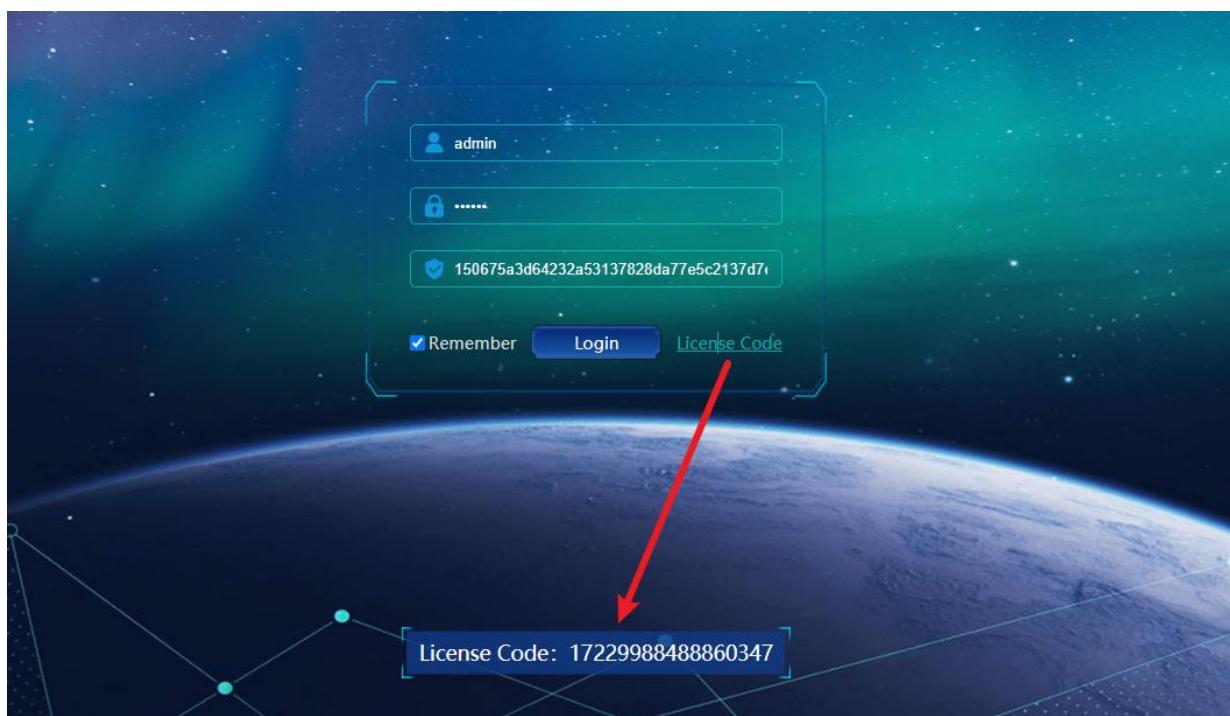
## 1.1 System login and registration

Sample label diagram:



1: The web page address is IP + :5000, and IP is the board IP.

2: The device is registered by default when it leaves the factory, and the verification code is not empty. If the verification code is empty when you login after receiving the device, you can click the "**device registration**" button, and the registration form that appears can be sent to the after-sales technology, as shown below.



The default login user name and password is admin 888888

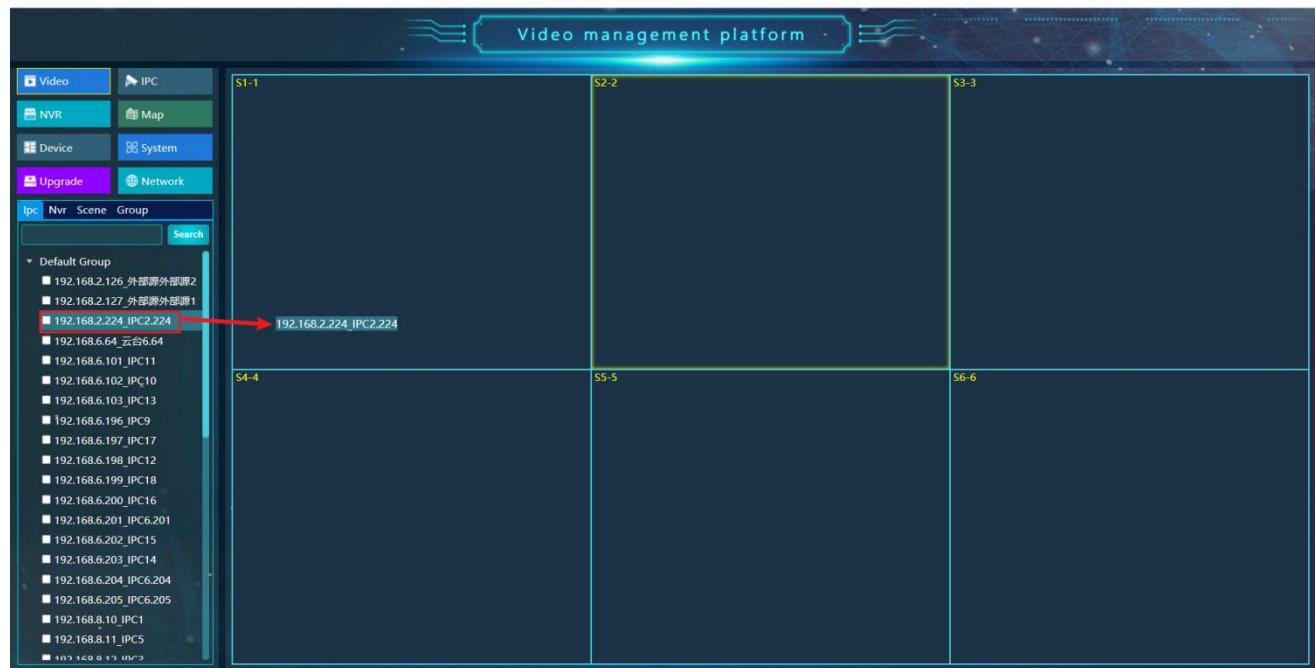
After the login page, you can change it in "**User Management**" in "**System Configuration**".

## 1.2 Video Management

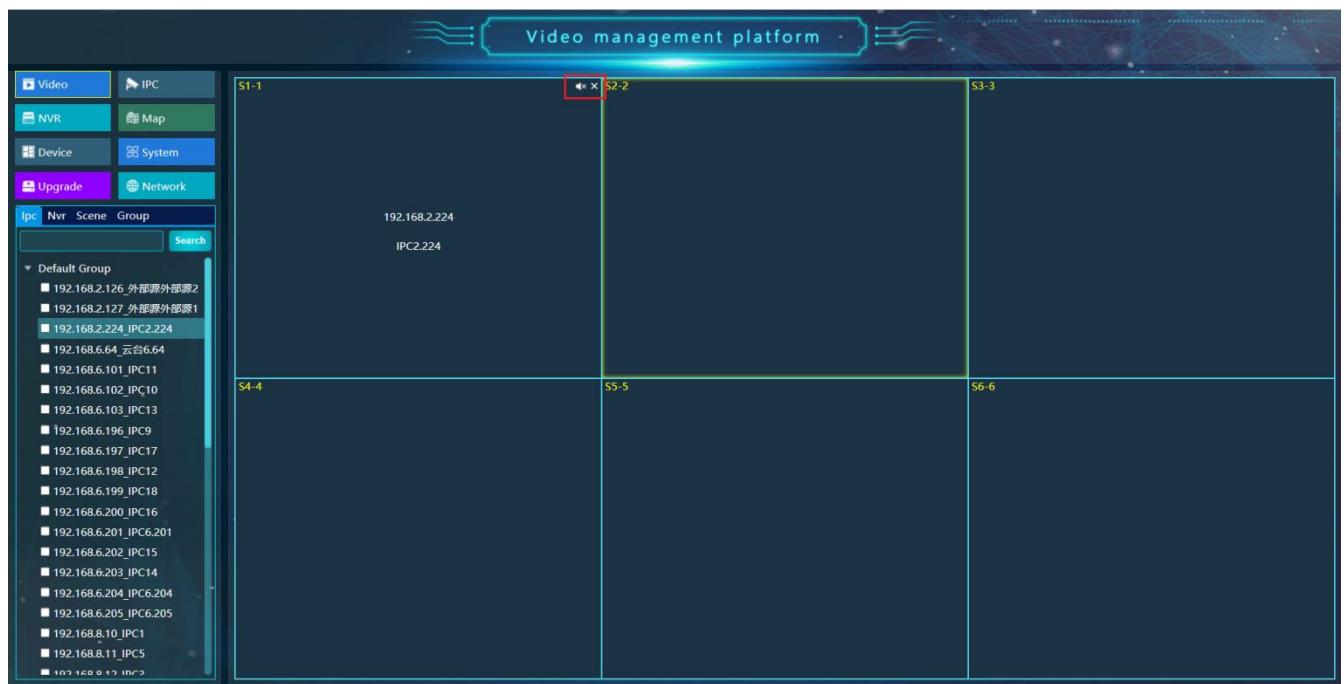
Video Management page:



Click "IPC" or "NVR" to drag the monitoring IP or video recorder in the list into the right curtain wall. (See 1.12 and 1.3 for NVR and monitoring point configuration.

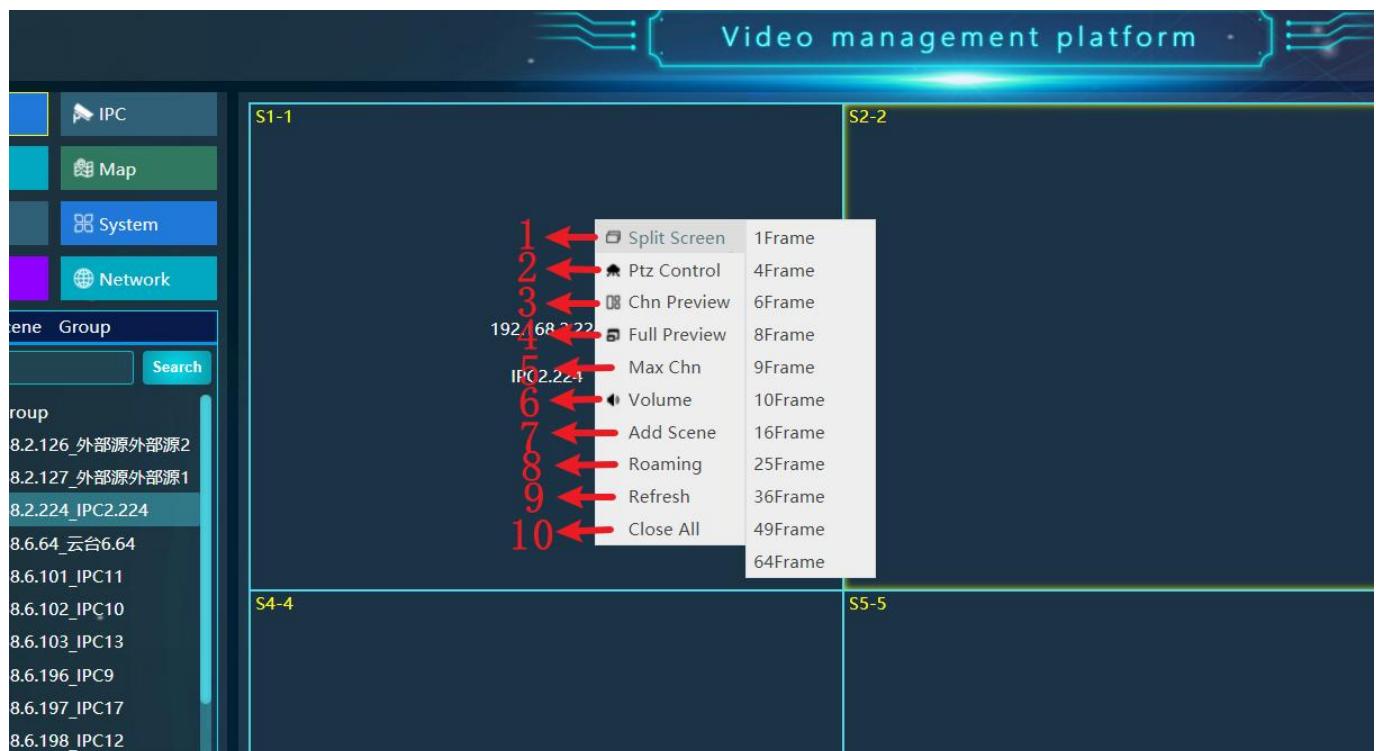


The upper right corner of the channel can turn on the sound and turn off the input source in the channel.



### 1.2.1 Right mouse button function menu

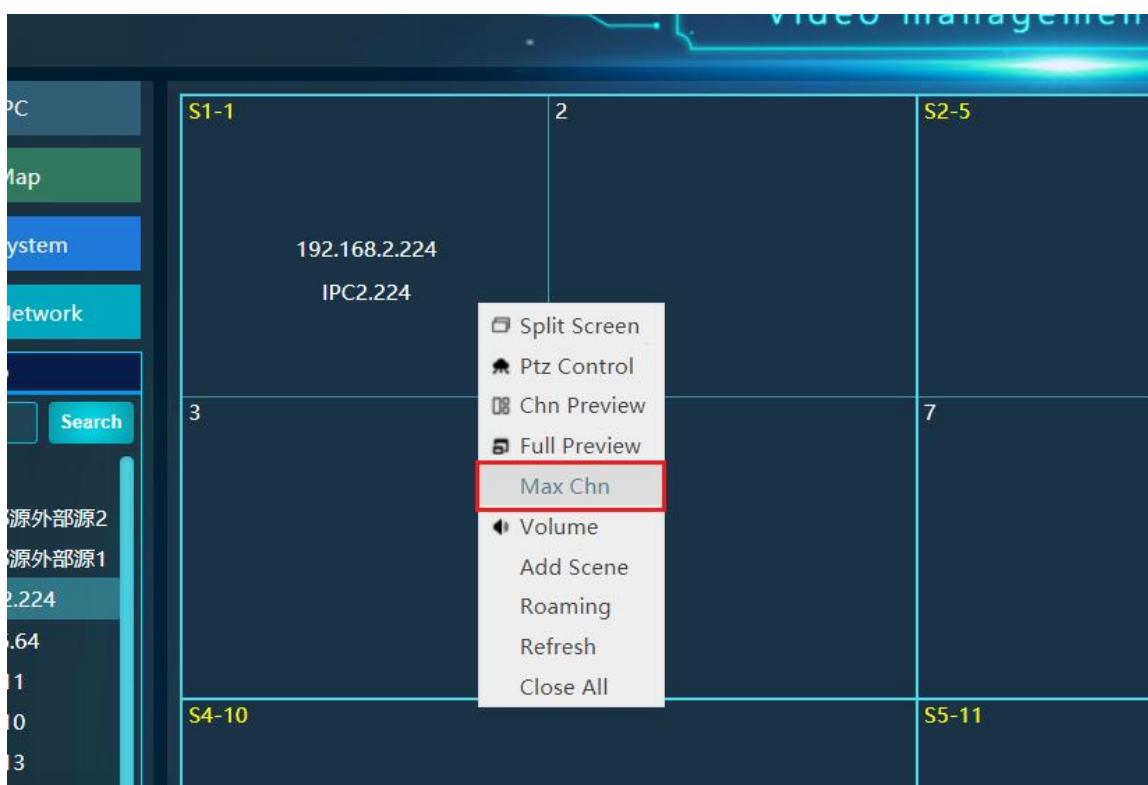
Menu button label diagram:



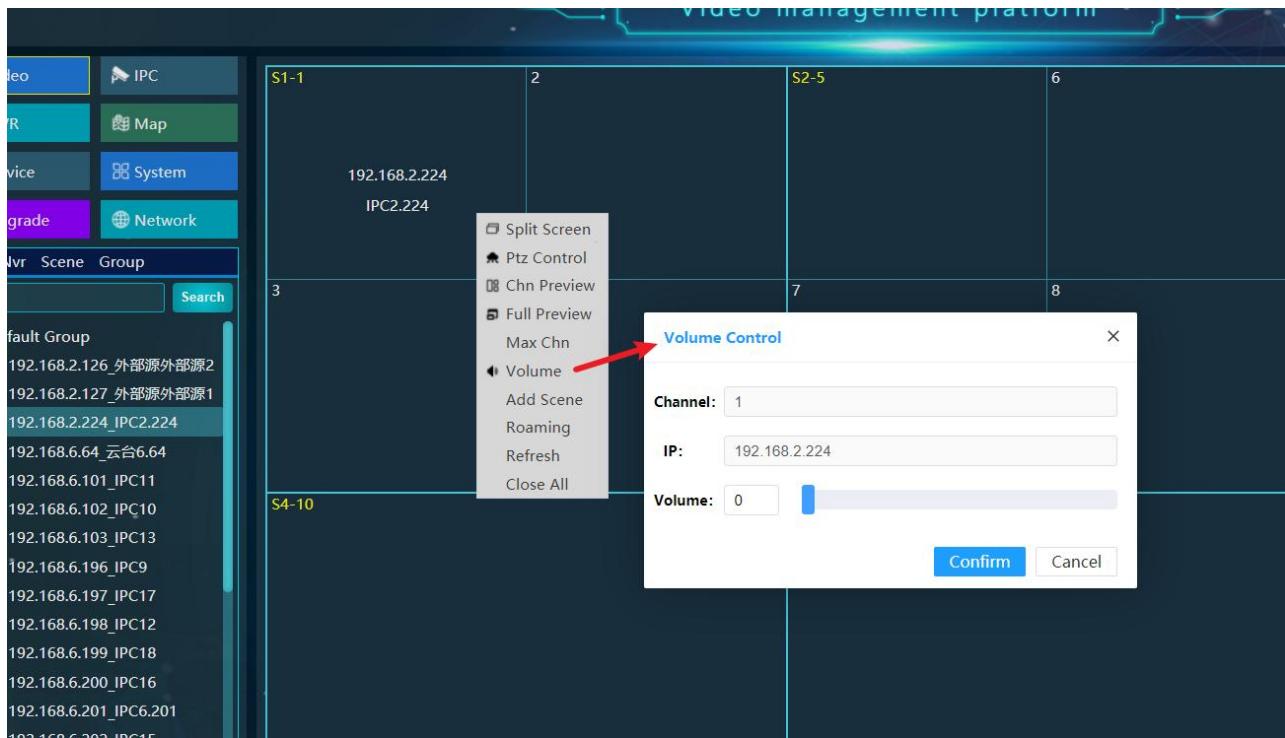
1. Click "Split Screen" to select the screen number to divide the single output of the board into 1, 4 and 9 channels, and change it into 1, 4 and 9 channels.
2. Click "Ptz Control" to pop up the direction key and preset button, which can control the ball machine, and the non-ball machine camera cannot be controlled.
3. Click "Channel Preview" to echo the real-time picture of the signal source in the channel. (As shown below) A plug-in is required for this function.



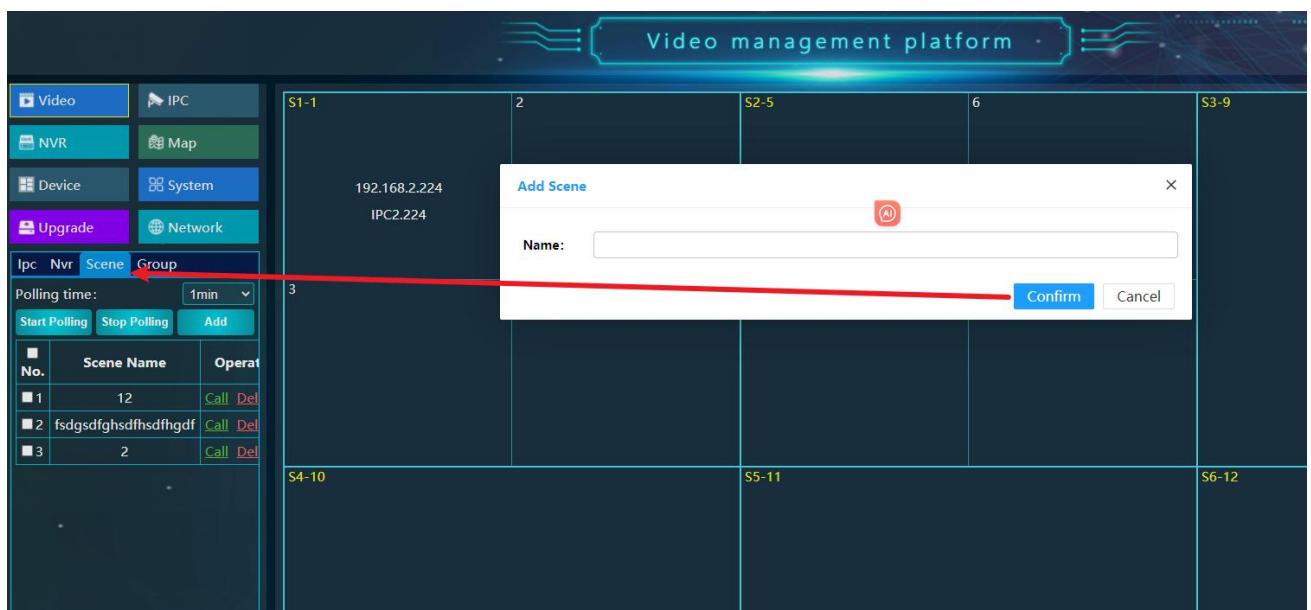
4. Click "Full Preview" to full screen echo.
5. Click "Max Channel" to restore the segmentation to 1. The segmentation occupies the whole channel.



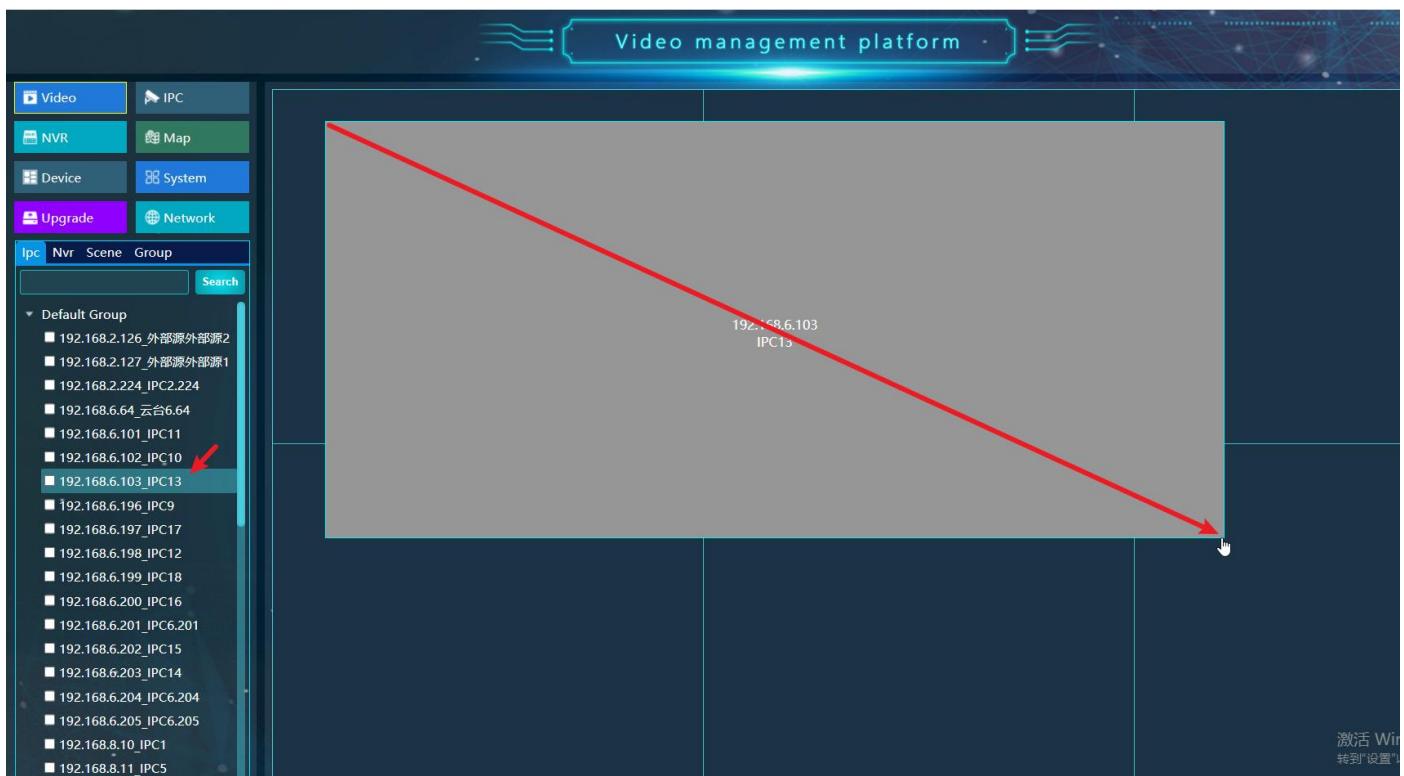
6. Click "Volume" to pop up the volume adjustment button to adjust the volume of the current IP input source.



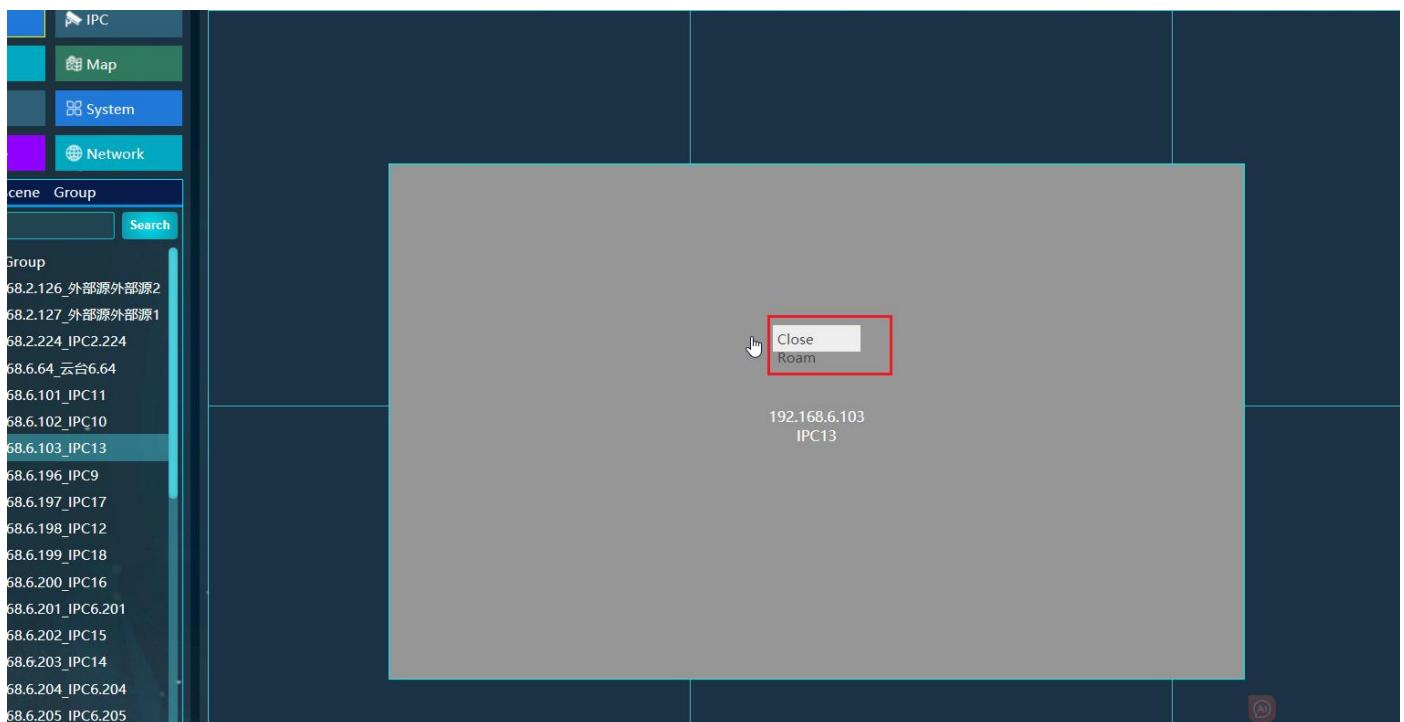
7. Click "Add Scene" and a naming box will pop up. Click "Confirm" to save the channel layout and input source distribution of the current page.

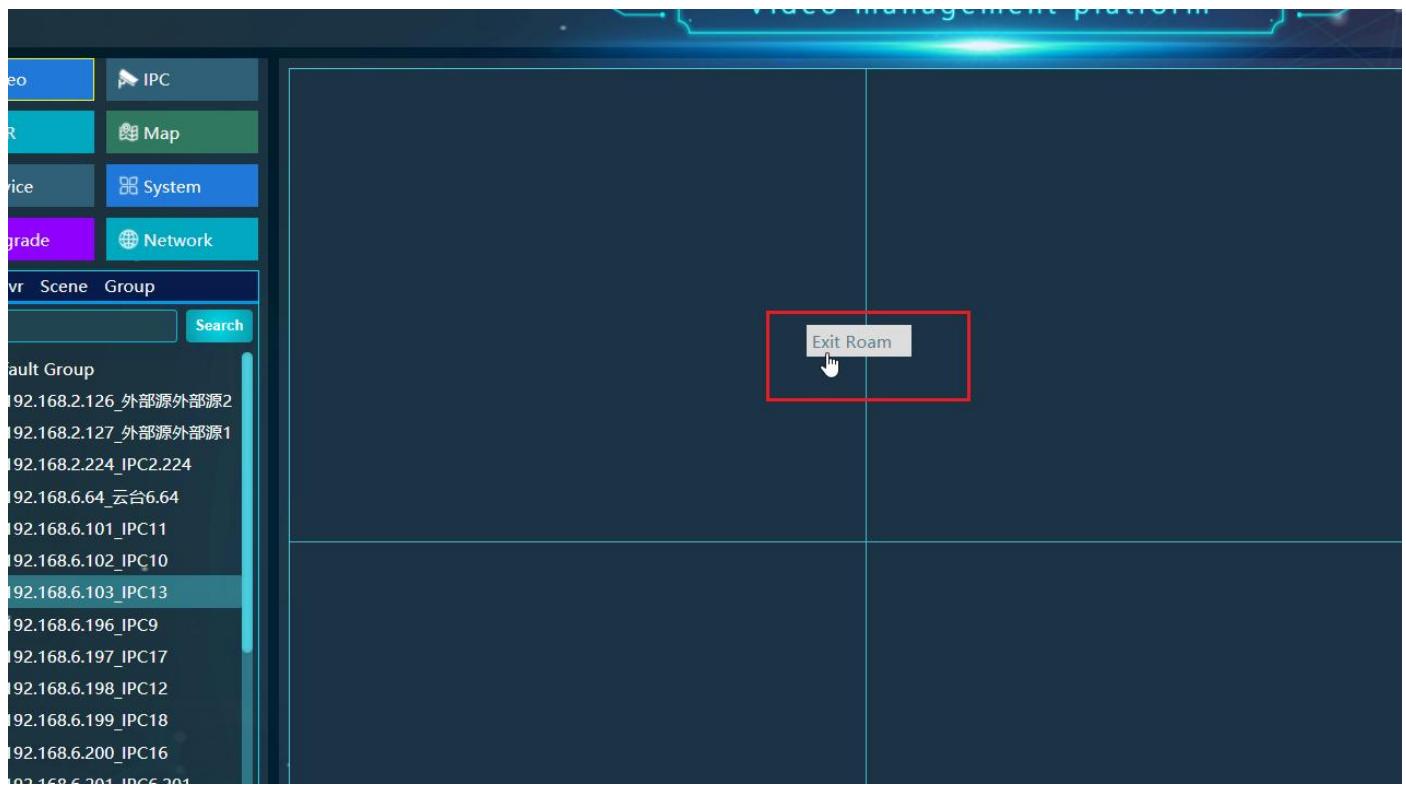


8. Before clicking "Roaming", you need to select an input source in the left "IPC" list. After selecting it, right-click "Roaming" in the channel will display an empty channel, and the large screen will not be affected at this time. The large screen will display the signal source of the current IP in the corresponding position.



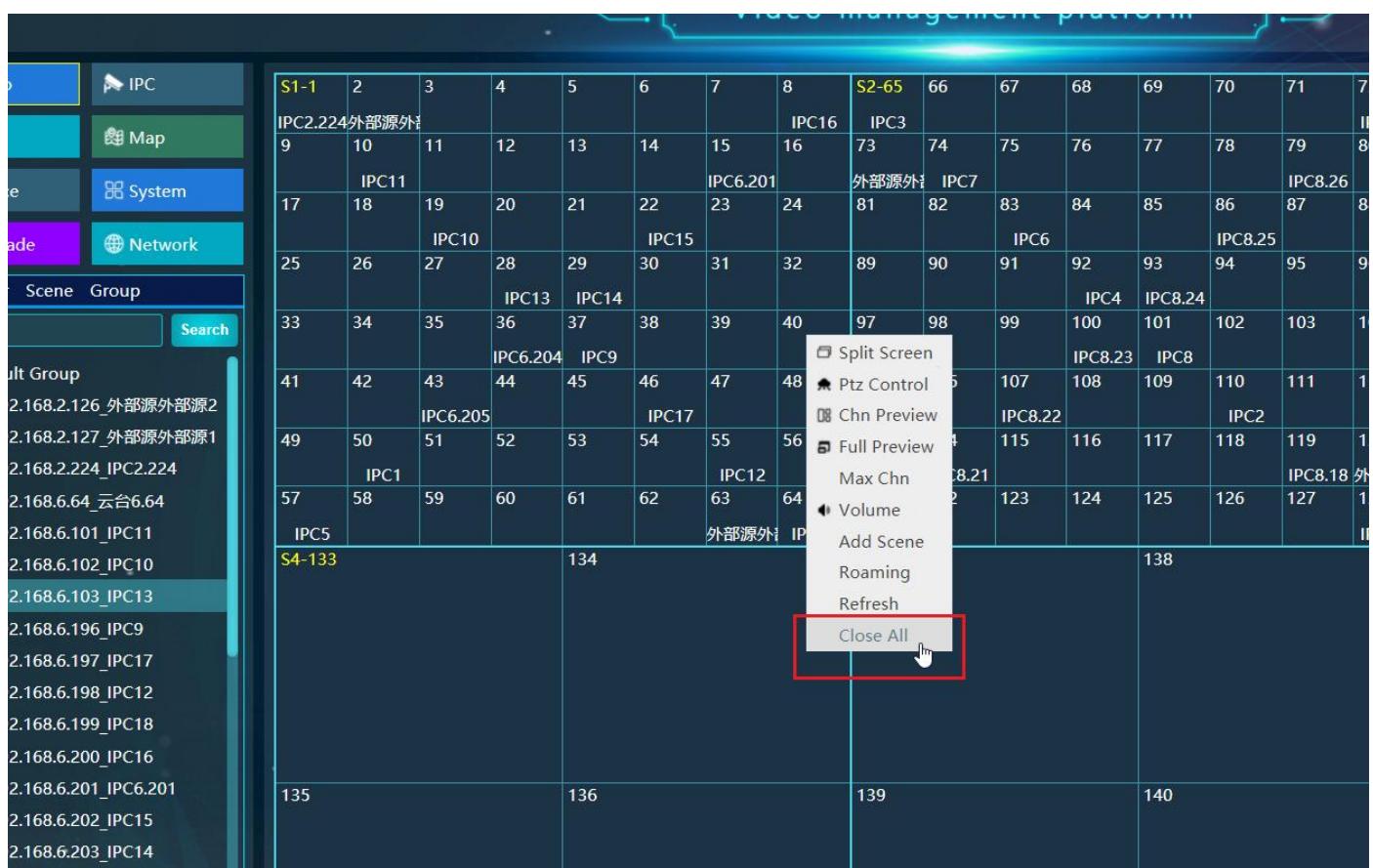
Click the right button of the mouse to close the current window, click the right button again to exit the roaming back to the previous division and layout.





9. Click "Refresh" to refresh the channel.

10. Click "Close All" to close the input sources in all channels, the channel segmentation state in the output outlet is unchanged, and the large screen is empty.



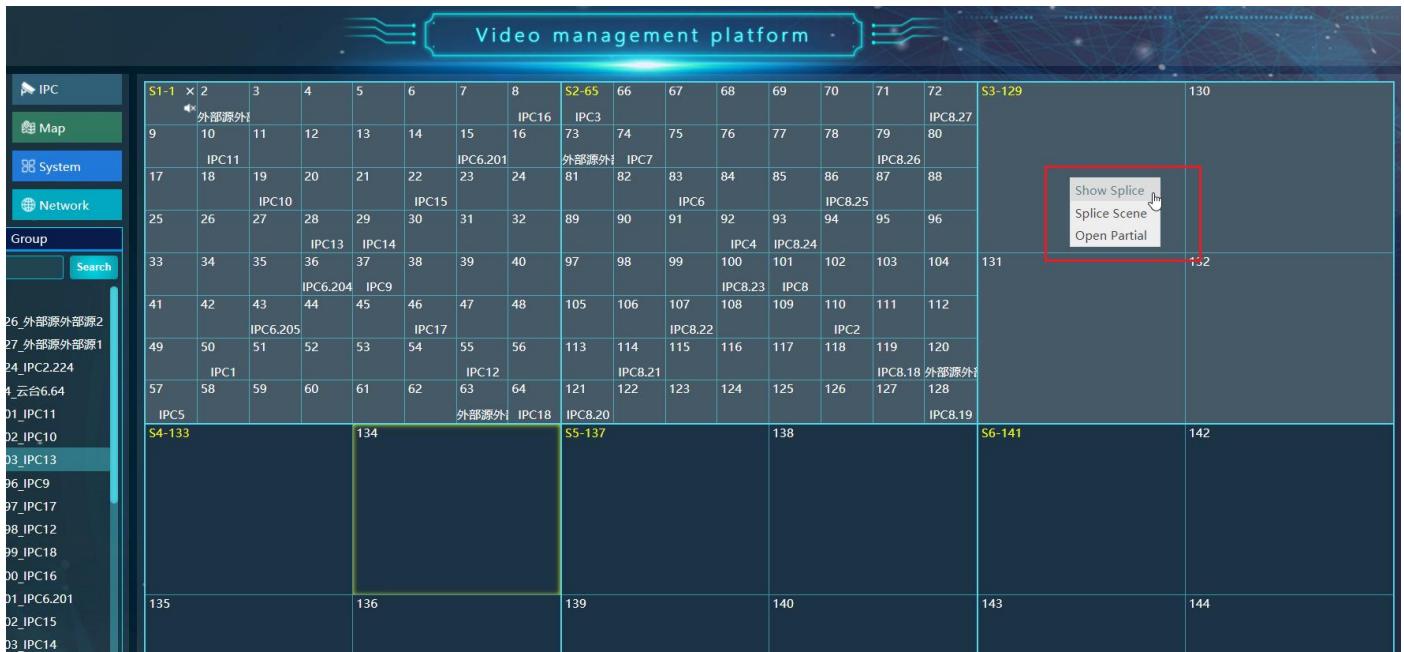
## 1.2.2 Channel splicing

After selecting the channel with the left mouse button, the channel will be grayed out. The grayed channel can be displayed with the right mouse button "stitching display".

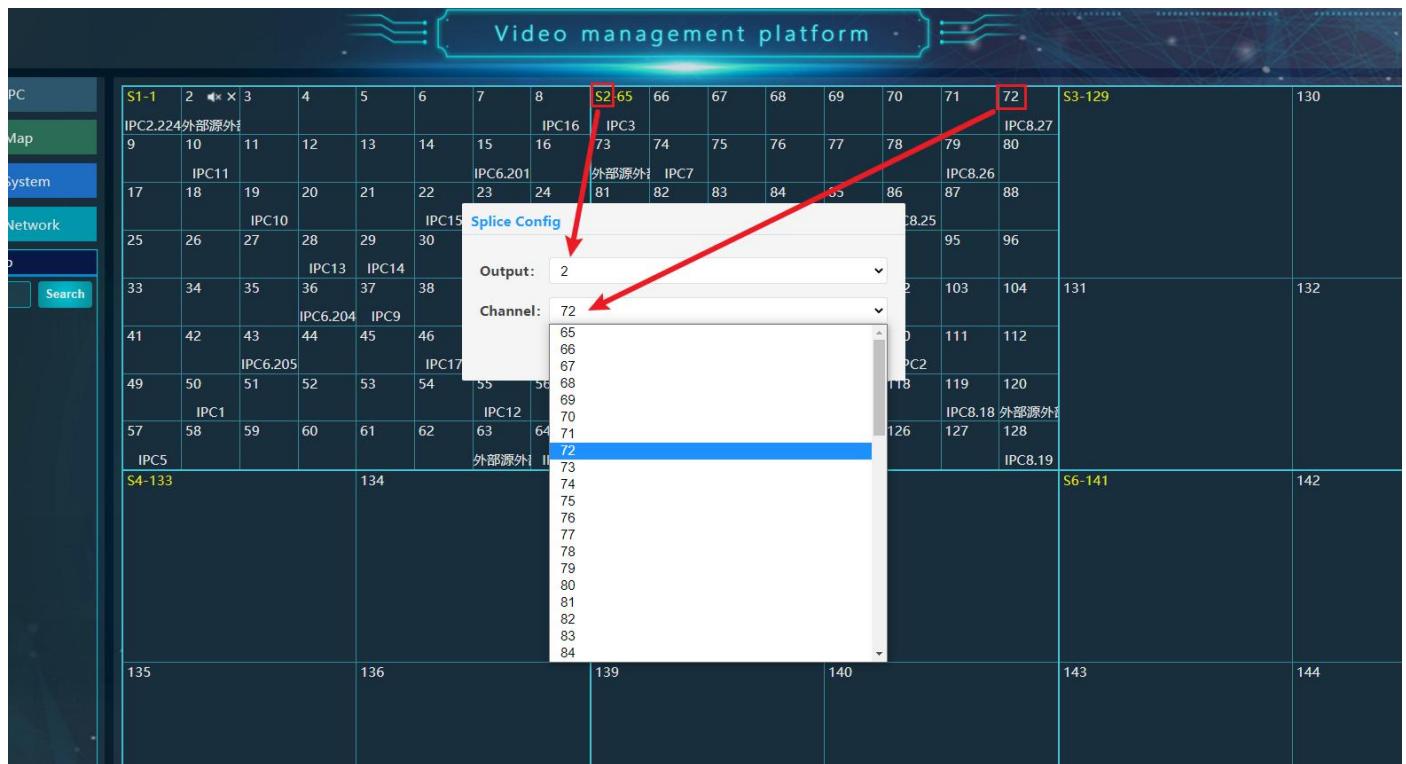
Left mouse button box selection (at least two channels -  $s1 \backslash s2 \backslash s3$ ).



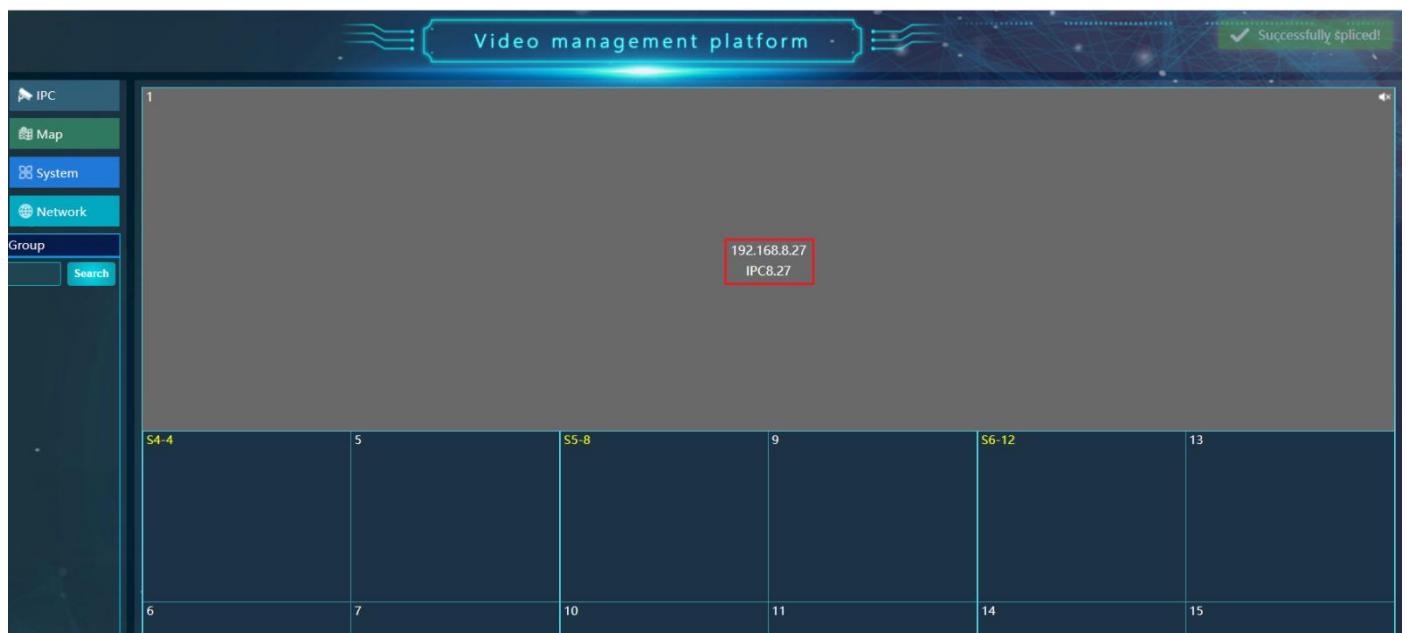
Right mouse button to splice.



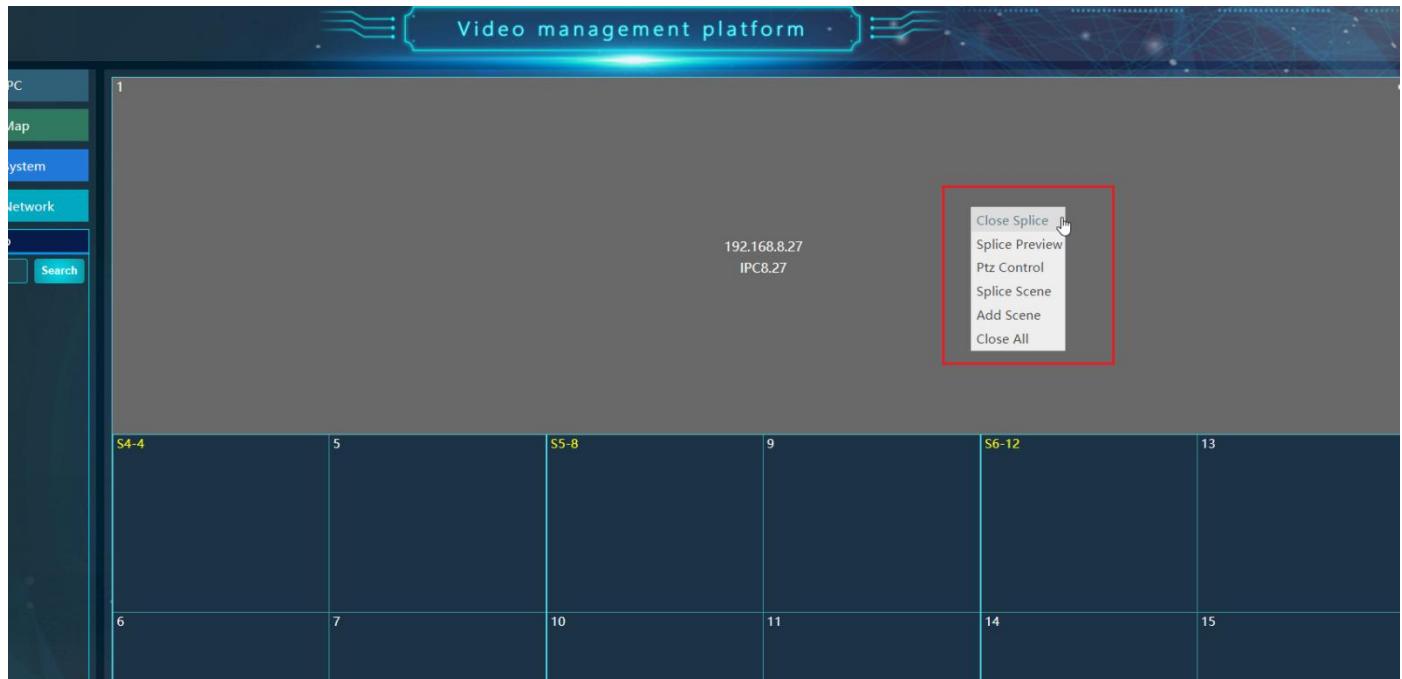
Select the input source that you want to display.



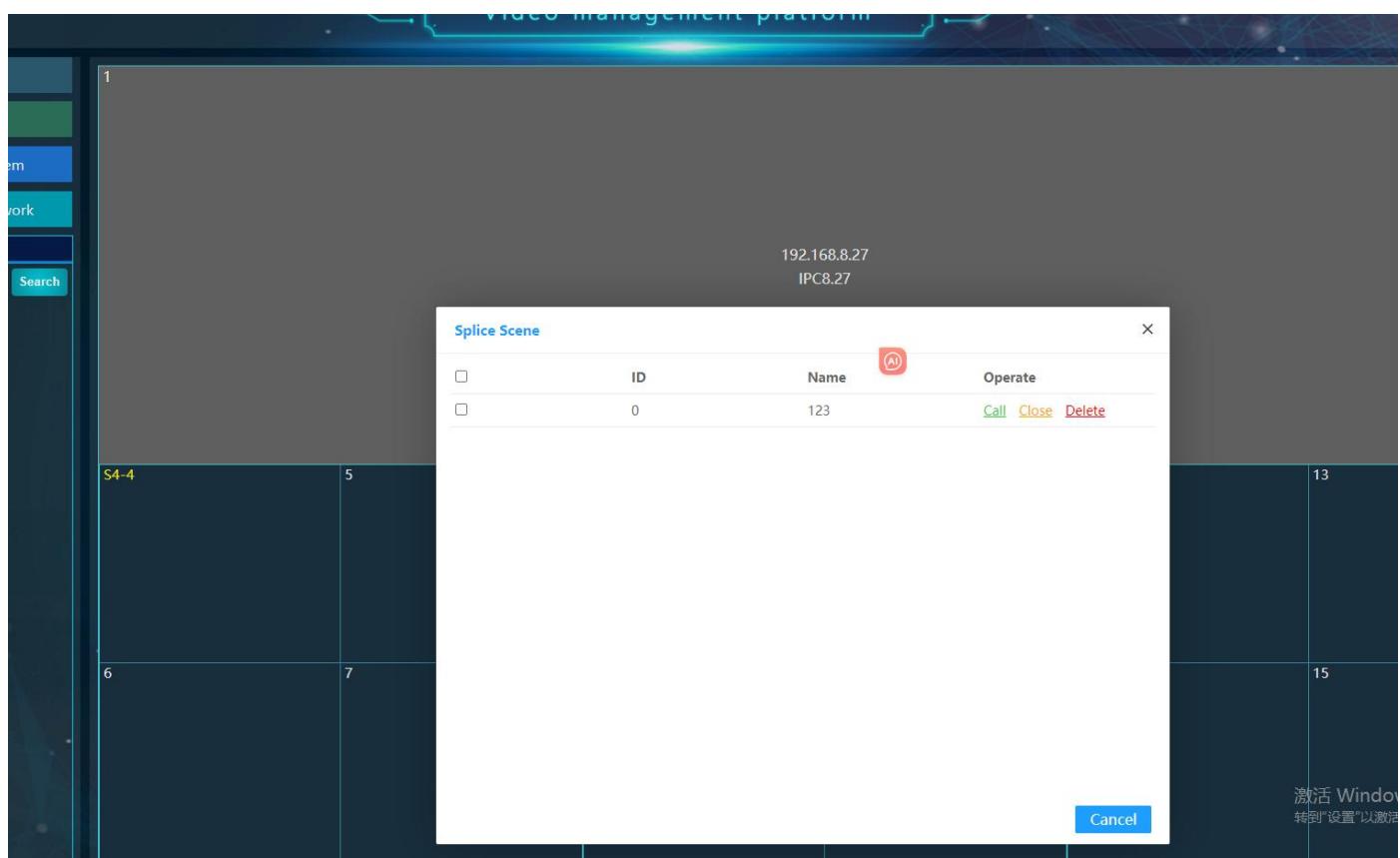
After clicking confirm, the range of box selection will show the IP source within the channel just selected.



Right click within the splicing range to call out the splicing function drop-down list.



Click "Add Scene" to save this splicing plan, and click "Splice Scene" to view the saved splicing style.



# 1.3 Monitoring and Management

Monitoring and Management page:

The screenshot shows the 'Video management platform' interface. On the left, there is a sidebar with icons for Video, IPC, NVR, Map, Device, Upgrade, and Network. Below this is a list of monitoring points under 'Default Group' with their IP addresses. The main area is a table titled 'Video management platform' with columns: No., IPC-ID, Name, IP, Username, and Password. The table contains 19 rows of camera information. On the right, there is a search interface with fields for Username (admin), Password (admin12345), and a 'Search' button. Below the search is a table with columns: No., IP, and Device. It shows three entries: 1 (IP null, Device HIKVISION), 2 (IP 192.168.2.125, Device HIKVISION), and 3 (IP 192.168.2.183, Device HIKVISION). At the bottom right, there is a message: '激活 Windows 转到“设置”以激活 Windows.'.

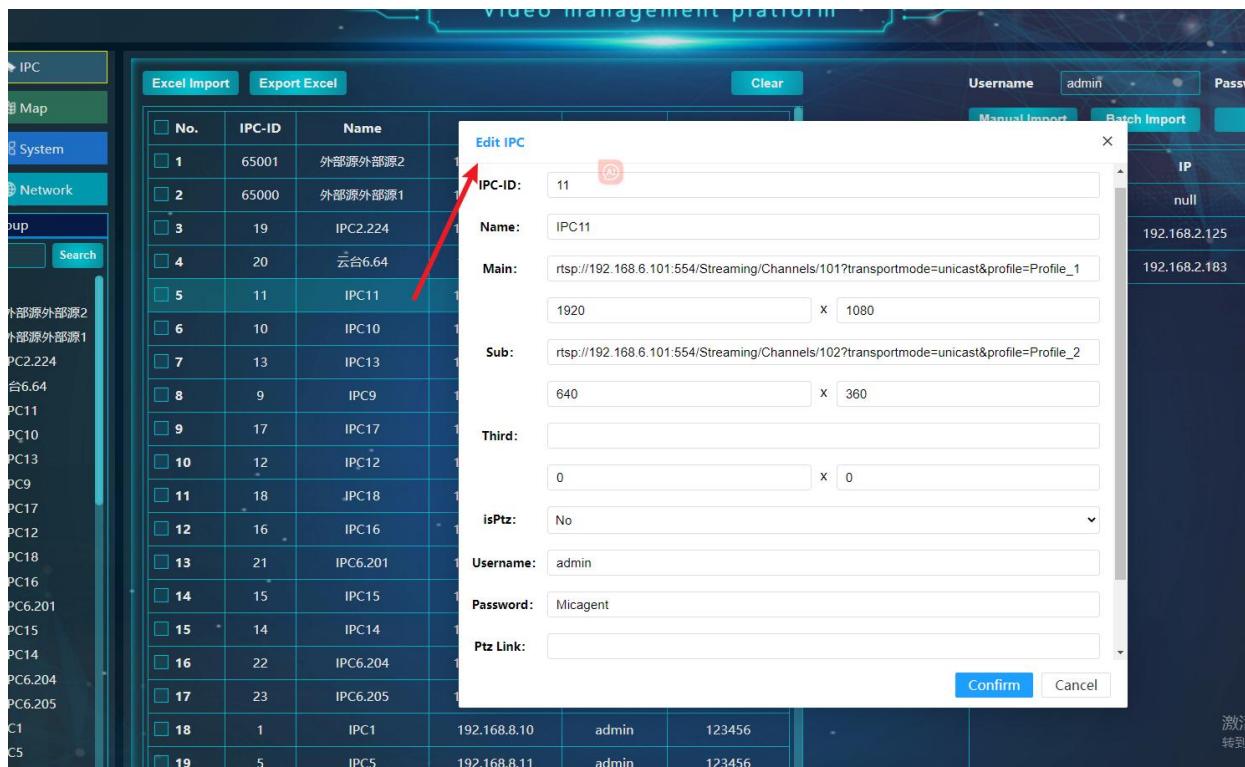
Step 1 Click the "Search" button on the right side of the page, and the search result is the camera information that has not been added.

Step 2 Set the camera's own username and password on the top.

Step 3 Check the camera that needs to be added (the camera checked should correspond to the user name and password, if the password of the camera itself is not consistent with the above preset, the screen cannot be displayed).

Step 4 Click "Enter" to add the selected camera to the left list, refresh the page, click the monitoring point on the left to display the list of added cameras.

Double-click the input source in the list to change the relevant configuration.

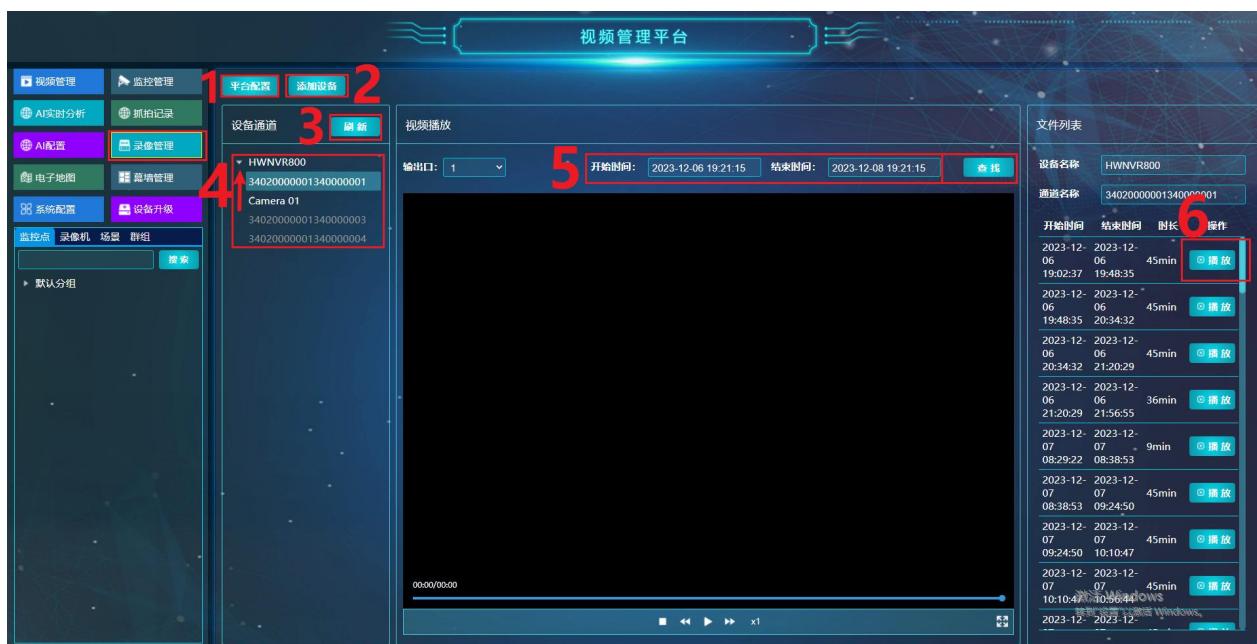


When you have the original exported monitoring point Excel sheet, you can directly click "Excel Import" to pop up the file selection box and select the Excel file with monitoring data.

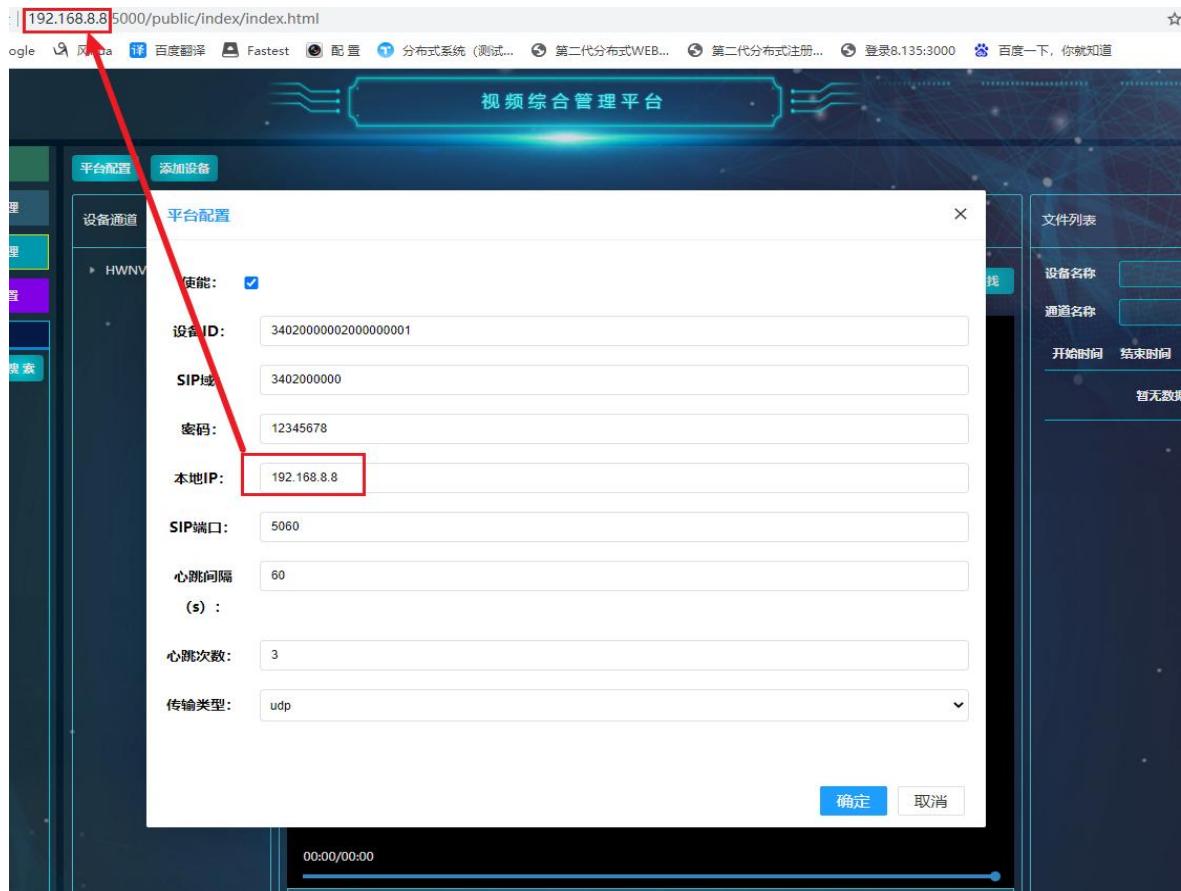
## 1.4 Video Management

This function can only be added in line with the Chinese national standard video recorders

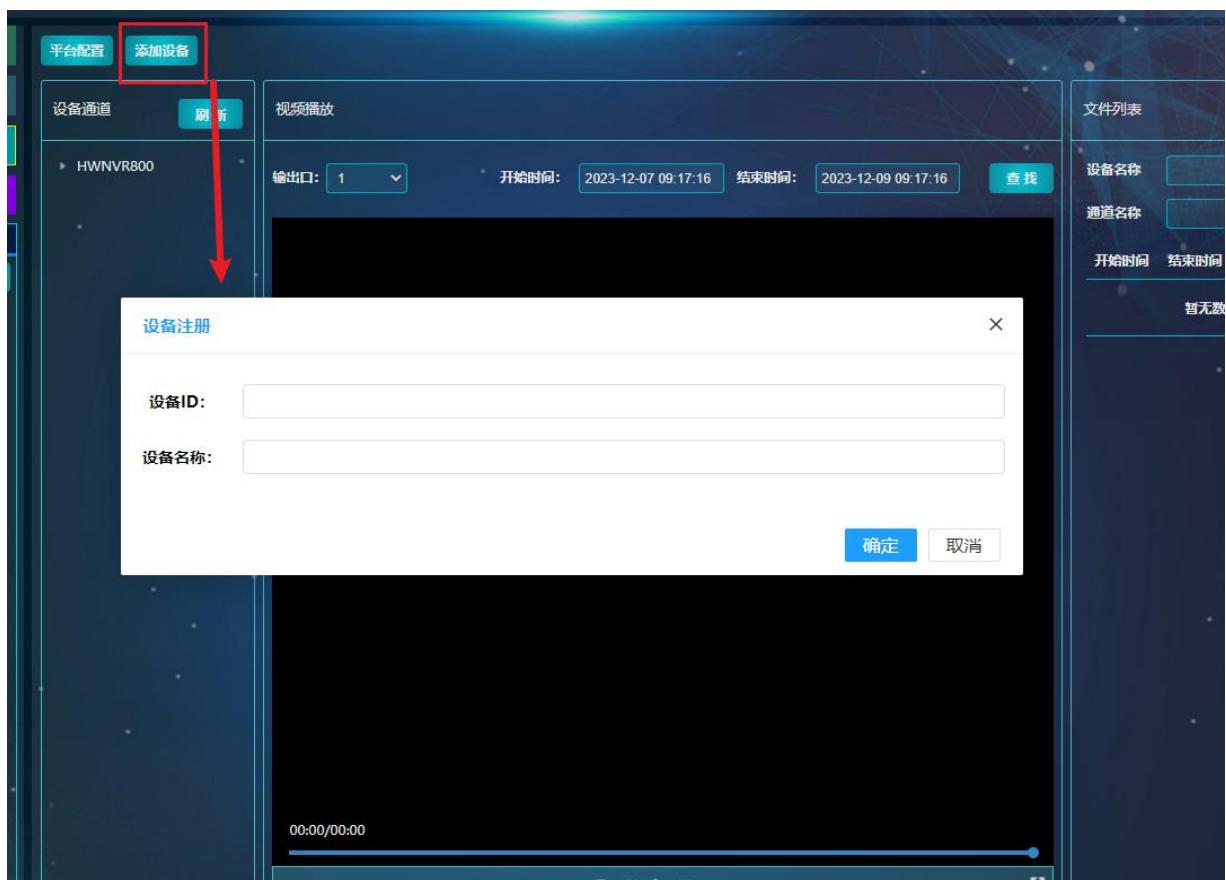
Functions and steps:



Step 1: Click "Platform configuration", the default configuration of the device factory is basically unchanged, just change the local IP to the IP address of the web page login.



Step 2: Click "Add device".



The device ID is the 20-digit SIP user authentication ID set in the NVR or the device number. (Label 1 in Figure 1 and Figure 2 below)

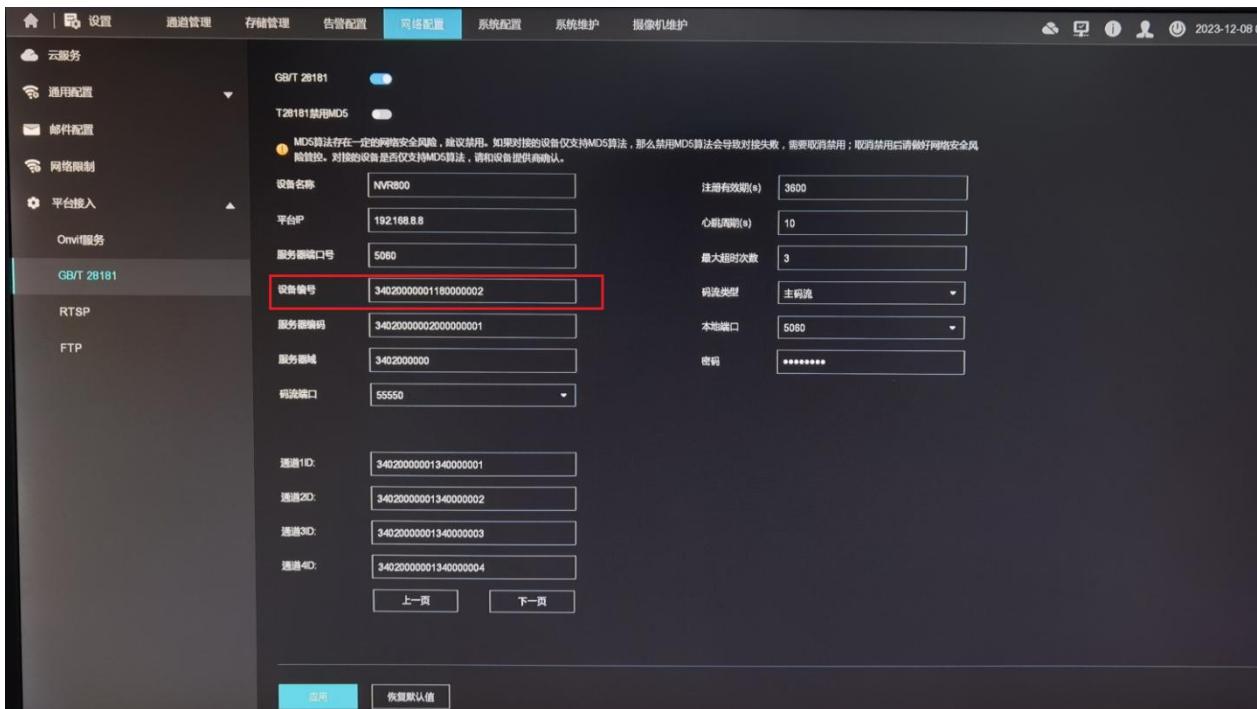


Figure 1

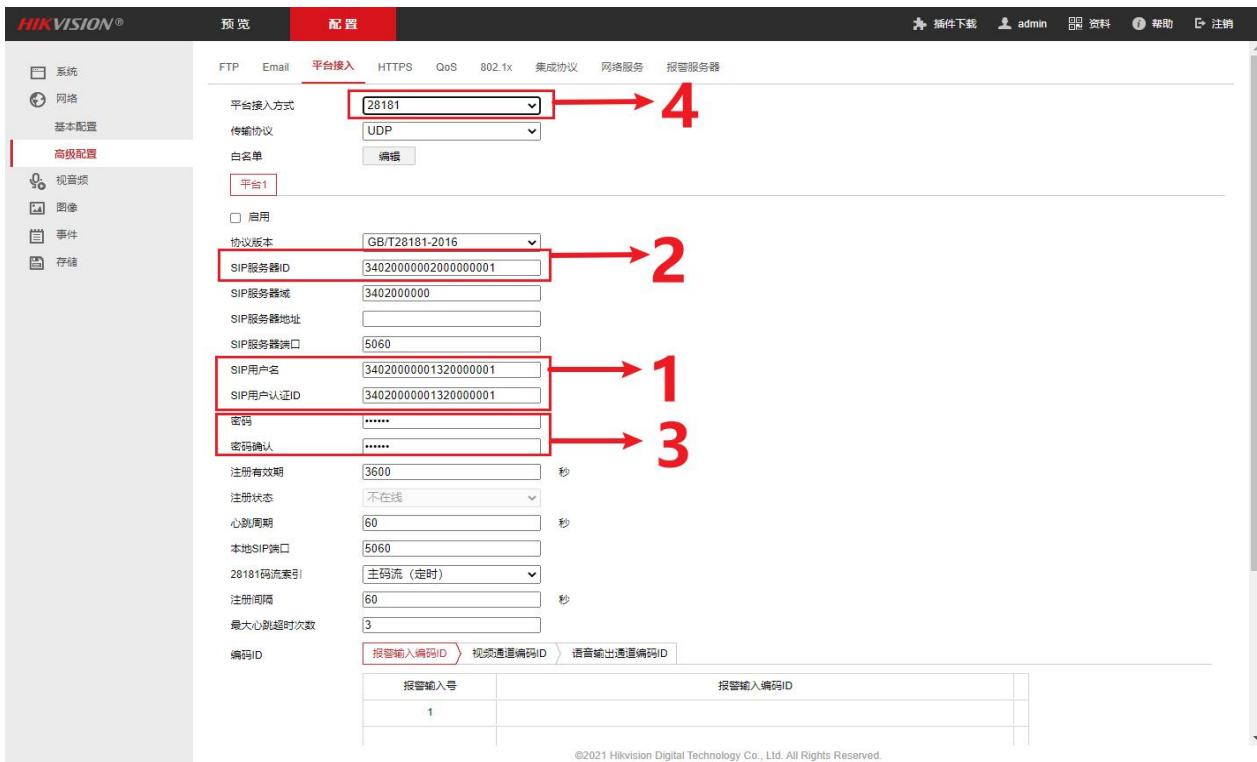


Figure 2

In general, the platform access method should be GB28181 (label 4 in Figure 2). Label 2 in Figure 2: SIP server ID should be consistent with "device ID" in "Platform Configuration" of label 2 in Figure 3, and the password of video recorder should be consistent with the password in "Platform Configuration". (Label 3 in Figure 2 and label 3 in Figure 3)

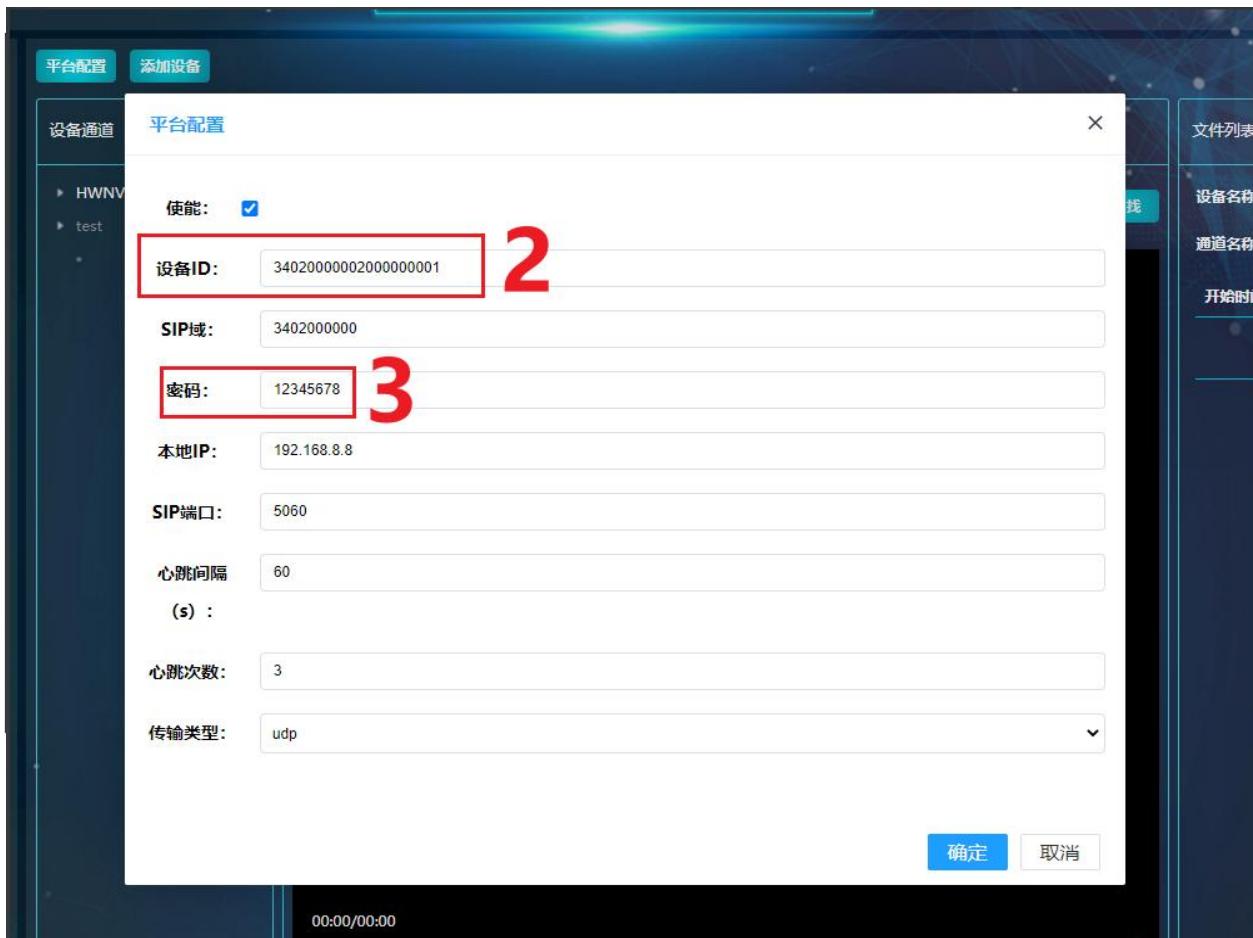


Figure 3



Step 3: Observe whether the NVR is white highlighted in the box of Step 4 after clicking Refresh.

Step 4: Click the triangle button selected in the box to bring up the list of NVR and select the camera channel with white highlighted.

Step 5: Select lookup time Click "Find".

Step 6: Select the corresponding time in the right search bar and click "Play".

## 1.5 Digital Map

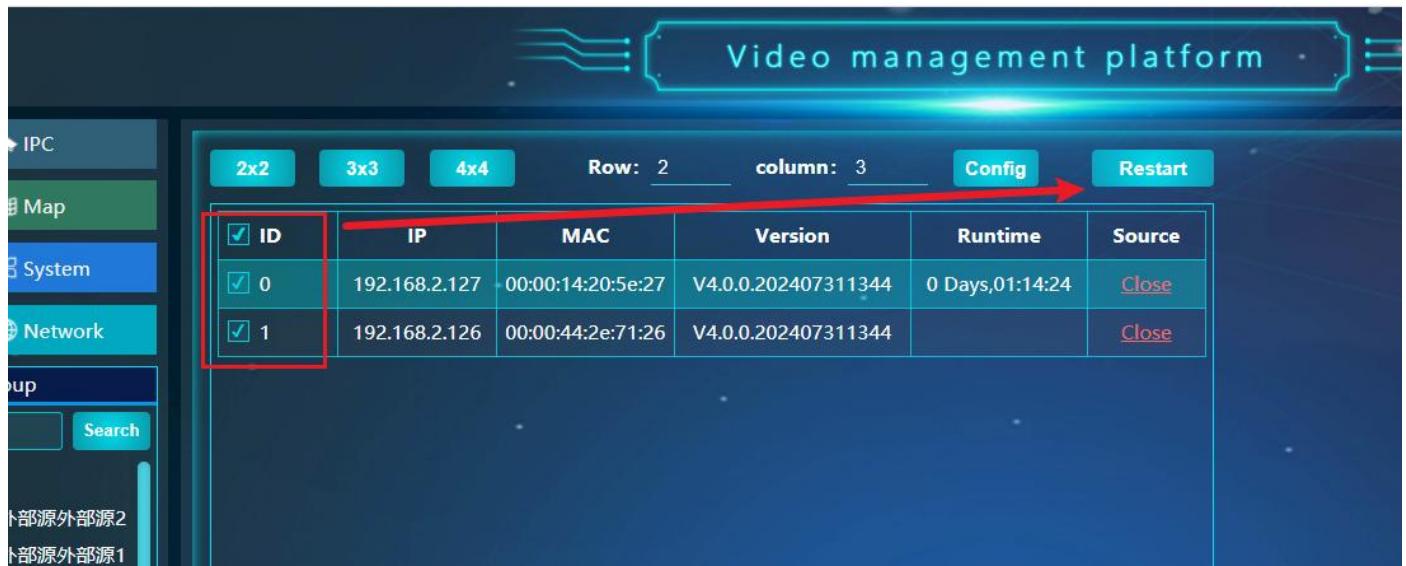
This feature is temporarily unavailable outside of China

## 1.6 Curtain wall management



After clicking the preset number above or setting the number of rows and columns, click "Config", and the channel layout of the video management page will change accordingly.

Select the check box in the IP list of the board below and click "Restart" to restart the selected board.



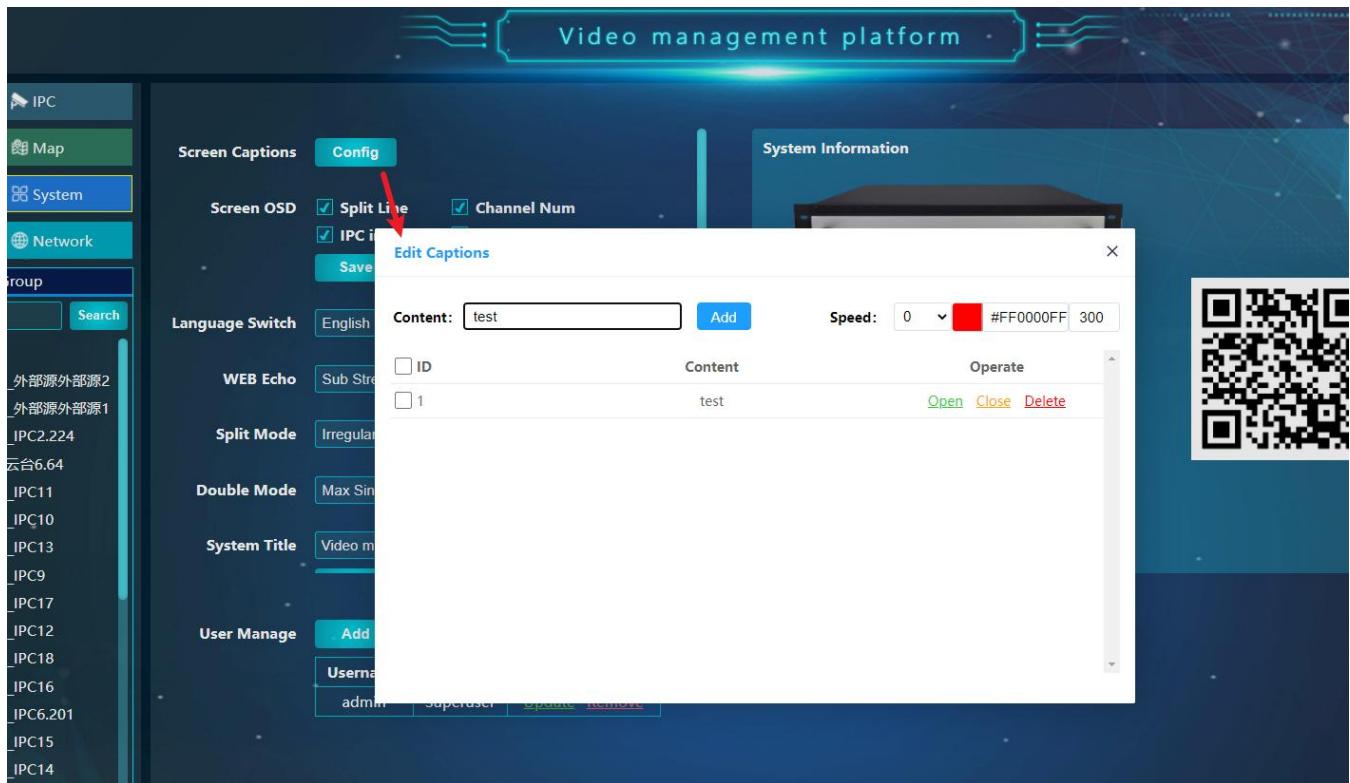
Double-click the card and the card information edit box will pop up (modify with caution).

The screenshot shows a list of devices in a table with columns: ID, IP, MAC, Version, Runtime, and Source. The first device (ID 0) is selected, and a red box highlights the entire row. An 'Edit Device' dialog box is overlaid on the list, containing fields for ID, Resolution, FPS, IP, Mask, Gateway, and MAC. The 'ID' field is set to 0. The 'Resolution' field is set to 1920\*1080. The 'FPS' field is set to 60. The 'IP' field is set to 192.168.2.127. The 'Mask' field is set to 255.255.255.0. The 'Gateway' field is set to 192.168.2.1. The 'MAC' field is set to 00:00:14:20:5e:27. At the bottom of the dialog are 'Confirm' and 'Cancel' buttons.

## 1.7 System Configuration

The screenshot shows the 'Config' tab selected in the 'Screen Captions' section. It includes options for Screen OSD (Split Line, Channel Num, IPC info, Device IP), Language Switch (English), WEB Echo (Sub Stream), Split Mode (Irregular Split), Double Mode (Max Single Screen), and System Title (Video management platform). In the 'User Manage' section, there is an 'Add' button and a table with columns: Username, Type, and Operate. The table has one row: admin (Superuser) with 'Update' and 'Remove' buttons. To the right, the 'System Information' panel displays the device as a Network Video Decoder, with SN: 17229988488860347 and Version: V2.6.6 Build 202408061655V0016. It also features a QR code and buttons for Time Calibration, Restore Factory, and Restore Inactive State.

Click "Config" to pop up the curtain wall subtitle edit box.

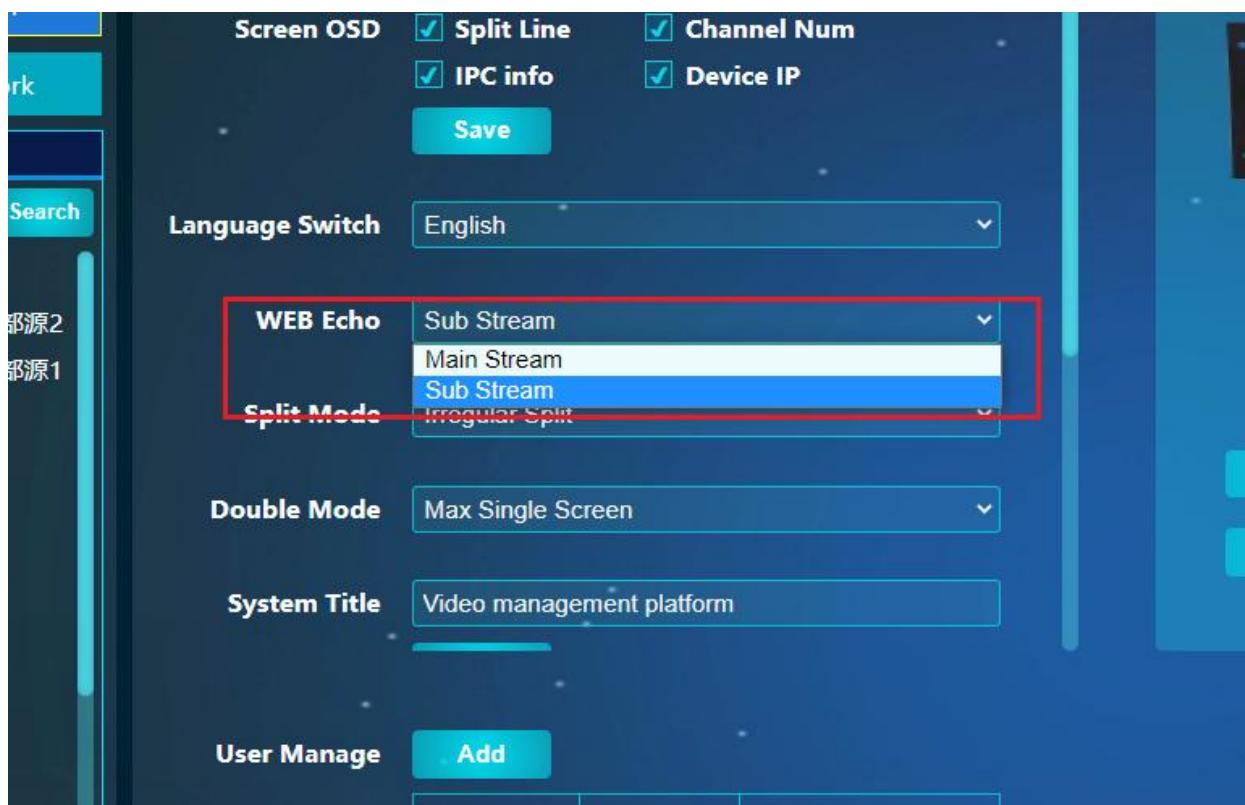


Fill in the subtitle information, click Add to join the subtitle list, select the scrolling rate and click open to go on the screen, 0 is stationary.

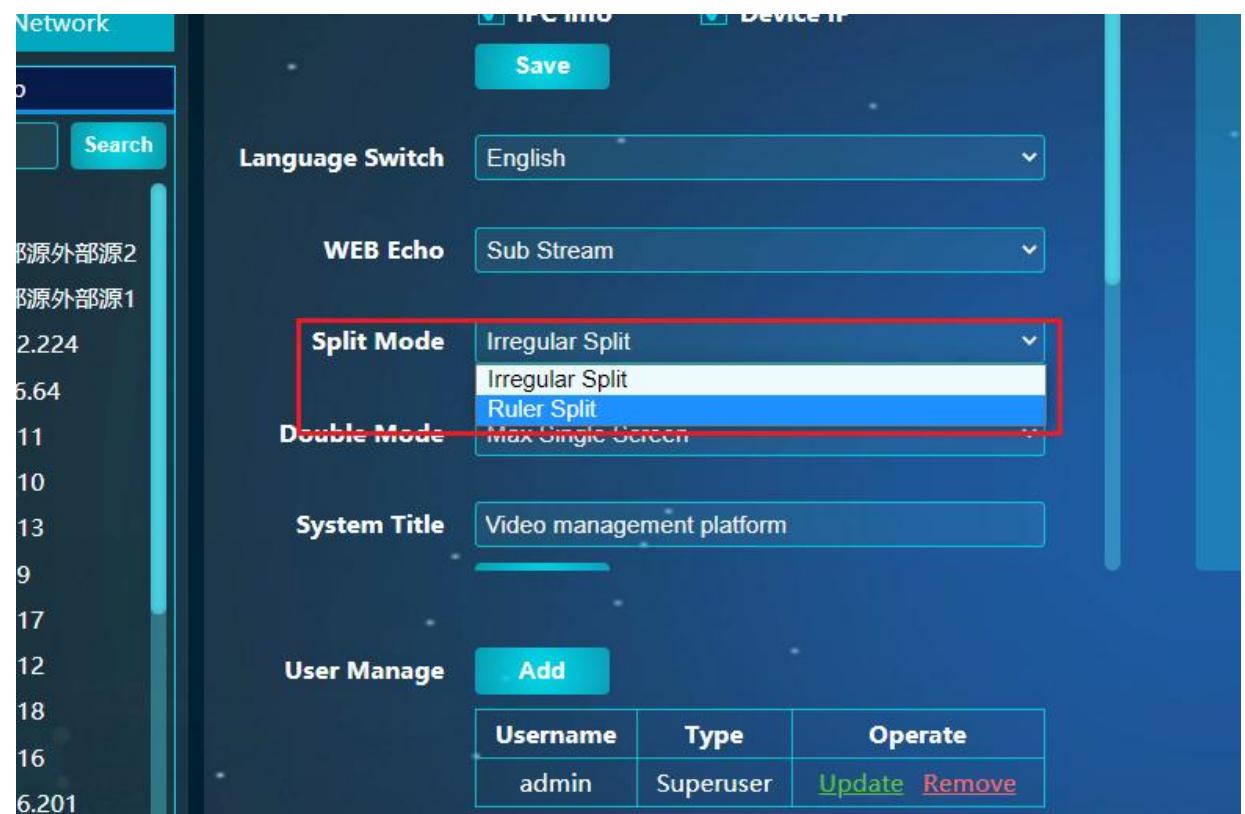
Switch between Chinese and English:



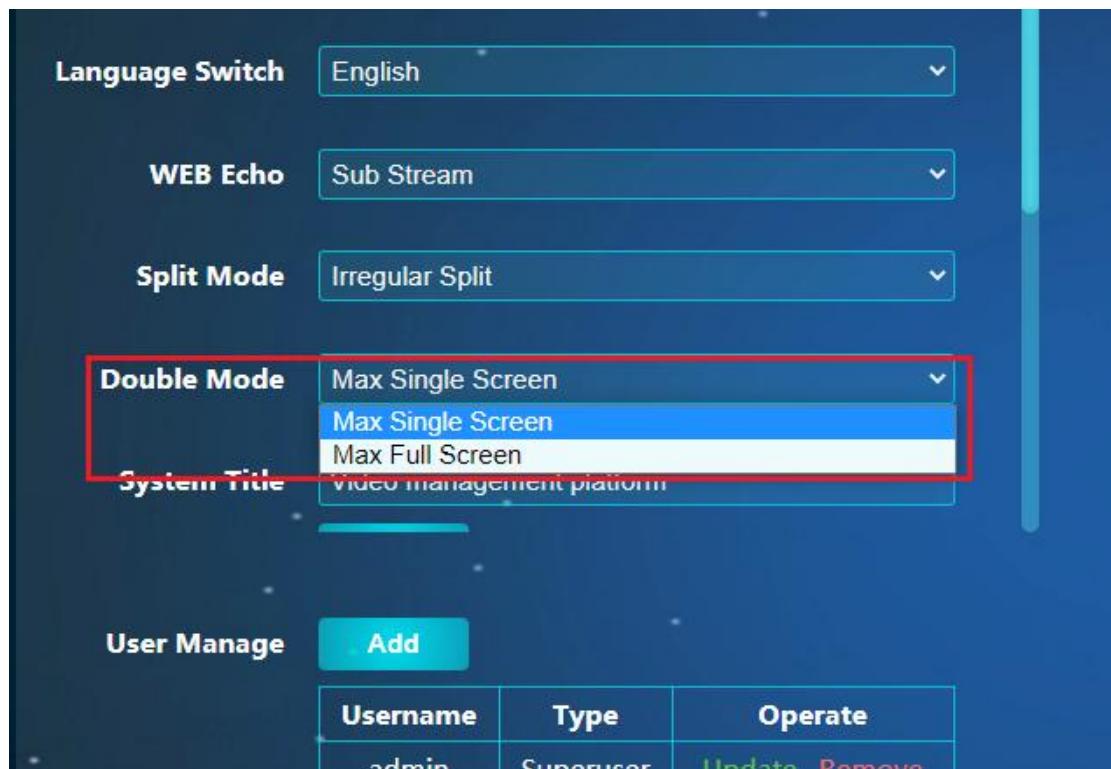
Echo clarity (the main stream is clearer, but the computer performance requirements are higher, the more echo channels, the higher the computer load, the secondary stream of computer performance requirements are lower, can open multiple channels echo at the same time).



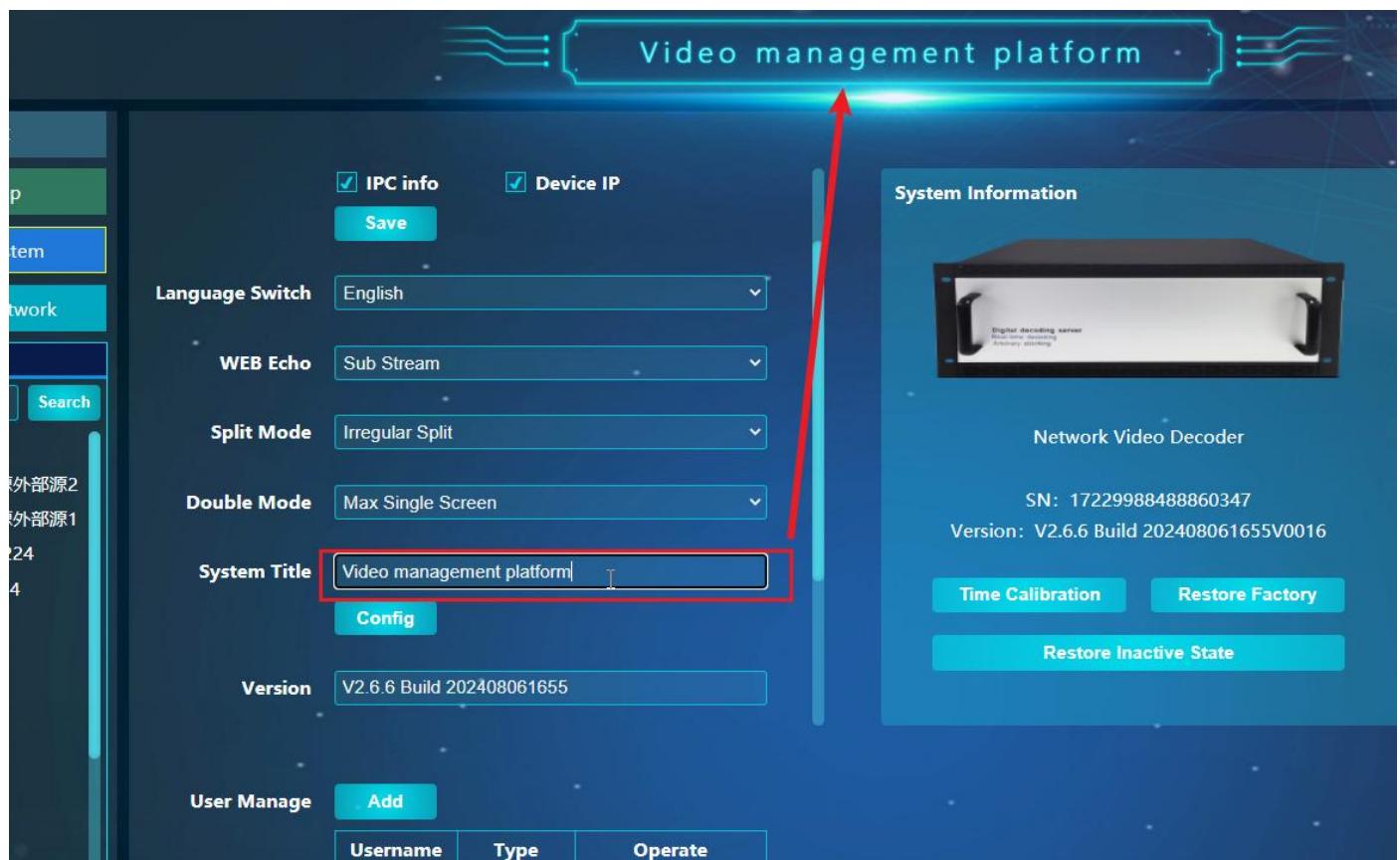
Segmentation mode selection, mainly used in the "video" management right click on the screen segmentation selection.



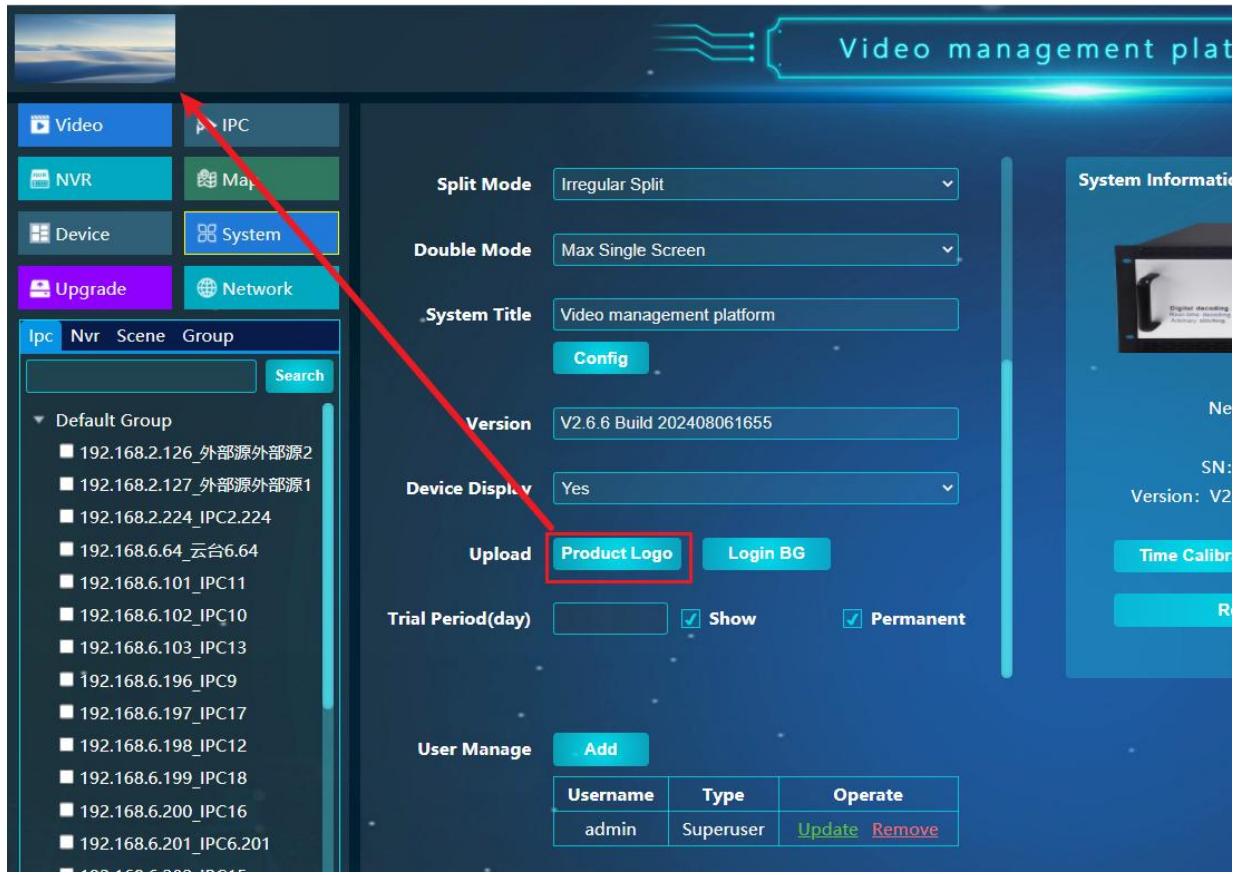
"Double click mode" selection, "Max Single Screen" in the "Video" management double-click channel signal will only be partially amplified, "Max Full Screen" mode in the early "Video" management double-click channel signal will be full screen amplification.



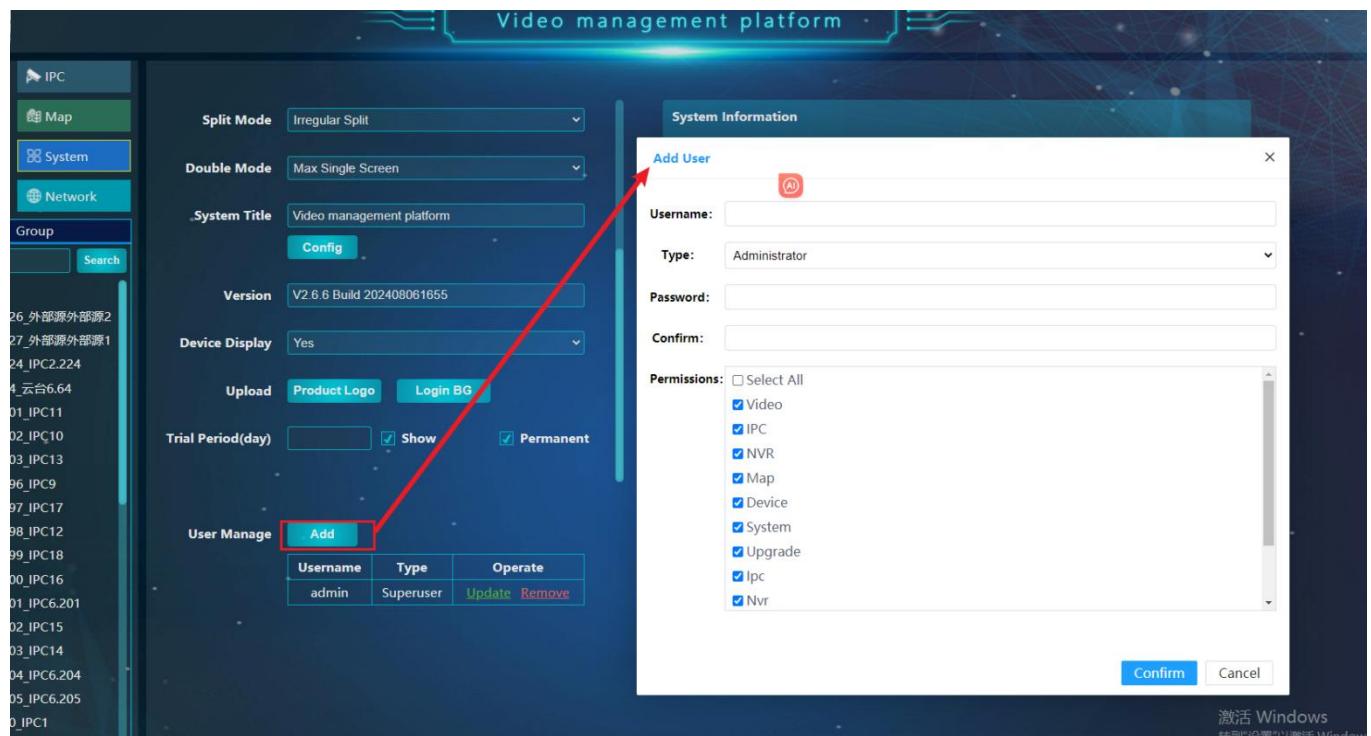
System title change function:



Product logo upload function, click the file selection box, select the logo picture, the picture will be uploaded to the upper left corner of the page.



User management function, set the user name login password, etc., select the function permissions, in addition to the super administrator other users can be deleted and modified.



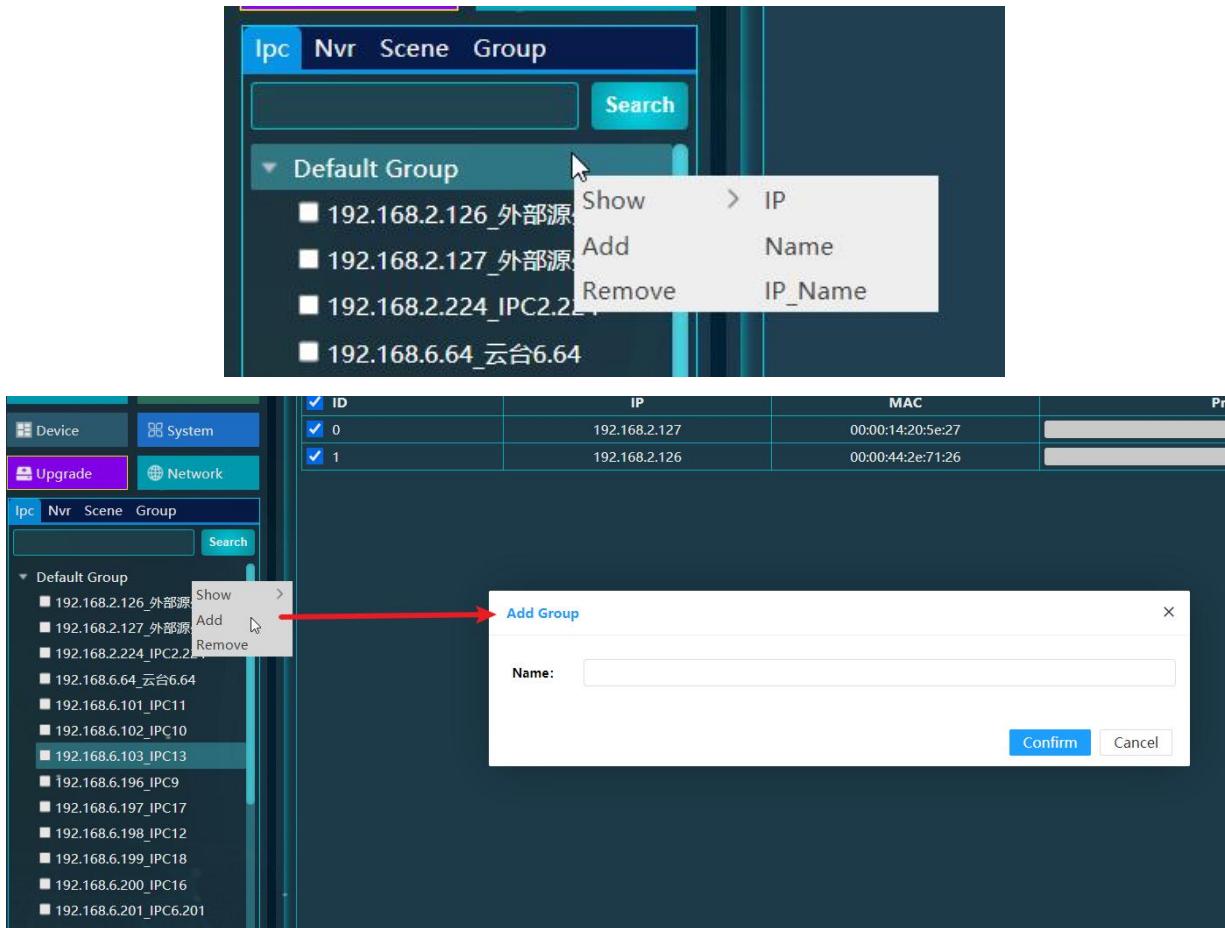
## 1.8 Equipment Upgrade

After checking the card, click "Path" after "Upgrade" to select the upgrade file, and click Upgrade. After the progress reaches 100%, the board will be restarted, and you cannot log in during the restart. After the restart, you can log in to the website normally.

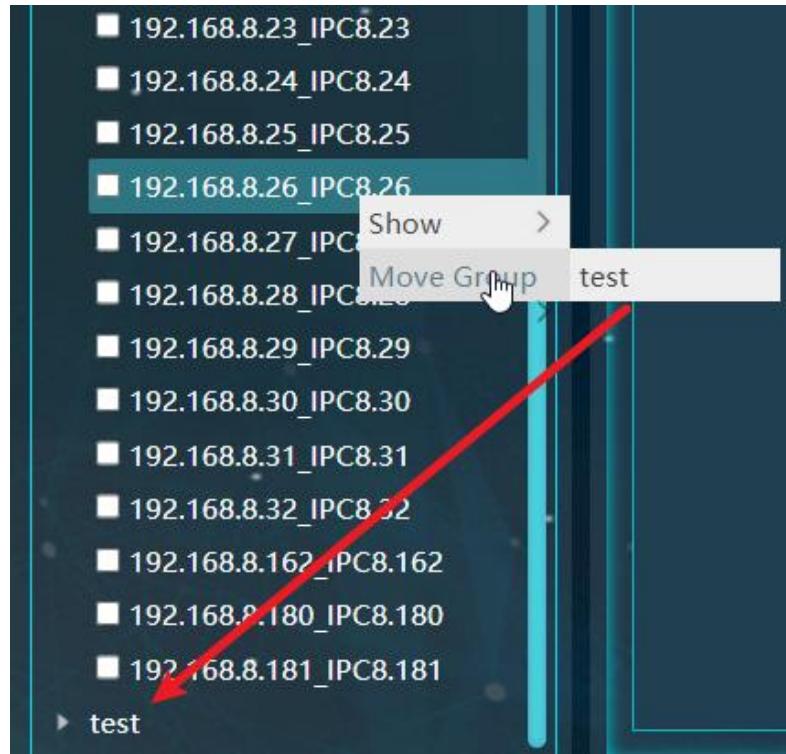


## 1.9 Monitoring point

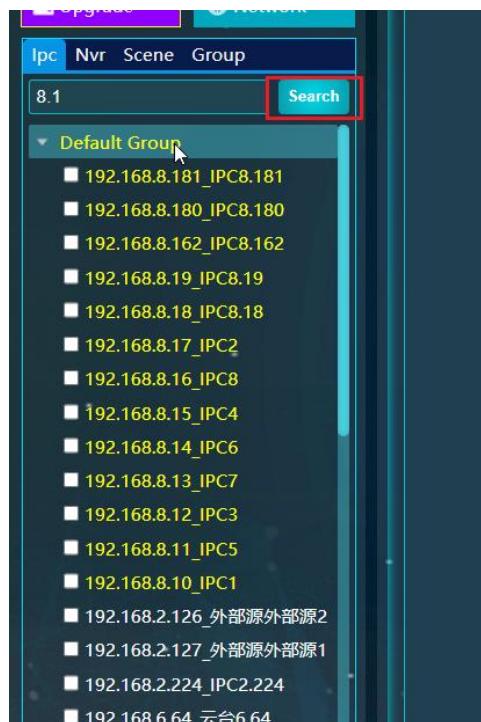
Right-click the list of monitoring points to pop up the group selection box, you can select the display mode, and add the function of deleting groups.



After the "Add" group is created, right click the mouse and select the monitoring IP to move to the group just created.



Search function, the searched IPC will be highlighted in yellow, and the group where the IPC is located will also be highlighted in yellow.



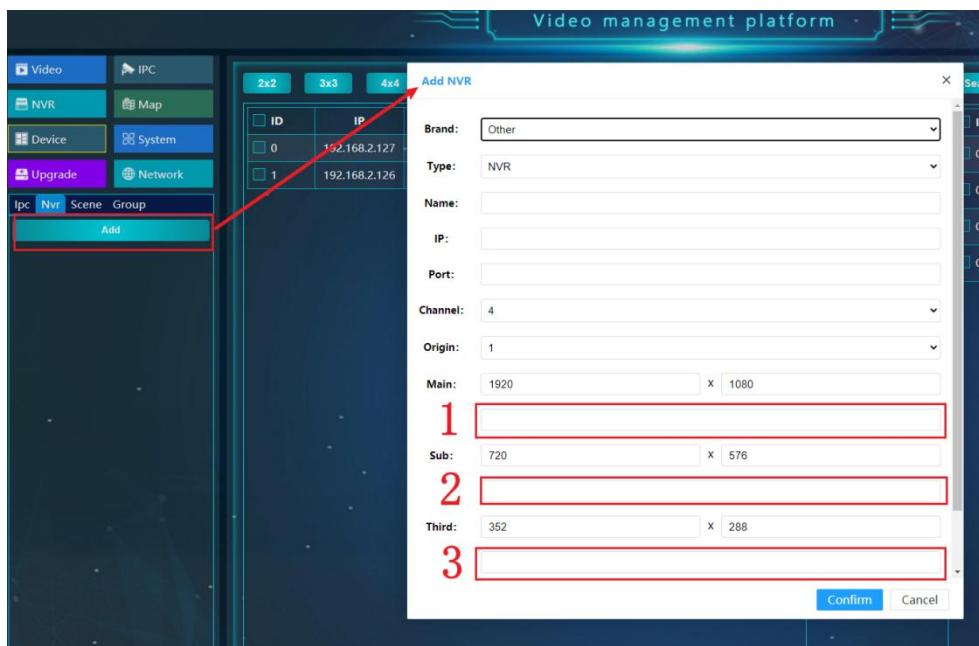
## 1.10 NVR

Click the "Add" button to pop up the "Add NVR" setting box, select and enter the corresponding parameters, user name and password of the recorder's own account and password, and fill in the specific information to log in to the software of the recorder brand itself, refer to the network configuration related

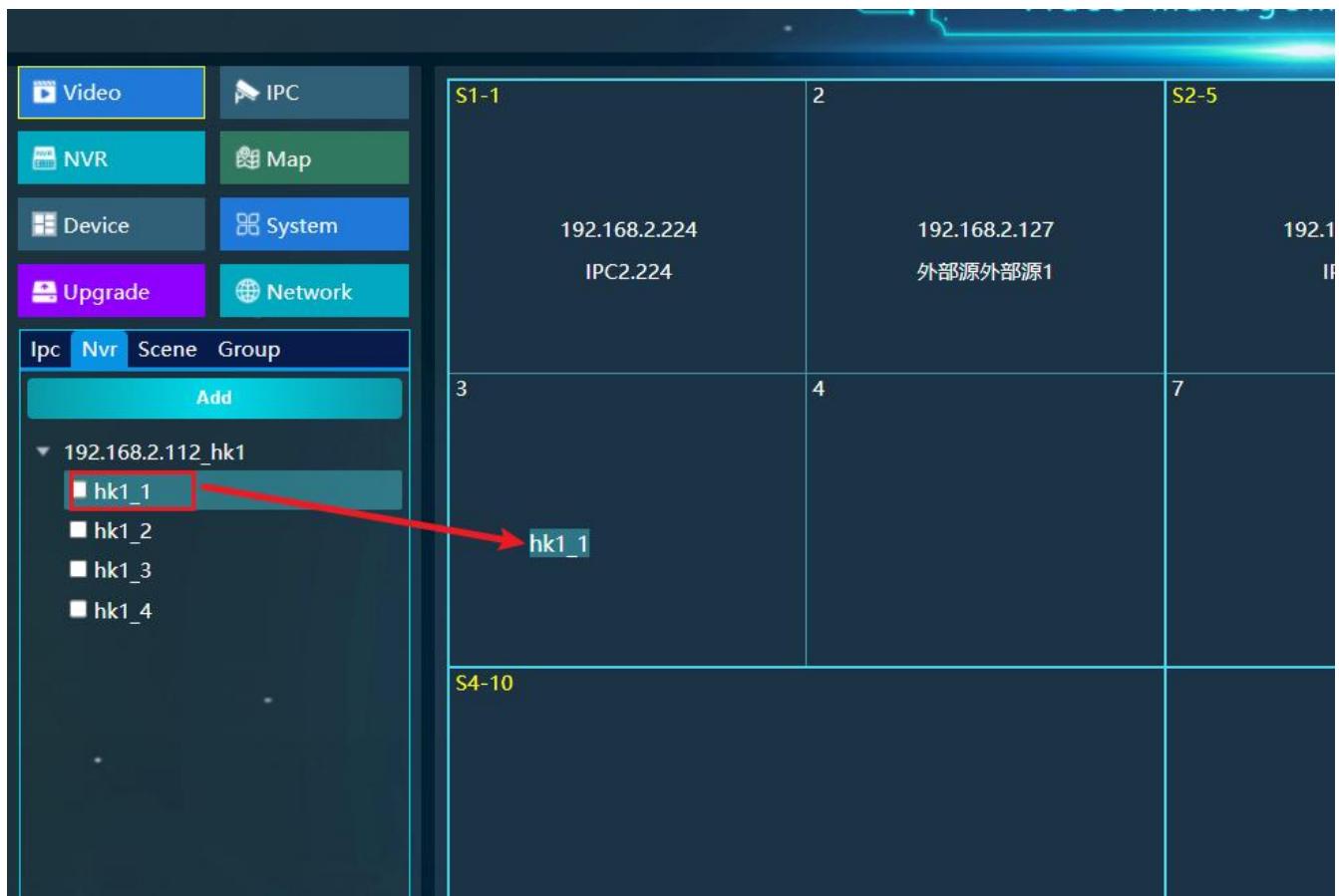
information inside. If it is a non-Chinese brand or not in the brand list, select other brand!

When selecting other brands, it is necessary to fill in the stream address of 3 kinds of streams under the resolution, 1, 2 and 3 correspond to the main stream, secondary stream and third stream respectively.

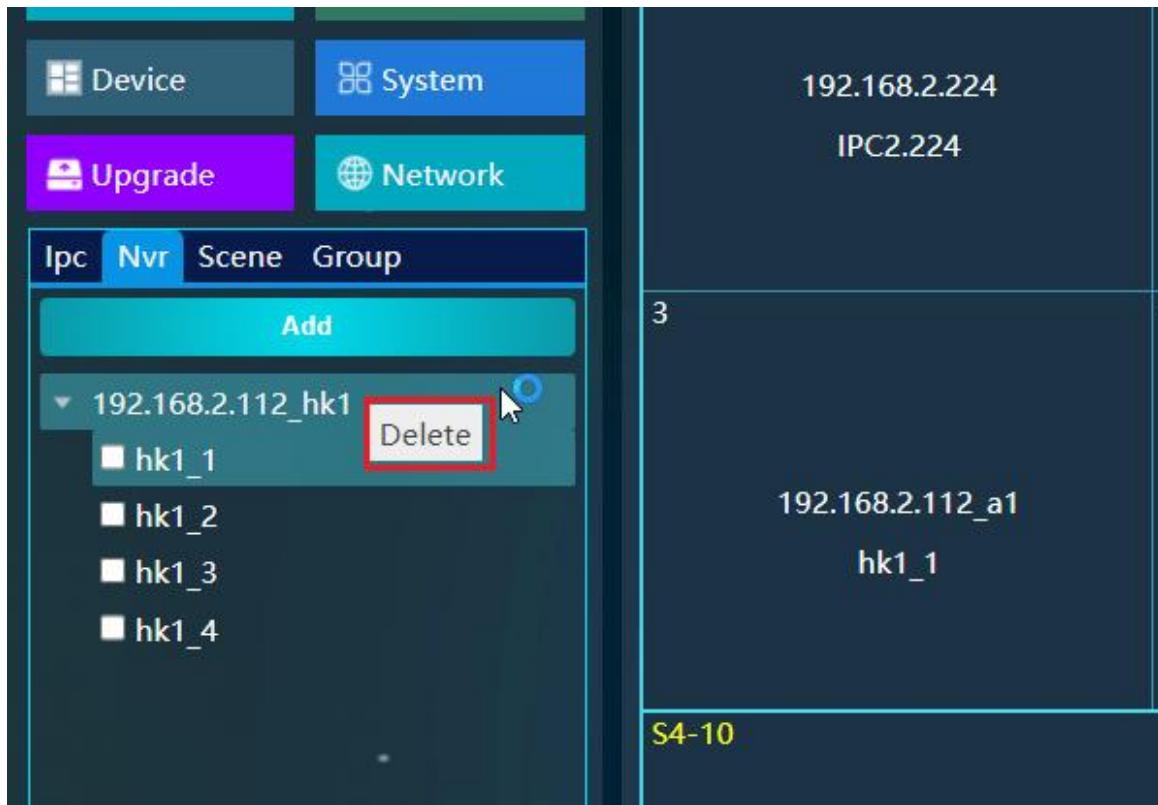
The entered stream address must comply with the stream address specification of the brand.



The added NVR can be dragged to the "Video" management channel to display the picture.

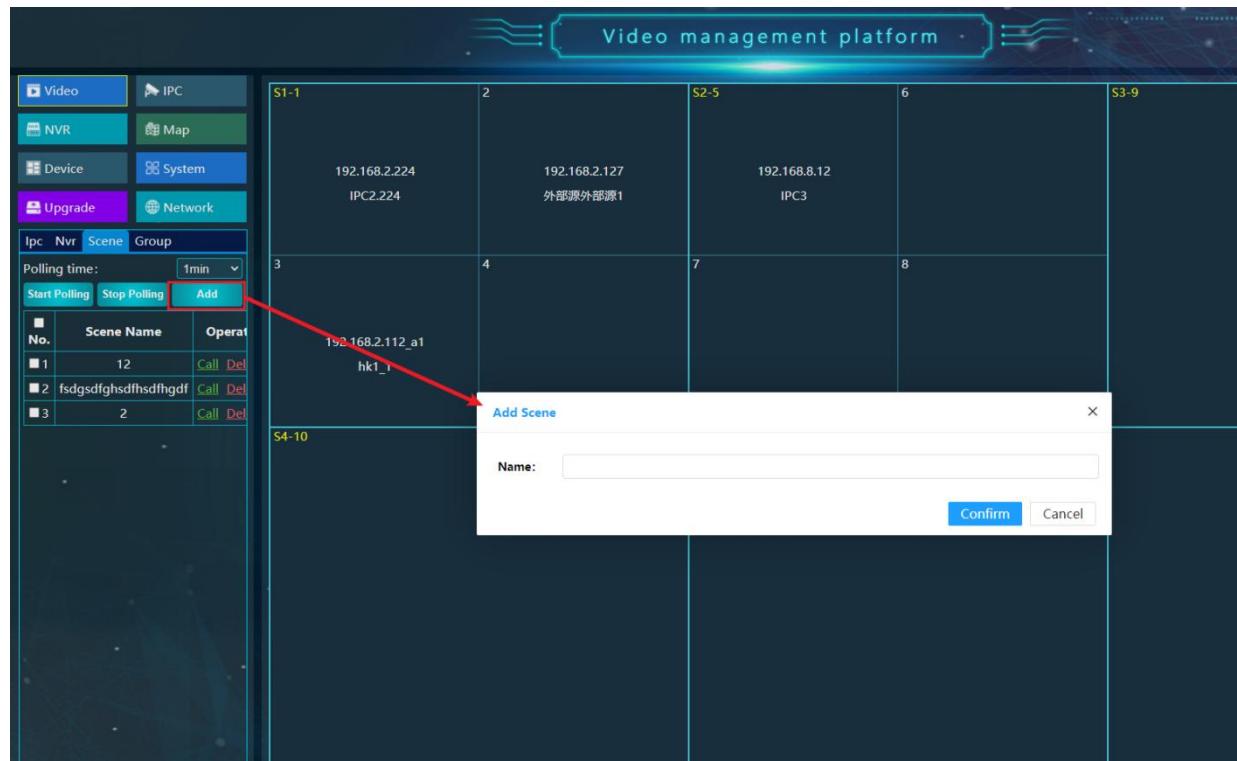


Right click on NVR to delete it.

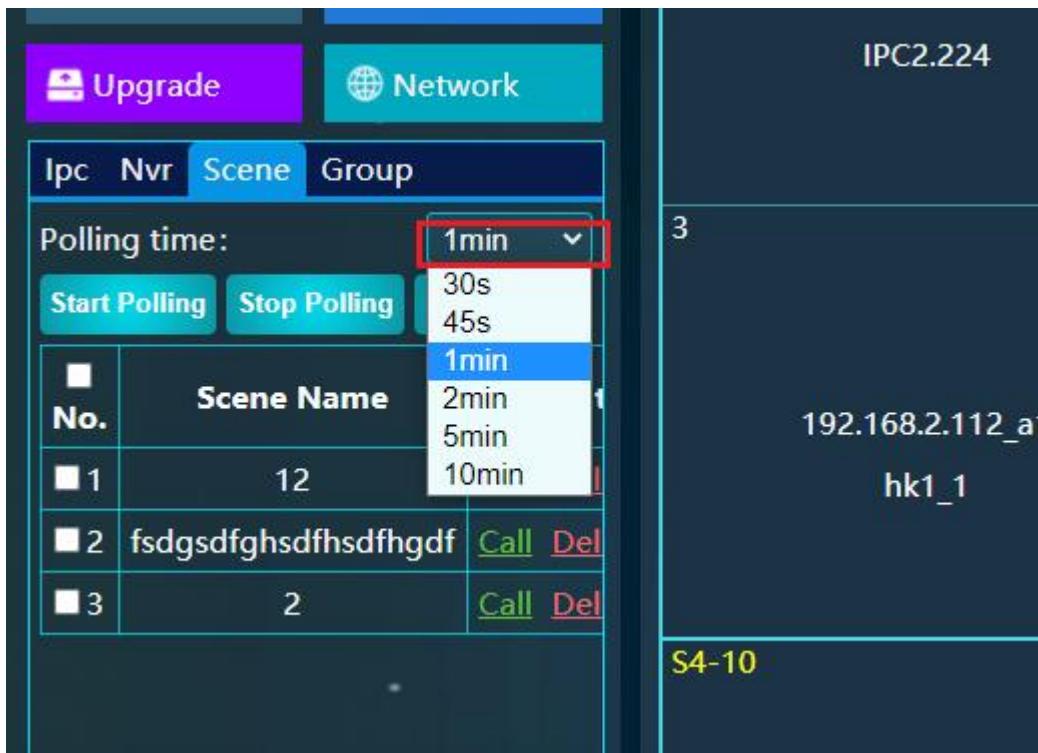


## 1.11 Scene

After all the right channels are laid out, click the "Add" button and save the current scene layout after naming (the scene can not only save the arrangement of channels and signal sources, but also save the state of channel segmentation).

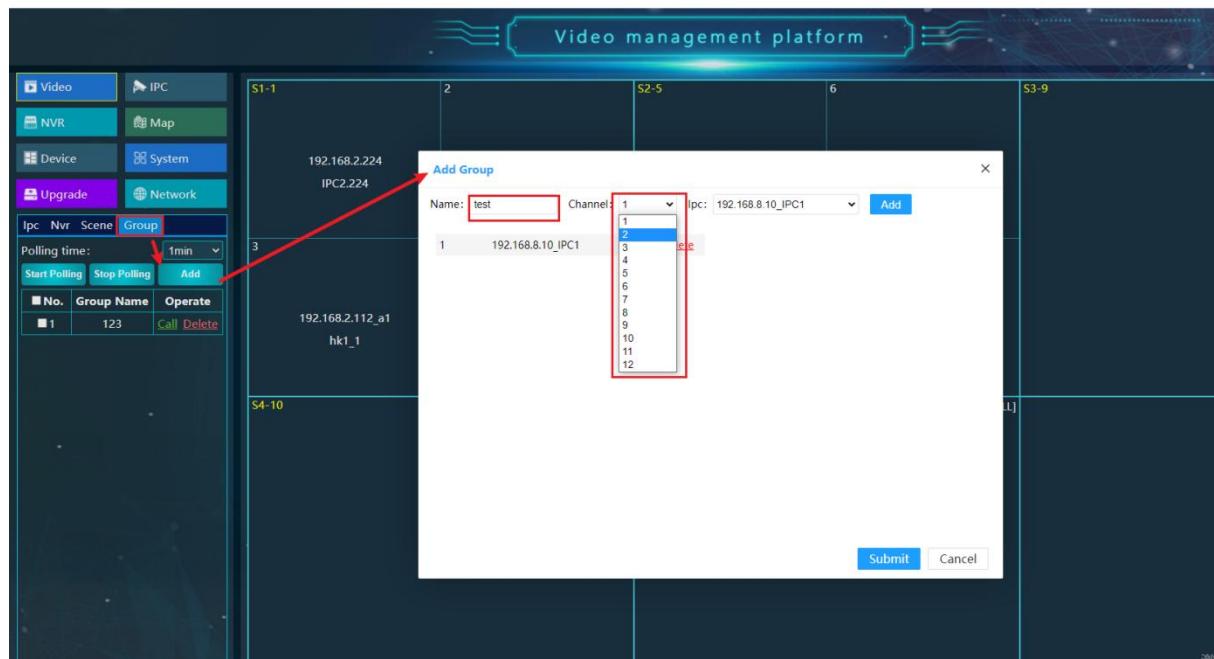


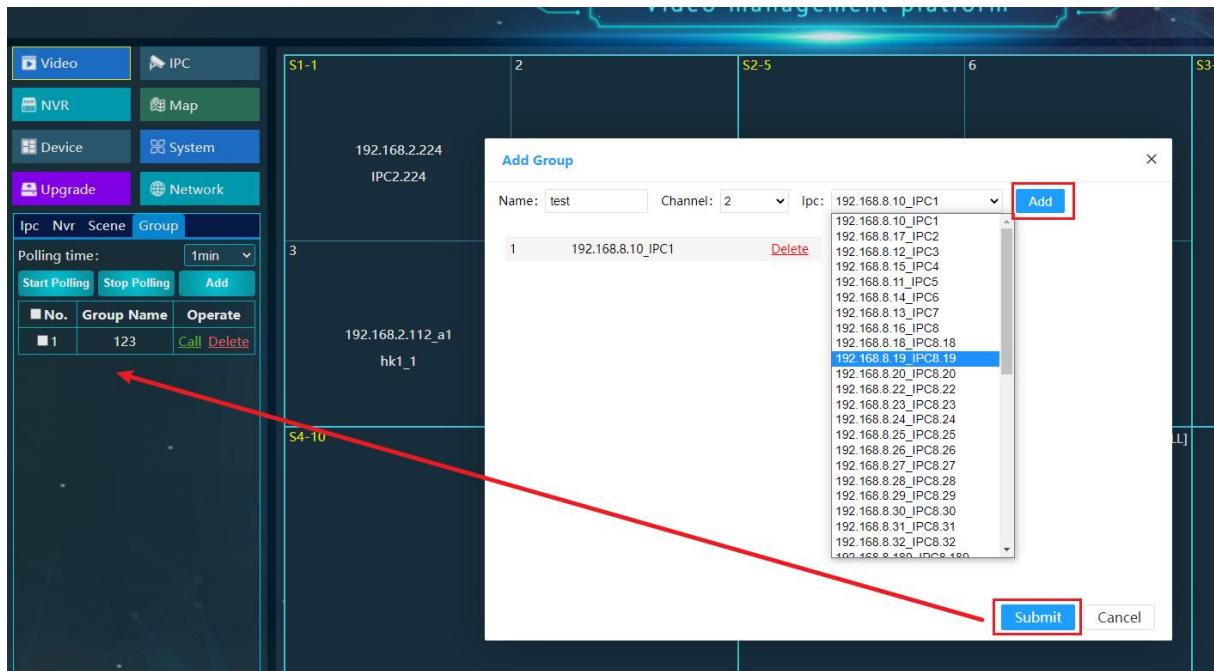
Scene round robin function: check the scene selection time and click "Start Polling".



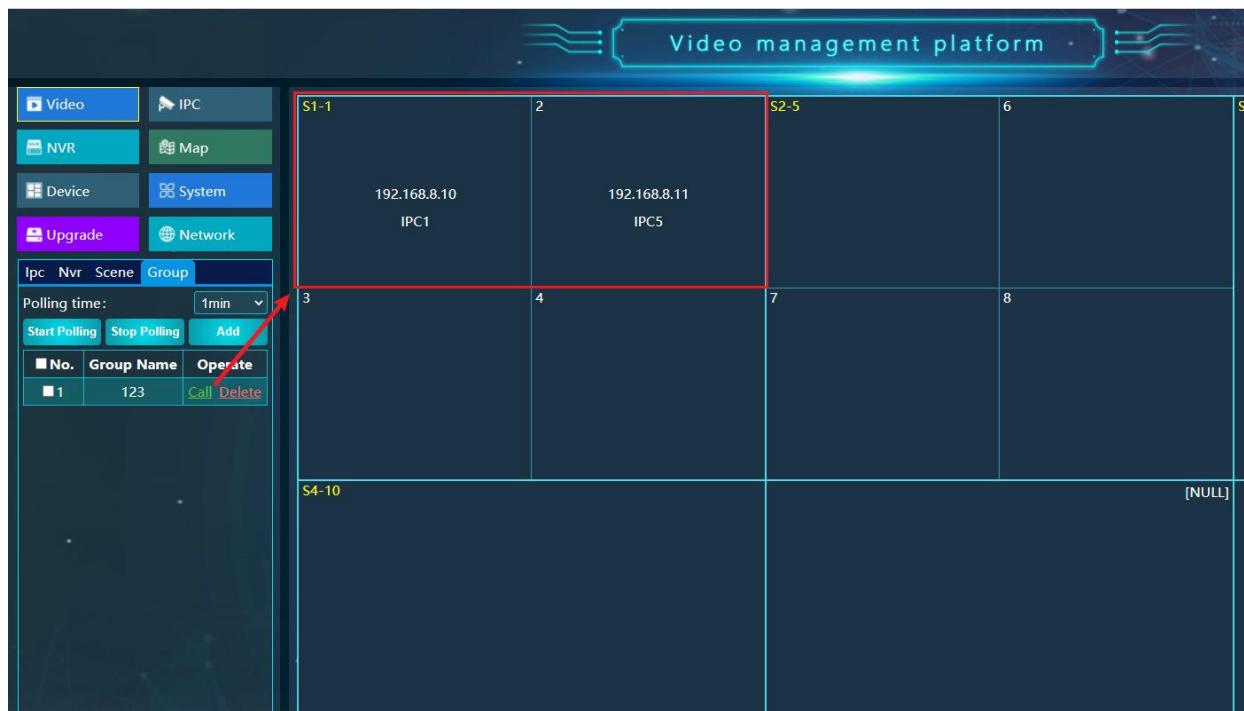
## 1.12 Groups

Click "Add" to pop up the group configuration box, set the name, and select the signal source for each channel to add. Any channel layout will be arranged in the order of channel number and source configuration of the "group". (The group only saves the channel number and signal source, not the channel division state)

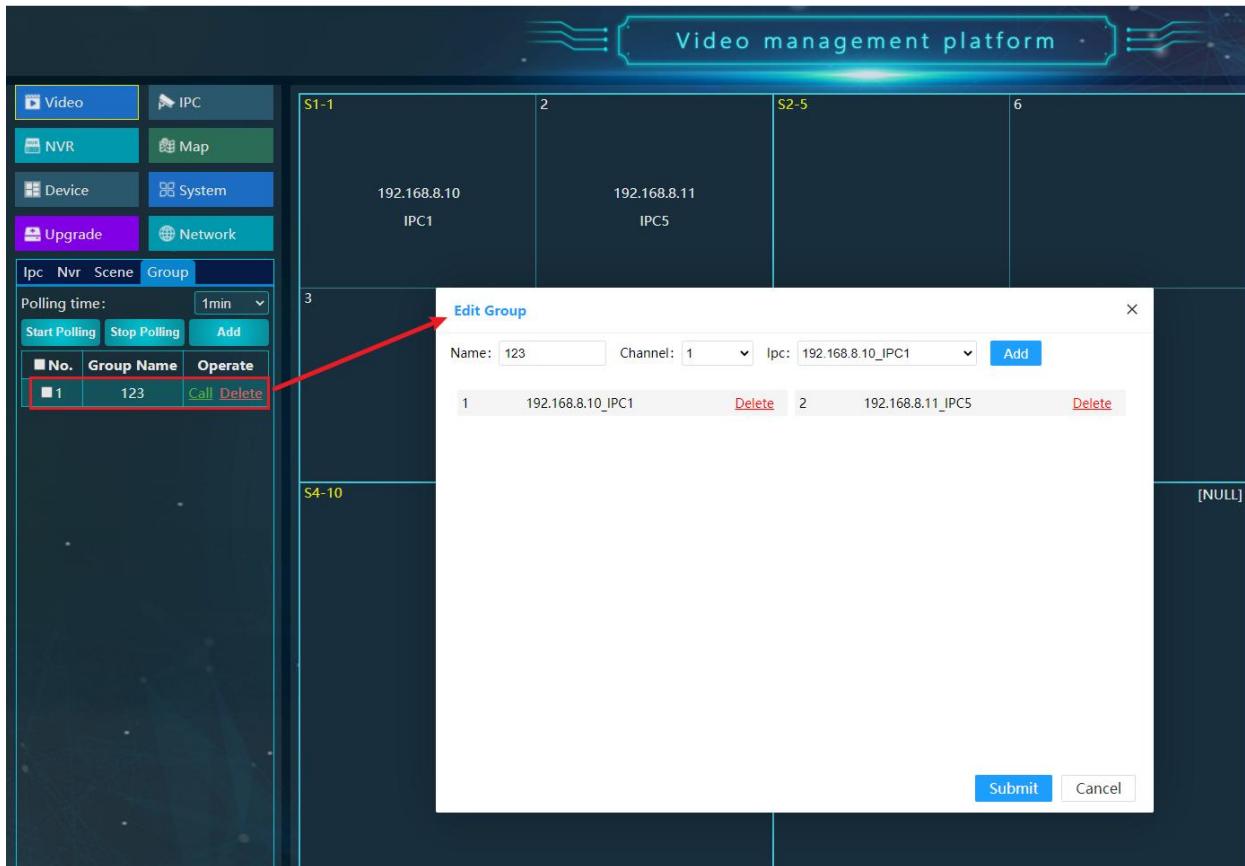




Click to call the effect is as follows:



Double-click on the group to edit.



The rotating method is the same as the scene, check the group selection time and click "Start Polling".