PIXELHUE

PixelFlow V2.0.0

2026-04-29



Release Notes

1 V2.0.0

1.1 Software Version

PixelFlow V2.0.0

1.2 Supporting Event Controllers

U5 V2.0.0

U5 Pro V2.0.0

1.3 Supporting Presentation Switchers

P80 V1.2.0

Q8 V2.0.0

P20&P20-DS V1.8.0

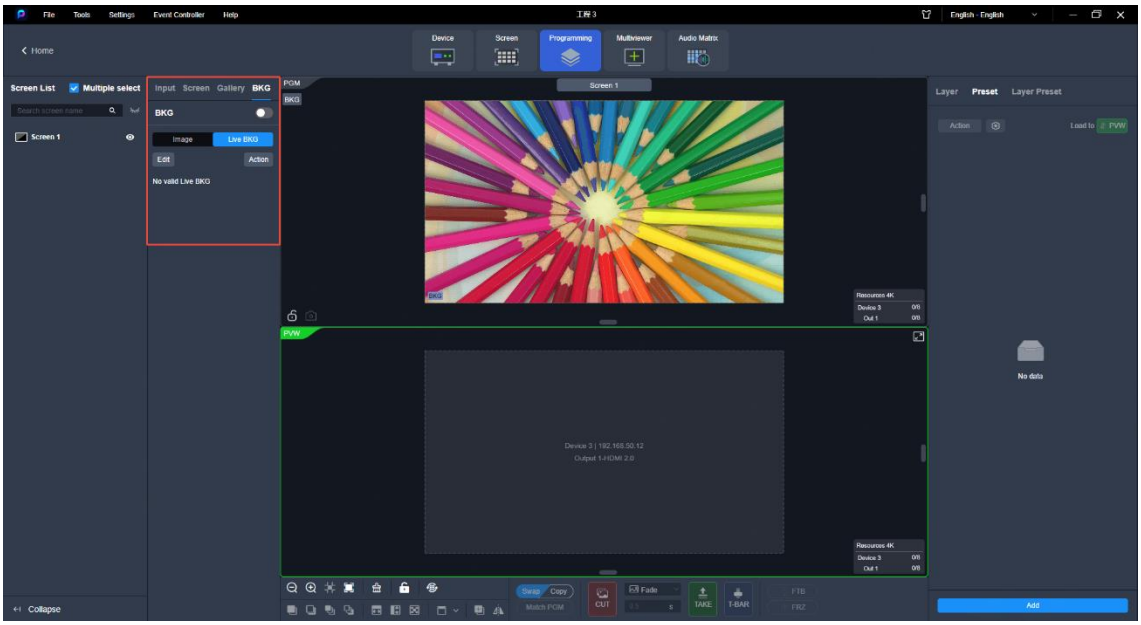
P10 V1.8.0

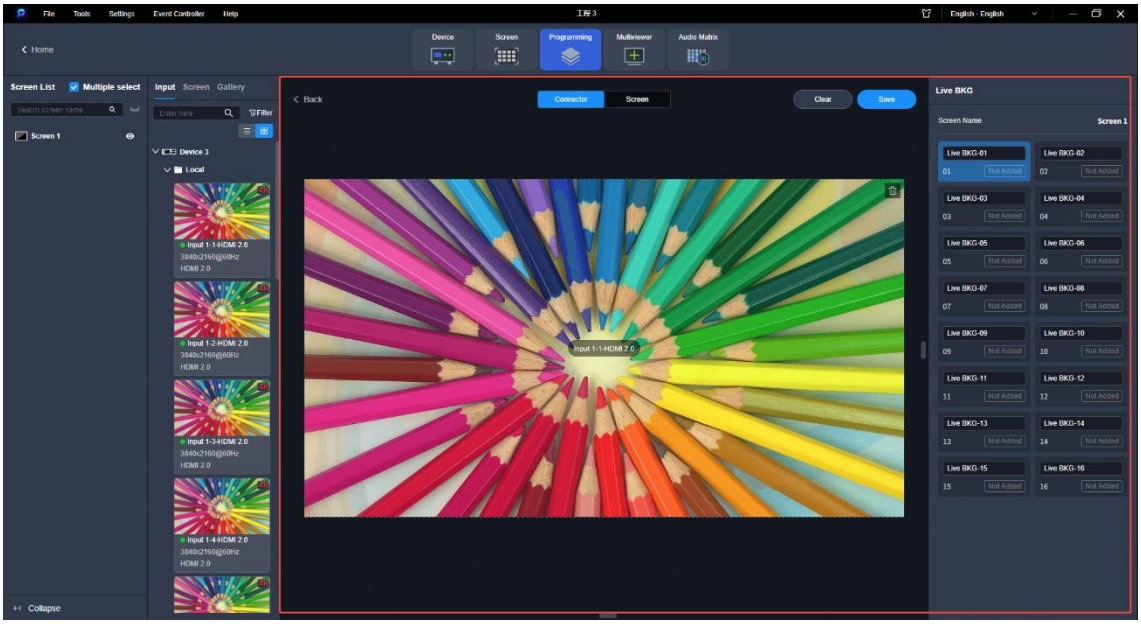
1.4 New Features

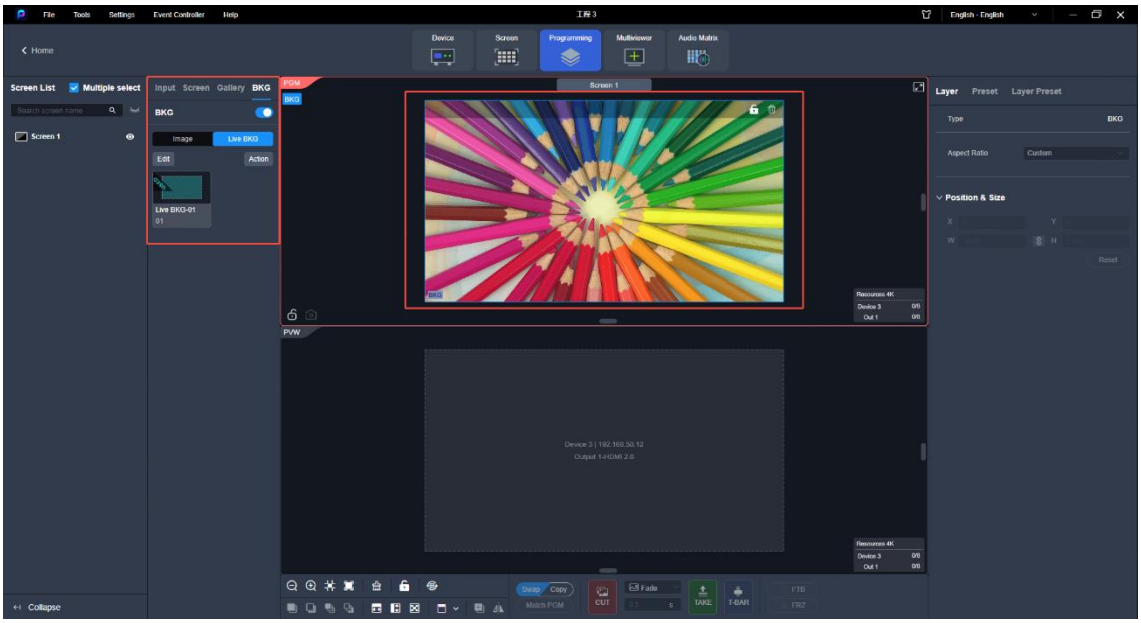
1.4.1 P80: Live BKG

Description

Allows setting a live video input signal as the background layer.



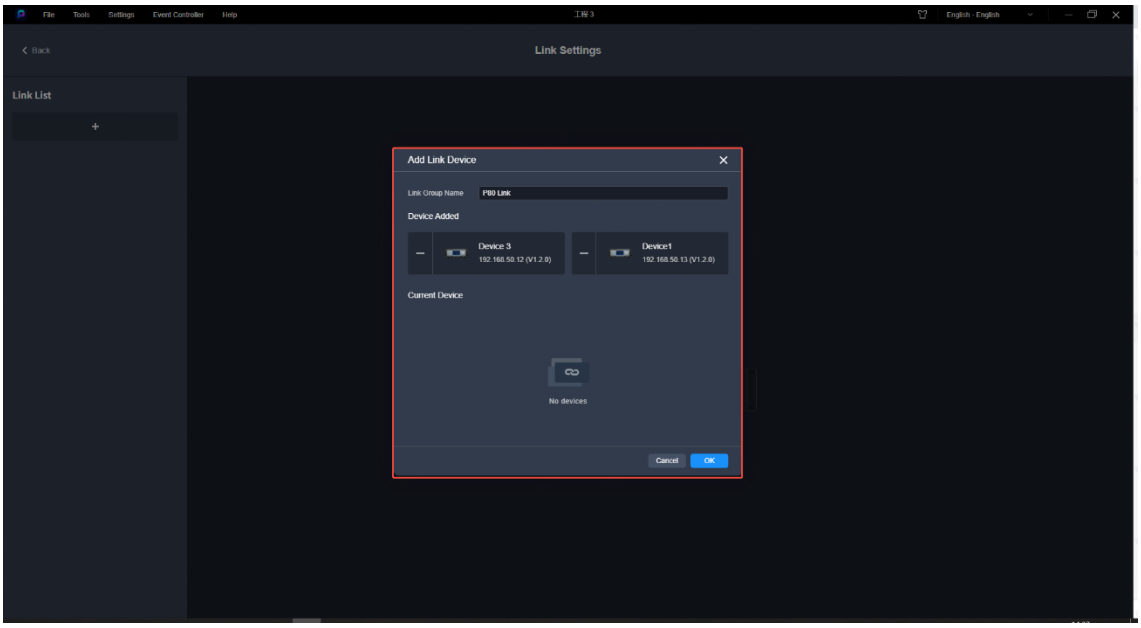


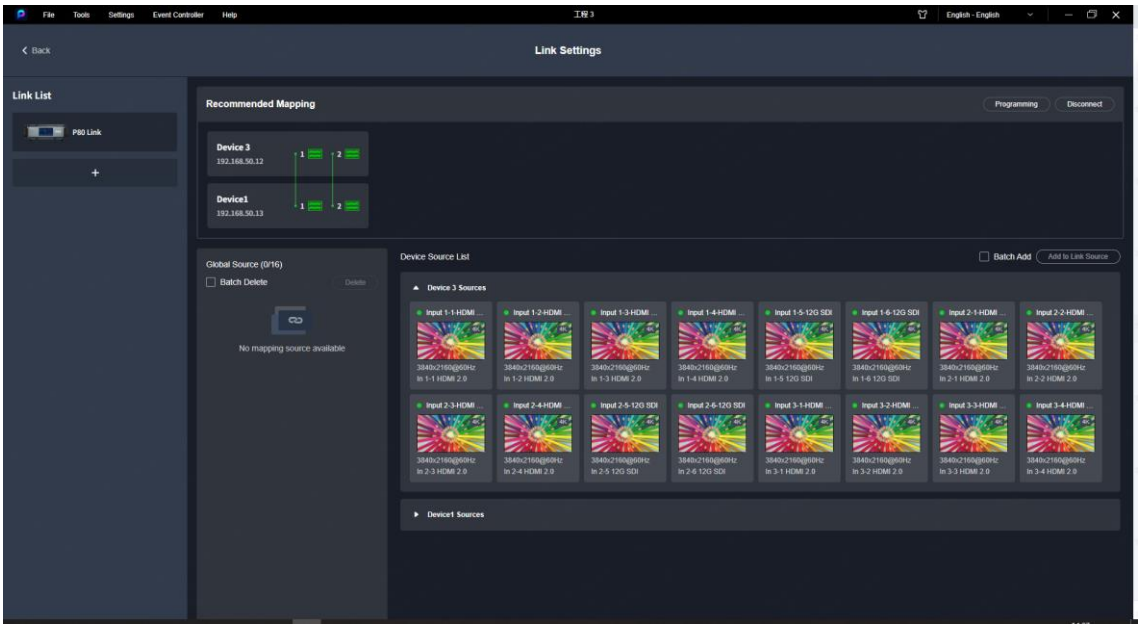


1.4.2 P80: Dual Device Link

Description

Within the same project, you can link two devices via their Link ports. When accessing one device, you can utilize the input sources from other devices that are in the linked state.

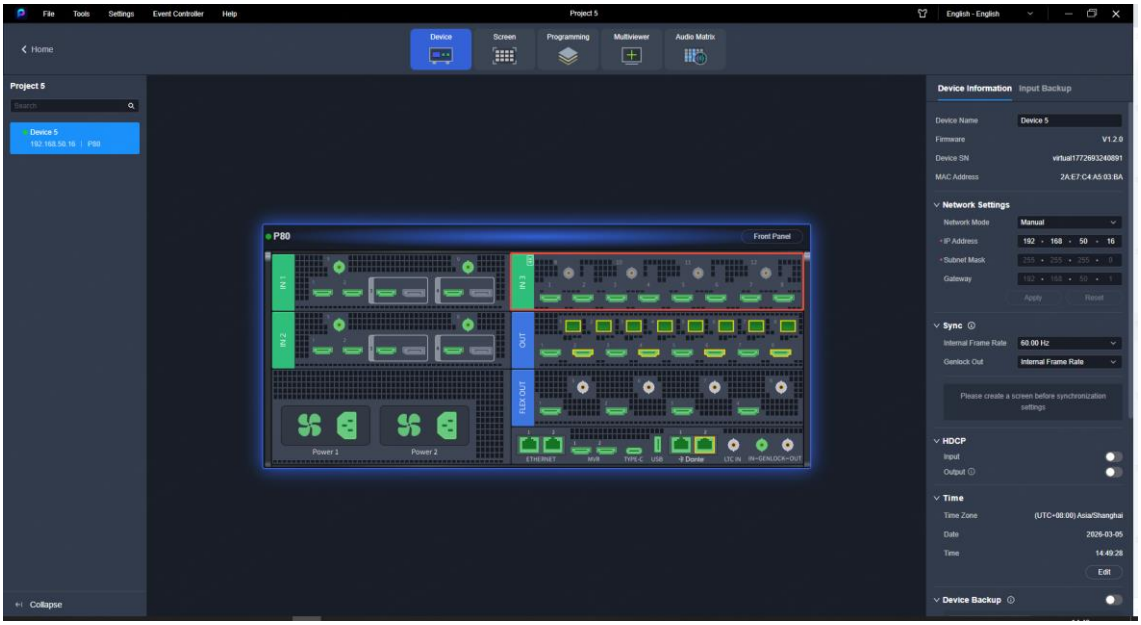




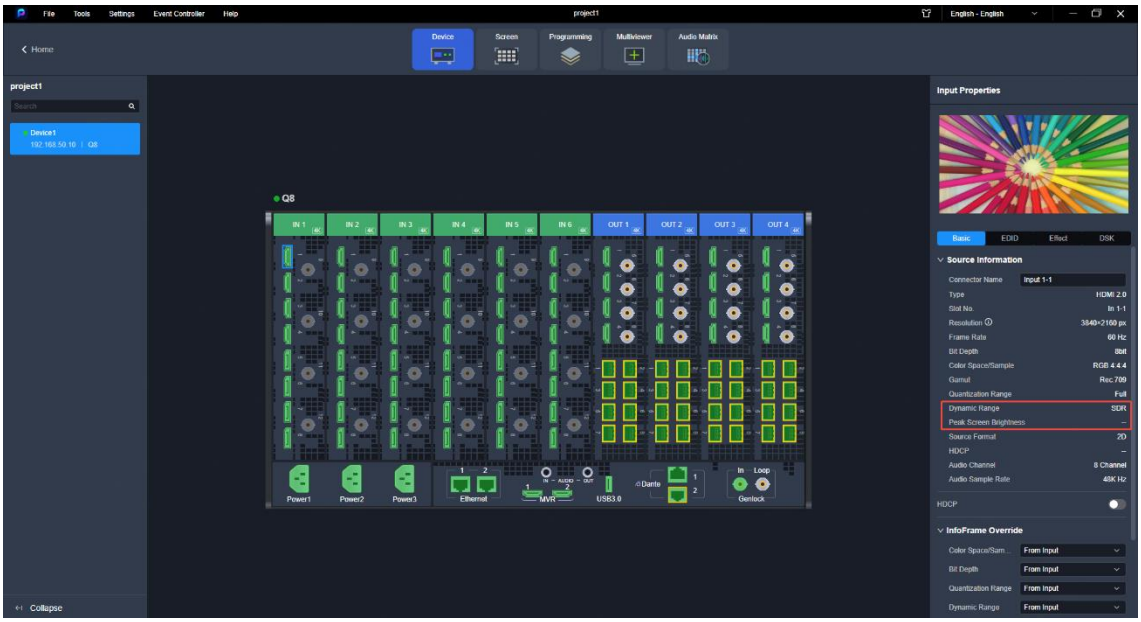
1.4.3 P80: 8x HDMI Input Card

Description

The P80 now supports the 8-channel HDMI input card.



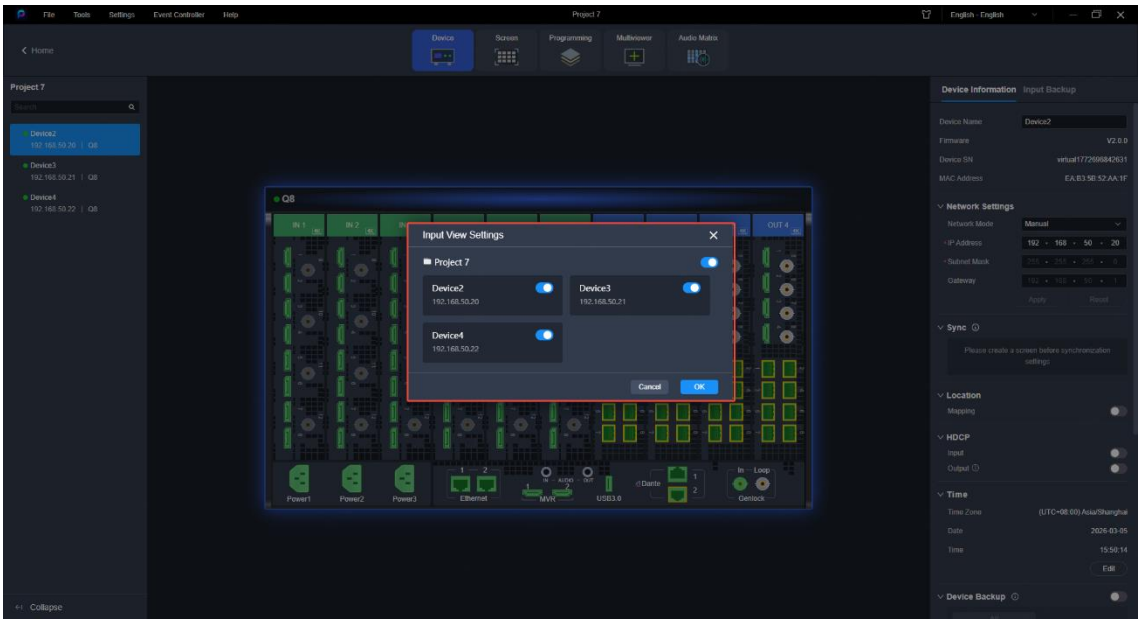
1.4.4 Dynamic Range and Peak Screen Brightness Display for Input Connectors



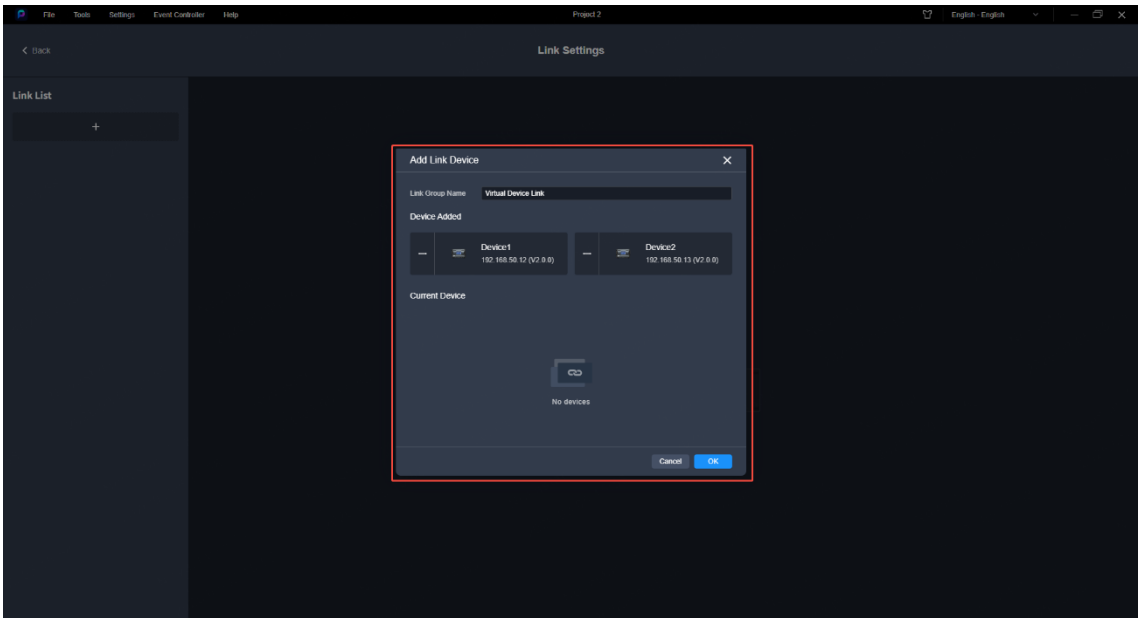
1.4.5 Global Input View Switch

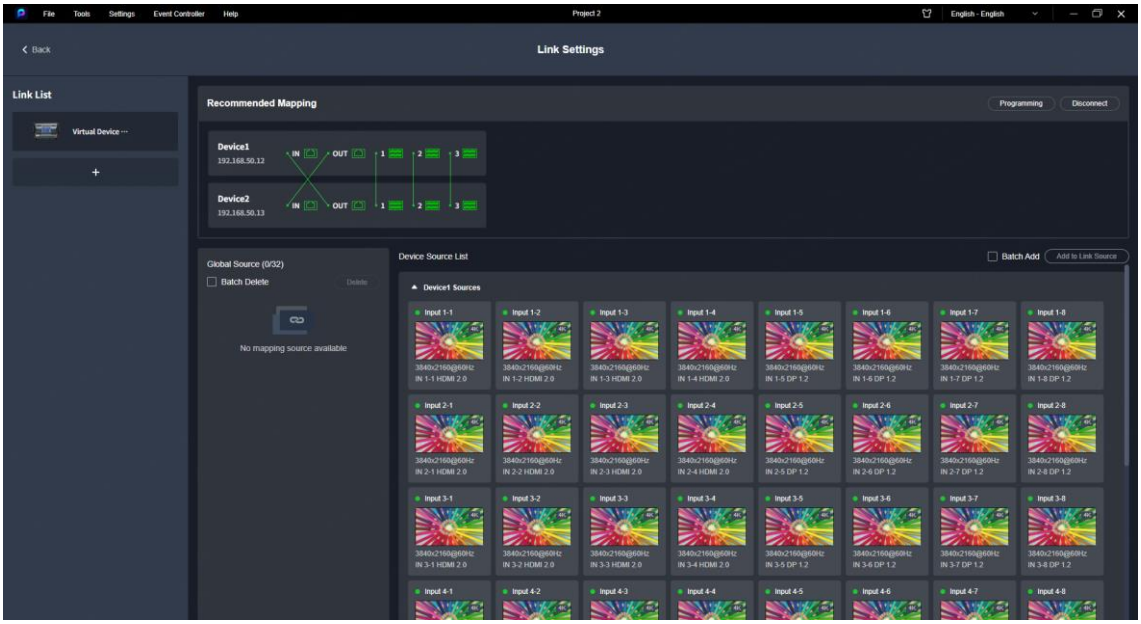
Description

Allows enabling or disabling the input view function individually for different devices within the same project.



1.4.6 P80, Q8: Simulation Devices Support Link Functionality

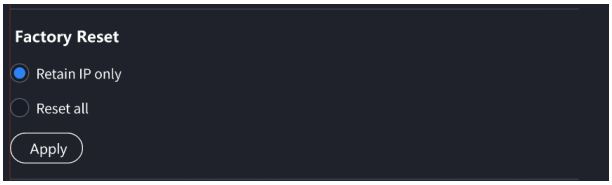


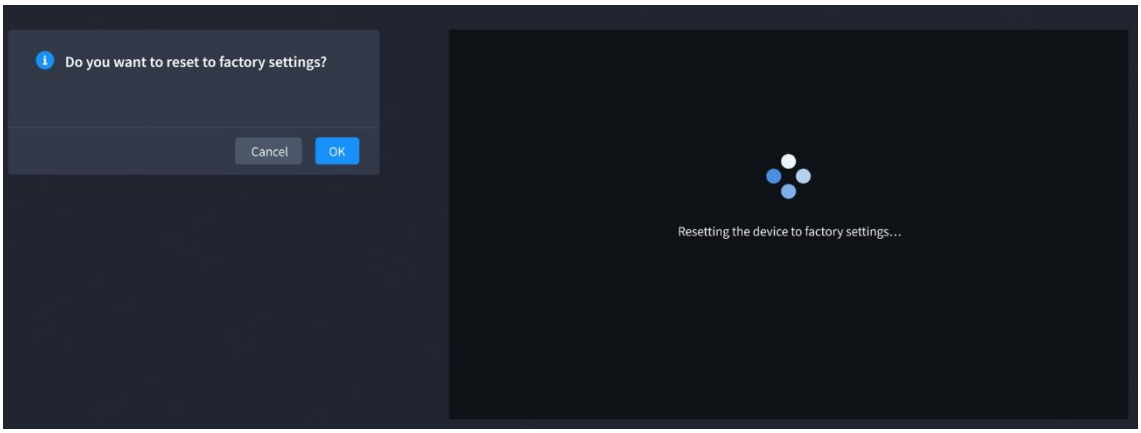


1.4.7 Event Controller: Factory Reset Settings

Description

Resets all event controller settings, custom keys, peripheral configurations, smart screen settings, simulation device settings, preferences, software skins, language, and Companion custom parameters to their defaults or clears them.

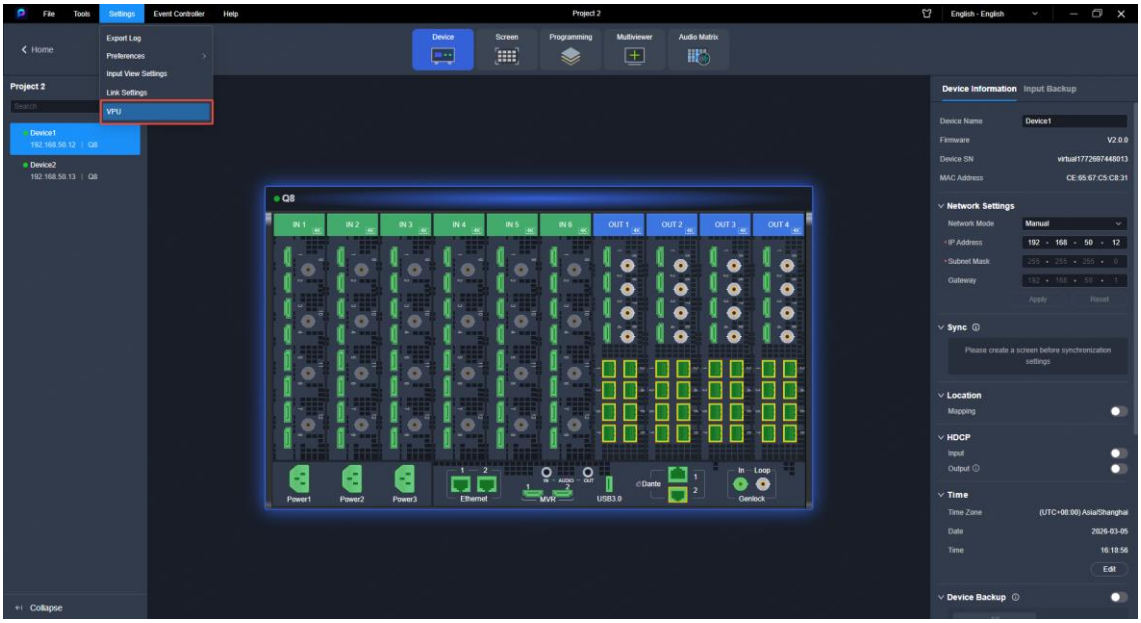




1.4.8 VPU Functionality

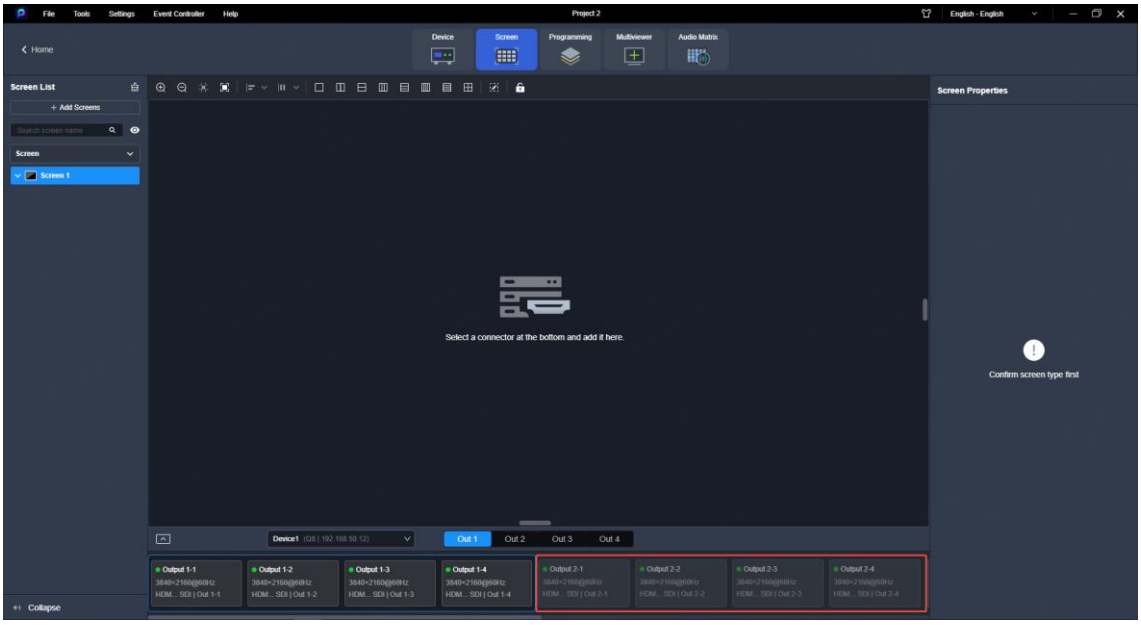
Description

Enables the borrowing of layer processing resources between two adjacent video processing cards. Cards with surplus resources can lend capacity to cards that are resource-constrained, facilitating cross-card resource sharing.





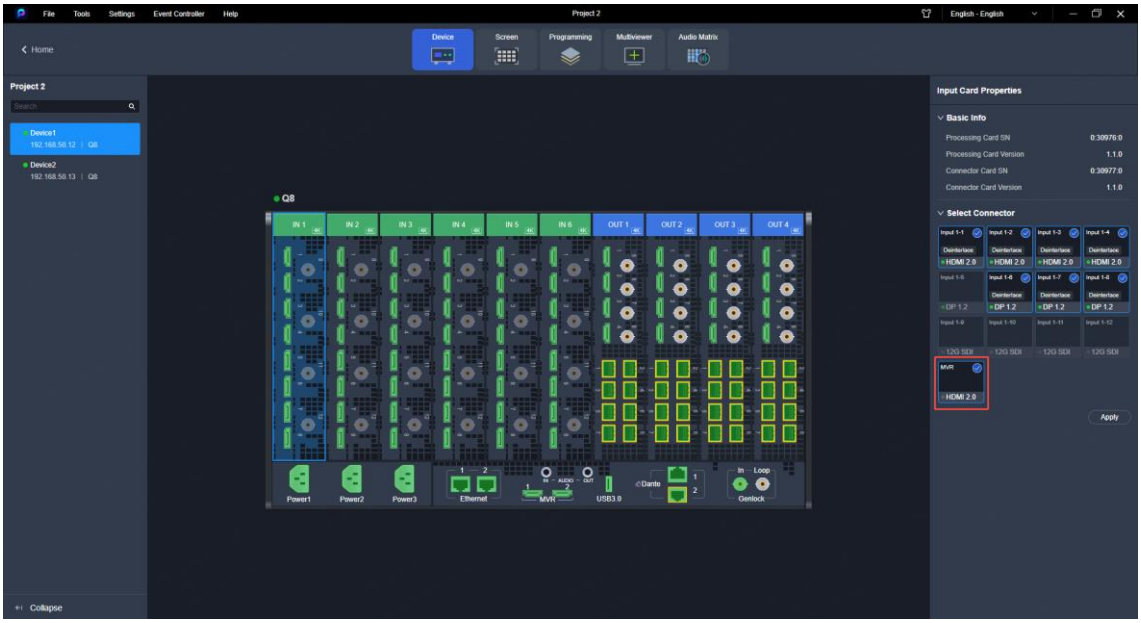

File
Tools
Settings
Event Controller
Help
Project 2
English - English
Home
Device
Screen
Programming
Multiviewer
Audio Matrix
Project 2
Device1
192.168.50.12 | Q8
Device2
192.168.50.13 | Q8
Q8
IN 1
IN 2
IN 3
IN 4
IN 5
IN 6
OUT 1
OUT 2
OUT 3
OUT 4
Power1
Power2
Power3
Ethernet
MVR
USB3.0
Dante
In
Loop
Genlock
Collapse
Device information
Input Backup
Device Name
Device1
Firmware
V2.0.0
Device SN
virtual1772697448013
MAC Address
CE:65:67:C5:C8:31
Network Settings
Network Mode
Manual
IP Address
192 . 168 . 50 . 12
Subnet Mask
255 . 255 . 255 . 0
Gateway
192 . 168 . 50 . 1
Apply
Reset
Sync
Please create a screen before synchronization settings
Location
Mapping
HDCP
Input
Output
Time
Time Zone
(UTC+08:00) Asia/Shanghai
Date
2026-03-05
Time
16:20:18
Edit
Device Backup

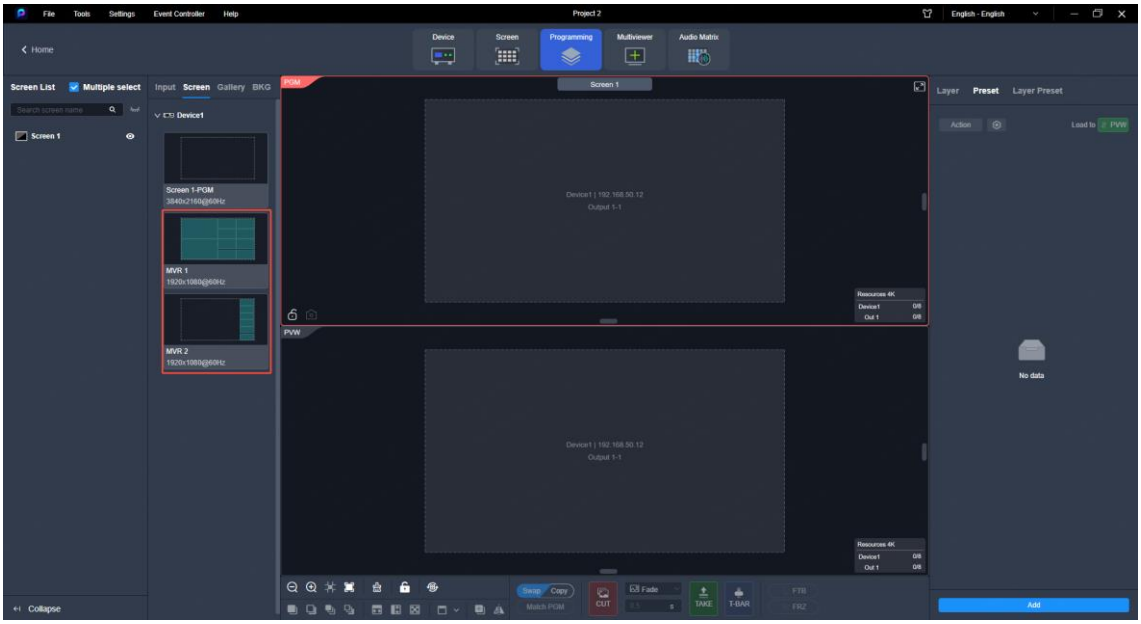

File
Tools
Settings
Event Controller
Help
Project 2
English - English
Home
Device
Screen
Programming
Multiviewer
Audio Matrix
Screen List
+ Add Screens
Search screen name
Screen
Screen 1
Select a connector at the bottom and add it here.
Screen Properties
Confirm screen type first
Device1 (Q8 | 192.168.50.12)
Out 1
Out 2
Out 3
Out 4
Output 1-1
Output 1-2
Output 1-3
Output 1-4
Output 2-1
Output 2-2
Output 2-3
Output 2-4
Collapse

1.4.9 Q8: Support for MVR Source

Description

Allows using the Multiviewer image as an input source, enabling it to be opened as a layer on any screen.

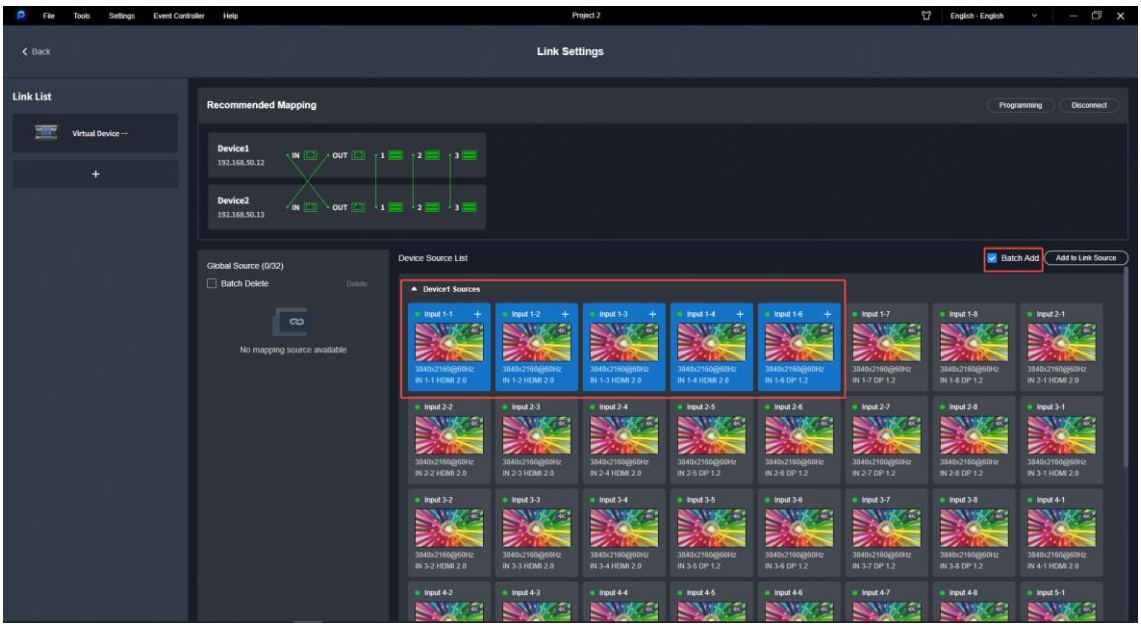


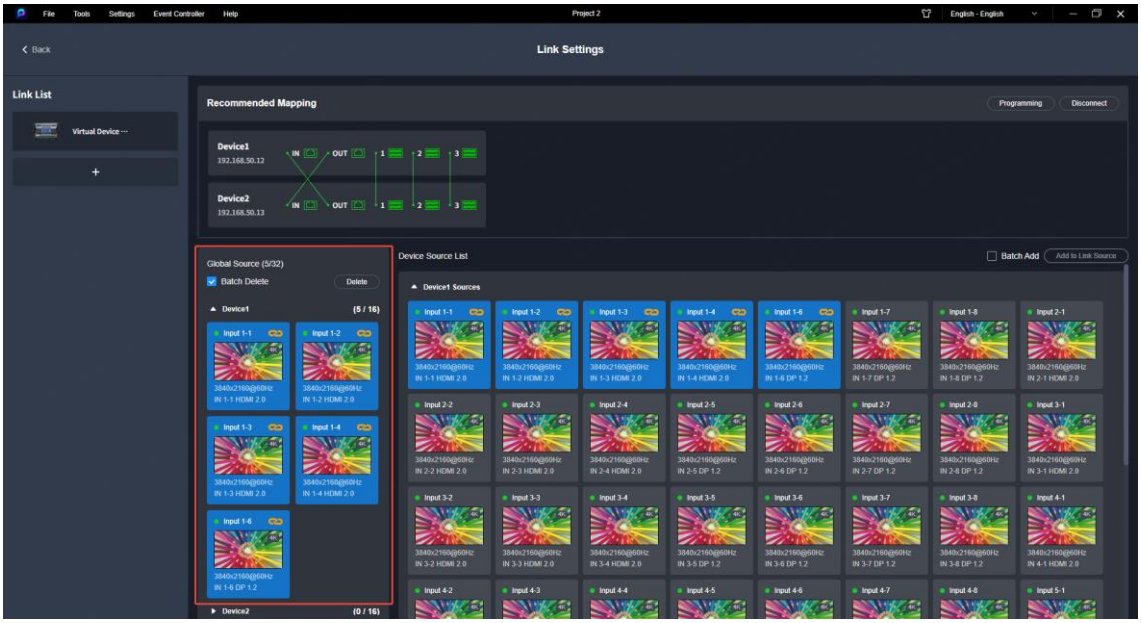


1.4.10 Batch Add/Delete Link Sources

Description

Supports adding and deleting Link sources in batches.



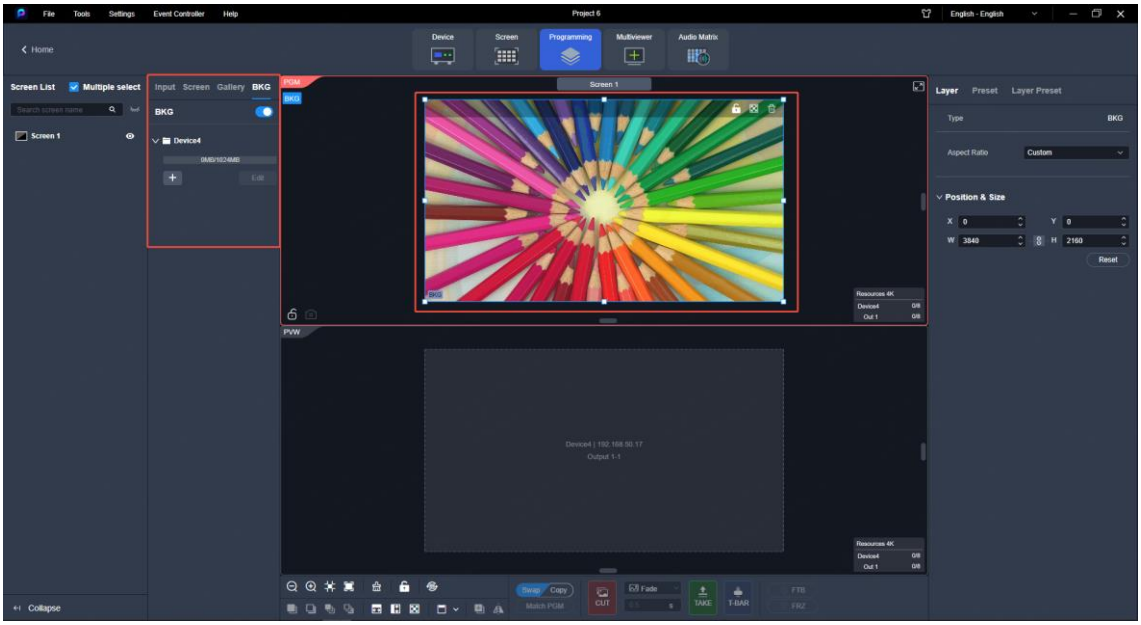


1.5 Improvements

1.5.1 Optimized BKG Creation Interaction

Description

The interaction for creating BKG layers has been moved from the right-side properties panel to a drag-and-drop action from the left-side BKG list.



1.5.2 Optimized Dante Information Display

Description

When no Dante data is available, the display now shows "-" instead of the previous "N/A".

1.5.3 Optimized Preset Loading Prompts

Description

Optimized the notification prompt that appears when loading a preset that contains images not yet loaded during the boot-up gallery loading process. The system will now display the message: "Gallery initializing and failed to load preset."

1.5.4 New Restriction on KeyFrame for VPU Function

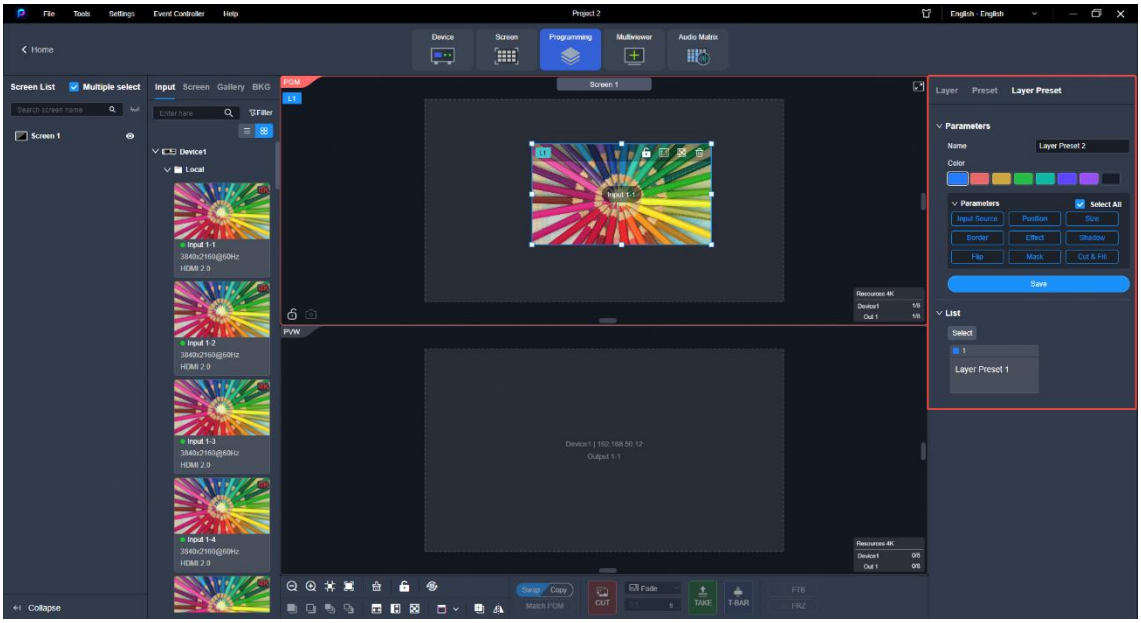
Description

If the VPU function is enabled on any output card within a screen, the KeyFrame feature is disabled for all layers on that screen.

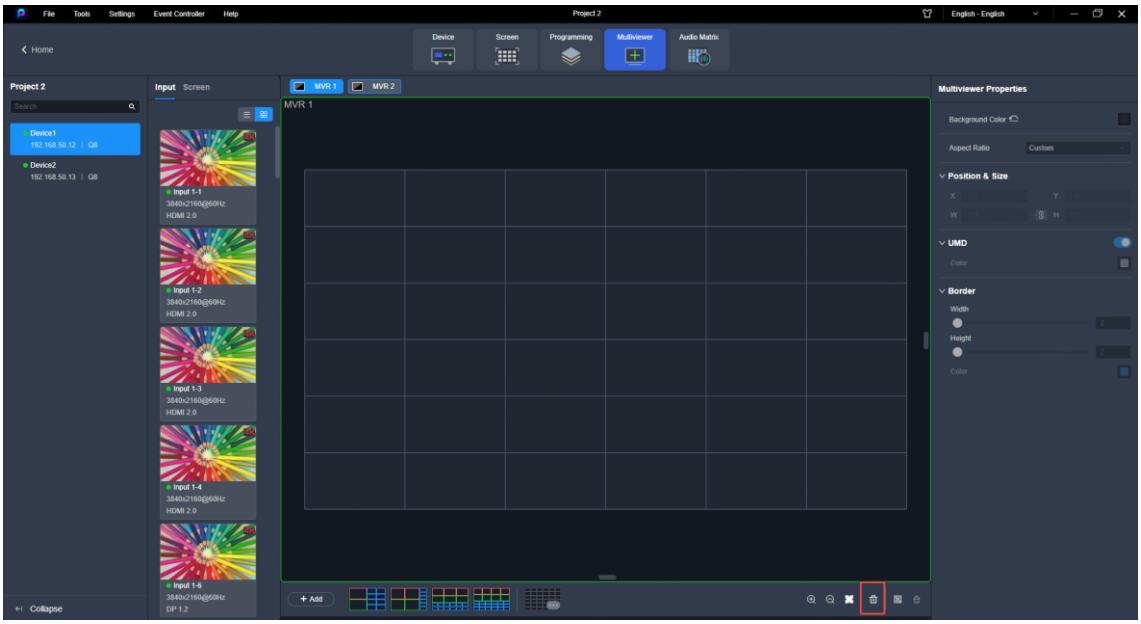
1.5.5 Optimized KeyFrame Basic Functionality

1.5.6 Optimized Image Loading Speed in Gallery

1.5.7 Optimized Sorting Order of Layer Preset Parameters

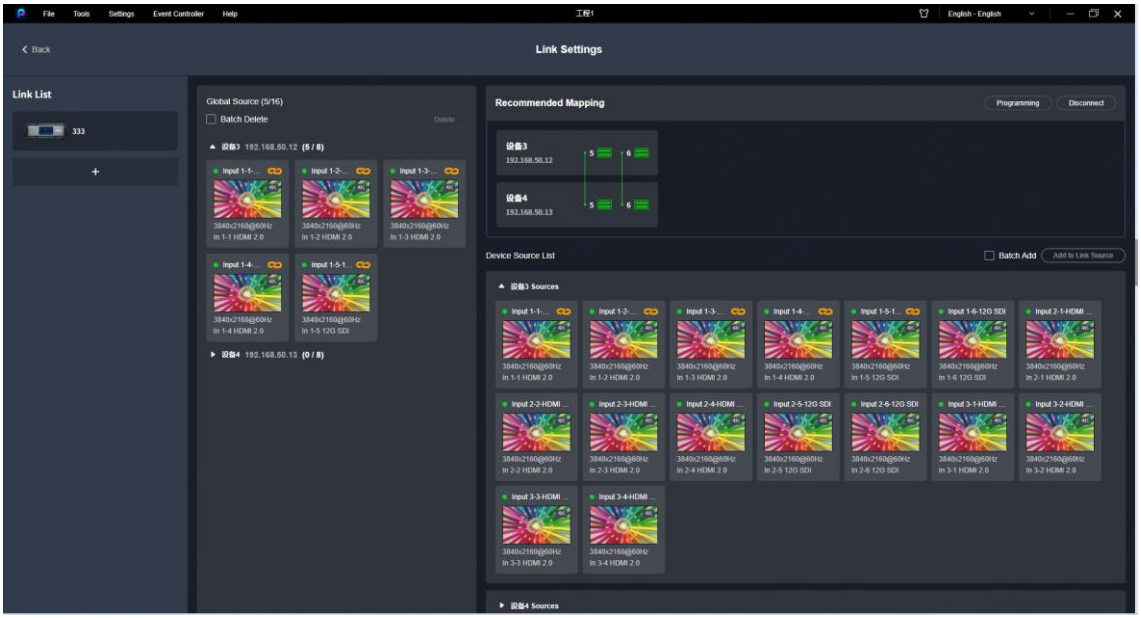


1.5.8 Optimized Clear Button Position for Multiviewer Templates



1.5.9 Removed Preset Loading Prompt and Optimized Rendering Logic to Improve Preset Loading Speed

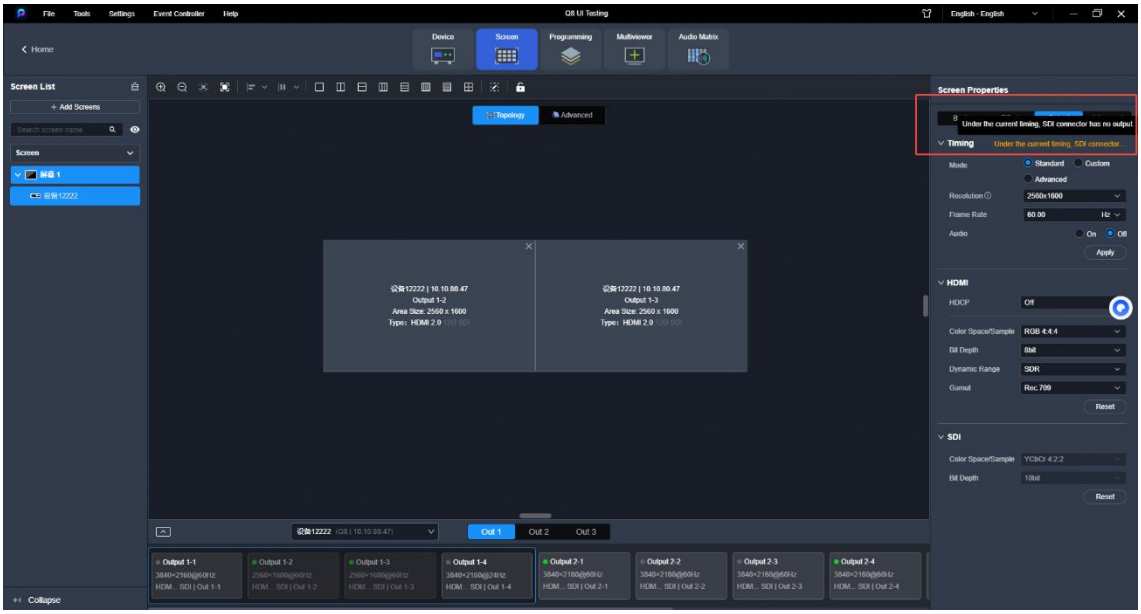
1.5.10 Optimized Link Interface Layout



1.5.11 Optimized Output Timing Prompt Message

Description

The prompt message for output timing has been changed from "At this timing" to "Under the current timing".



1.6 Changes

None

1.7 Bug Fixes

1. Fixed an issue where, when editing the event controller layout configuration, the property settings panel on the right would disappear after clicking the Reset button for MIDI configuration on a pressed button.
2. Fixed an incorrect value range for the gamma parameter of ST 2110 connectors.
3. Fixed an issue where PTZ cameras could not bind preset positions using the VISCA protocol on the smart screen of the event controller.
4. Fixed an issue where, after enabling the virtual pixel feature on a screen, the default position for layers opened on the event controller was displayed incorrectly.
5. Fixed a low-probability issue where device front panel picture might fail to display when the device list in the project interface on the event controller exceeded a single screen page (required scrolling to view all devices).
6. Fixed an issue where, after enabling the event controller Companion and displaying Companion configuration information on the buttons, the information would persist on the buttons even after Companion was disabled.
7. Fixed an issue within a single project where, with two devices in the uniform control mode and presets saved for both device screens, loading a preset would not show a blocked state, and repeated clicking would trigger a timeout error.
8. Fixed an issue with the incorrect display of the spacing level dropdown list for the connector test pattern, preventing adjustment of the spacing level.
9. Fixed an issue where, upon entering the screen test pattern interface which originally has no speed setting option, switching to another module and returning would cause an erroneous Speed option to appear on the interface.
10. Fixed an issue on the P80 device where the source list in the event controller's button area was missing the Flex-PGM and MVR sources.
11. Fixed an issue where, after a factory reset, changing the device network mode to HDCP would cause all devices to appear offline in the software.
12. Fixed an issue where, when connecting a Genlock signal generator to the Genlock in ports of two P80 devices and selecting Genlock as the sync source in the Uniform Control interface, the status would perpetually display as Syncing....
13. Fixed an issue where, within a project containing multiple devices, the expanded or collapsed state of the audio matrix was displayed incorrectly.
14. Fixed an issue where loading an empty preset with no layer information would not clear the layers displayed on AUX screens.
15. Fixed an issue where the properties panel would disappear after resetting MIDI settings on the simulation event controller.
16. Fixed an inconsistency on the P80's Link interface between the displayed connector numbers and the actual physical connections.

17. Fixed an issue where devices from different series could be added to the same project during simulation device startup.
18. Fixed an issue where PDFs containing special characters in their filenames could not be opened after being imported via the smart screen.
19. Fixed an issue where the shutdown confirmation prompt would repeatedly pop up on both the main software interface and the Companion interface when clicking the shutdown button on the event controller.
20. Fixed an issue where the software interface would enter a split-screen mode and could not be restored when frequently switching between MVR and Companion on the U5 Pro event controller.

1.8 Notes

1. After switching the device working mode, re-import the EDID file.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
3. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
4. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
5. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.
6. If your computer has antivirus software installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.
7. Project files from versions earlier than PixelFlow V1.7.0 cannot be imported into PixelFlow V1.7.0 and later versions.
8. The test tool only supports Windows operating systems.
9. If your U5 or U5 Pro is V1.8.0 or later and you wish to revert to a version earlier than V1.7.1, you must first downgrade to V1.7.1, and subsequently downgrade to your desired version.
10. If you have installed PixelFlow V1.8.0 or later and wish to revert to a version earlier than V1.7.1, you must firstly uninstall PixelFlow, and subsequently install your desired version.
11. If your U5 or U5 Pro is V1.7.1 or earlier and you wish to update to a version later than V1.8.0, you must first update to V1.7.1, and subsequently update to your desired version.
12. If your event controller does not support the preview of PDF files on the smart screen, please contact our technical support to update to the new system.
13. The layer effects in the Programming module are simulated previews and may differ from the actual output. The final result is determined by the actual output.
14. Project files created in a newer software cannot be imported into devices of an older version.

2 Previous Versions

2.1 V1.9.0

2.1.1 Software Version

PixelFlow V1.9.0

2.1.2 Supporting Event Controllers

U5 V1.9.0

U5 Pro V1.9.0

2.1.3 Supporting Presentation Switchers

P80 V1.1.2

Q8 V1.9.0

P20&P20-DS V1.7.1

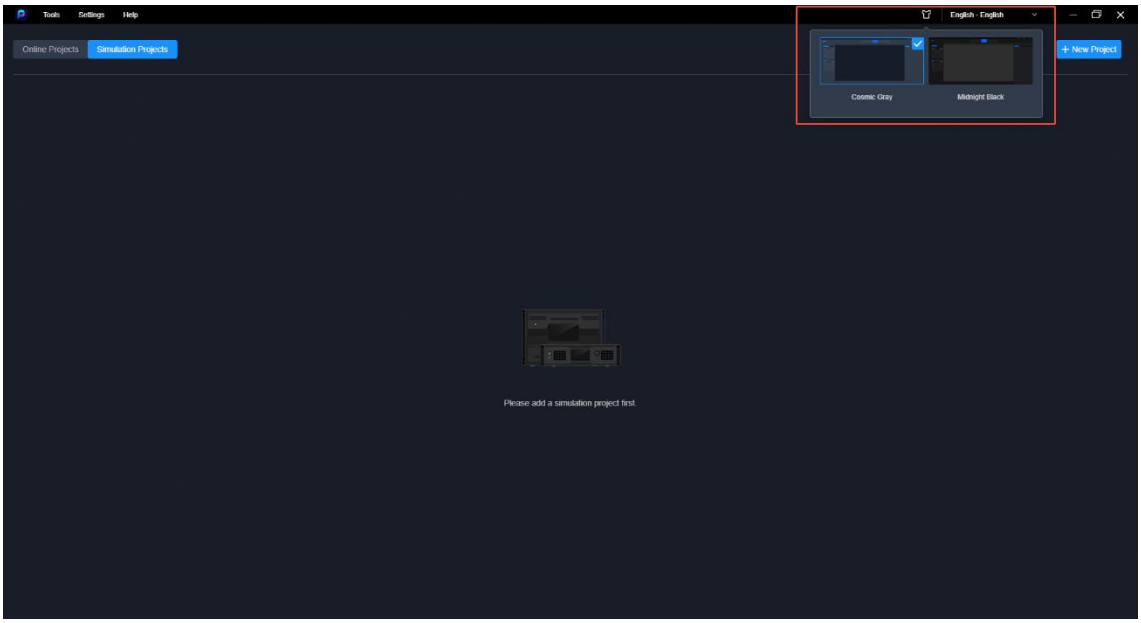
P10 V1.7.1

2.1.4 New Features

2.1.4.1 Software Skin Change Function

Description

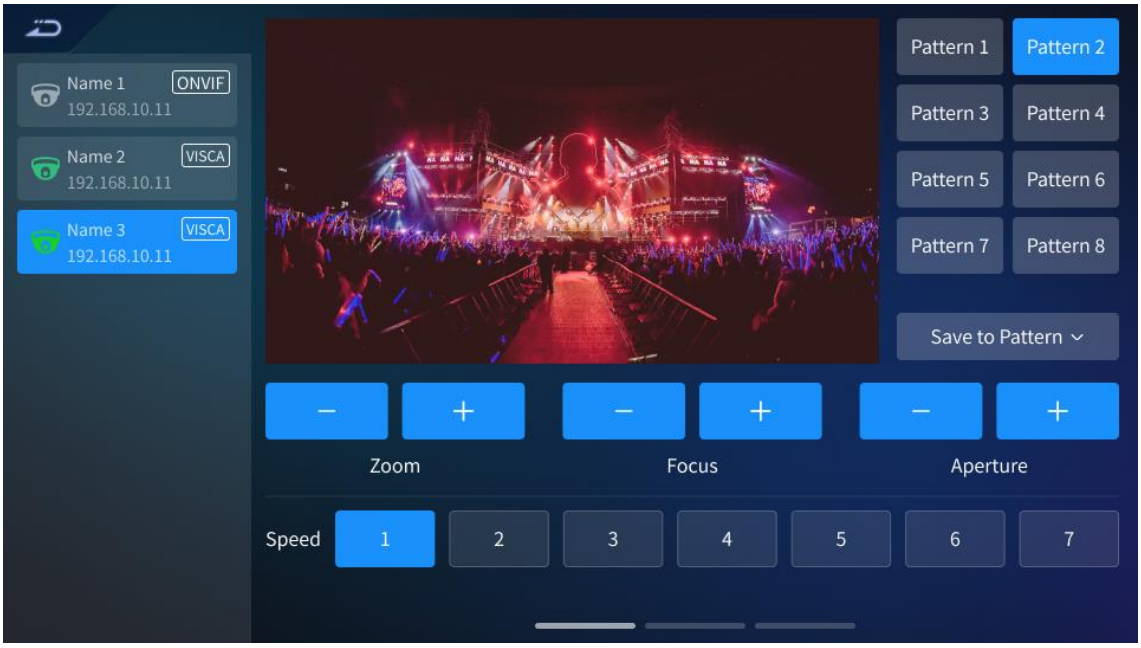
Support two skin themes: Cosmic Gray and Midnight Black.



2.1.4.2 PTZ Function Migration to Smart Screen

Description

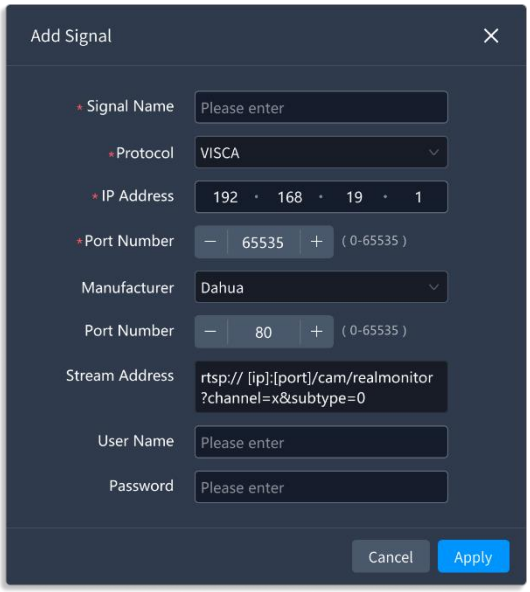
The PTZ operations have been migrated to the smart screen, with enhanced PTZ settings for VISCA protocol.



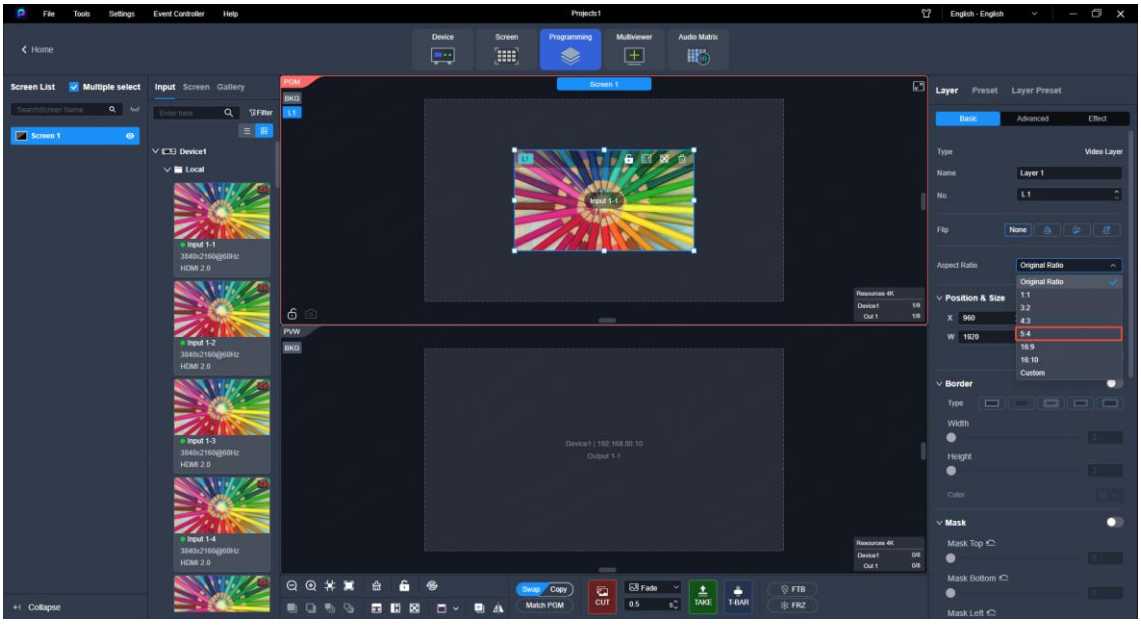
2.1.4.3 PTZ Support for VISCA Protocol

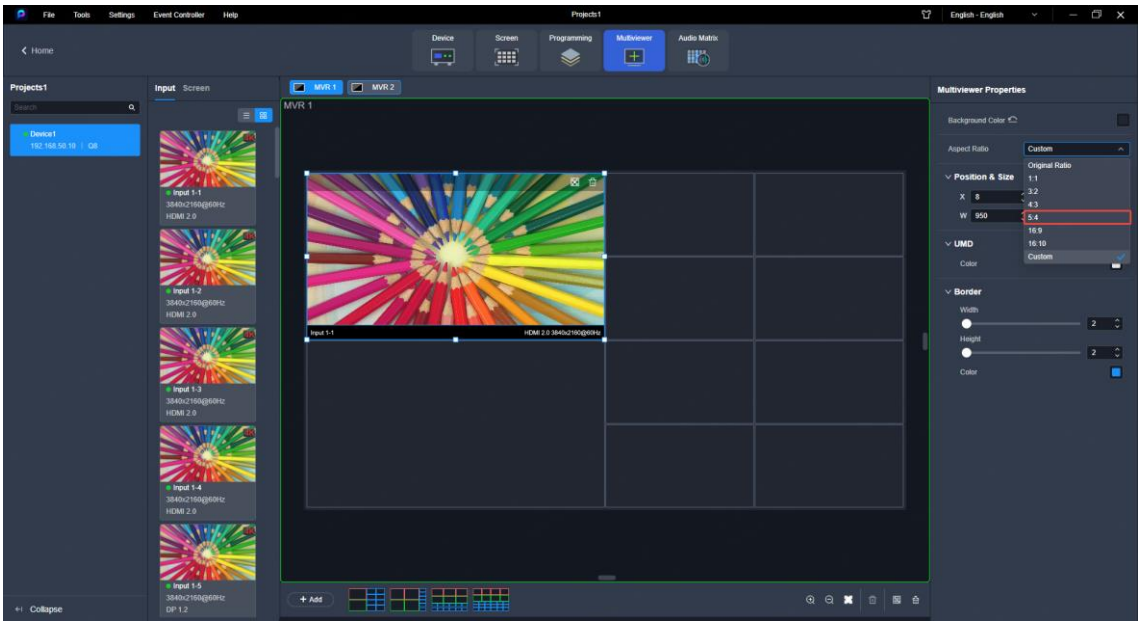
Description

The configuration for a new PTZ now supports the VISCA protocol.



2.1.4.4 5:4 Layer Ratio

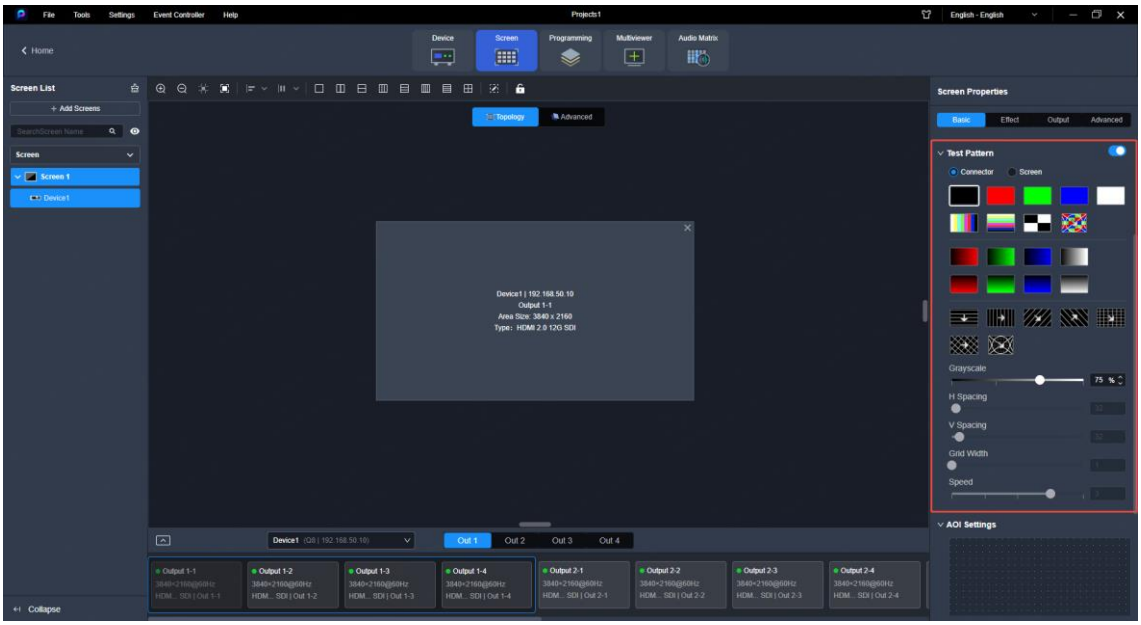


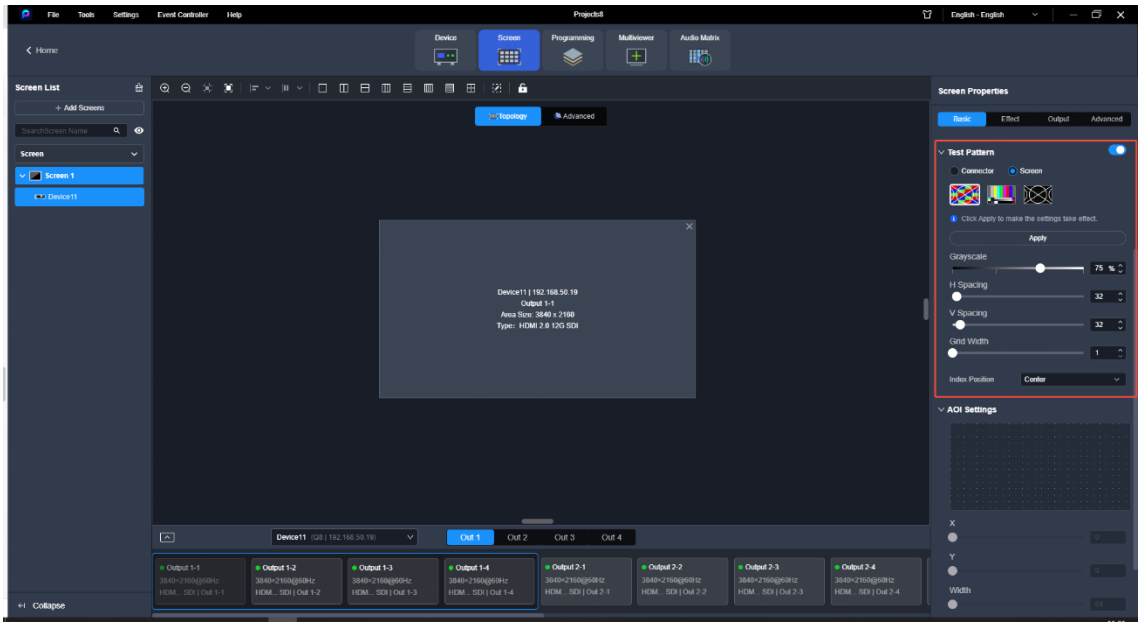


2.1.4.5 New Test Pattern

Description

Support selection of test pattern types, supporting connector and screen test patterns.



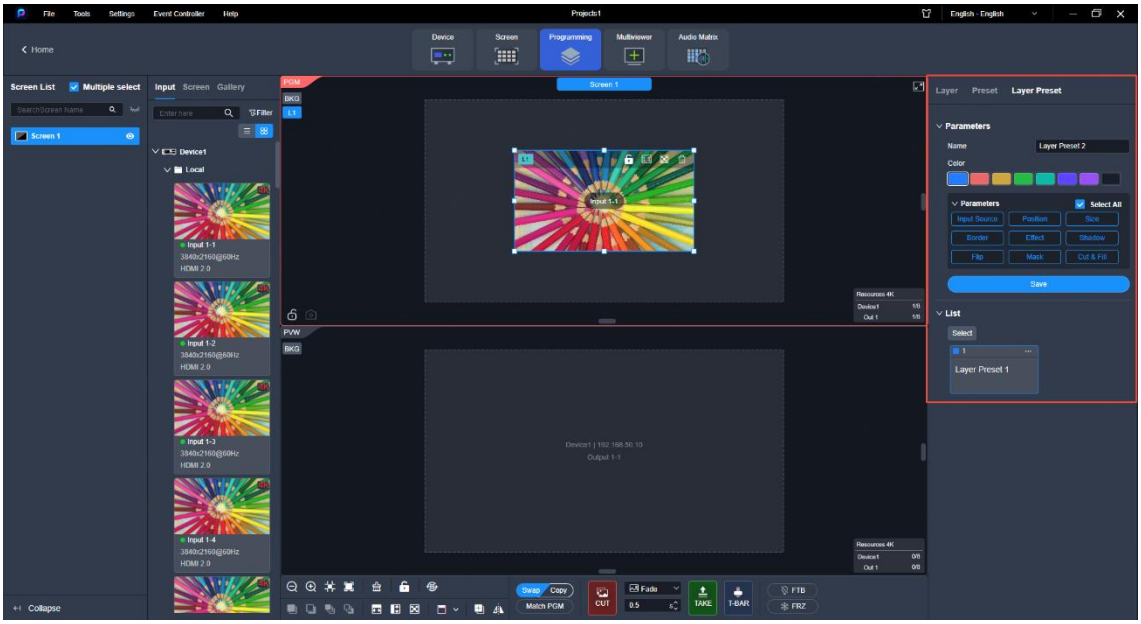


2.1.5 Improvements

2.1.5.1 Layer Preset Optimization

Description

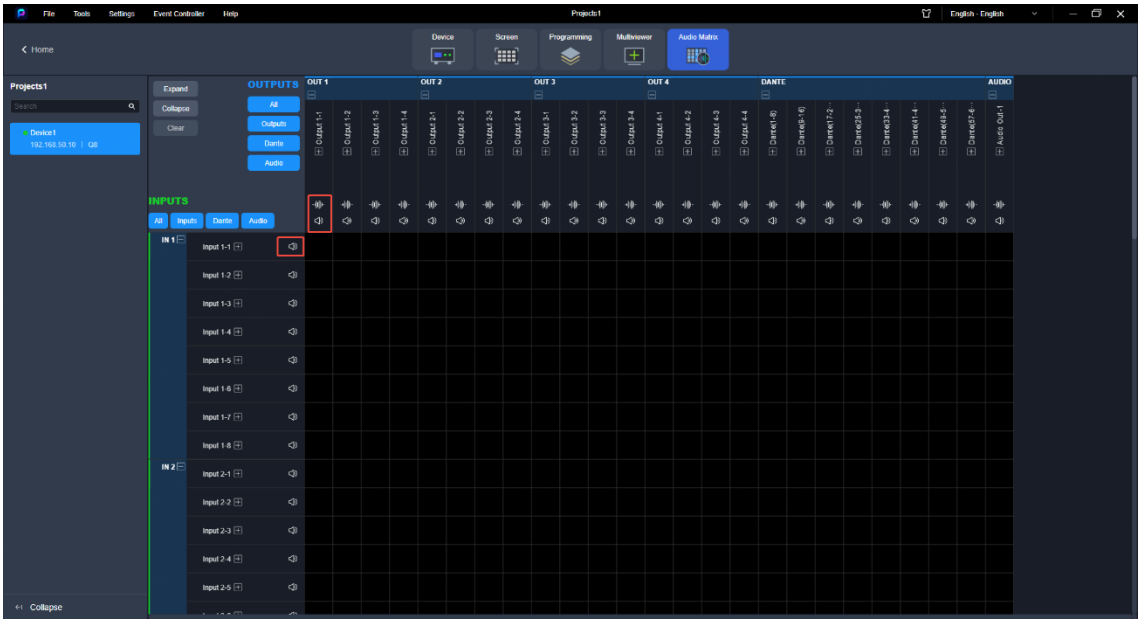
- Increased the color block size.
- Enhanced the display of layer preset titles.
- Refined the parameter order.
- Improved the color block style.



2.1.5.2 Audio Matrix Interface Optimization

Description

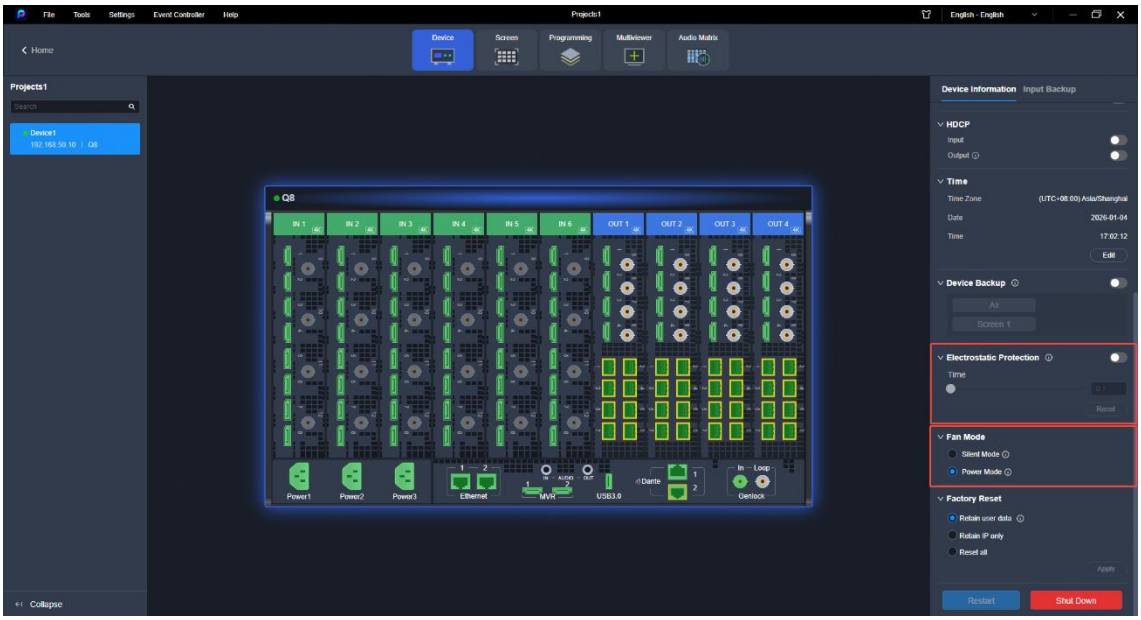
- Modified the mute function icon.
- Enlarged the test sound layer.



2.1.5.3 Device Interface Optimization

Description

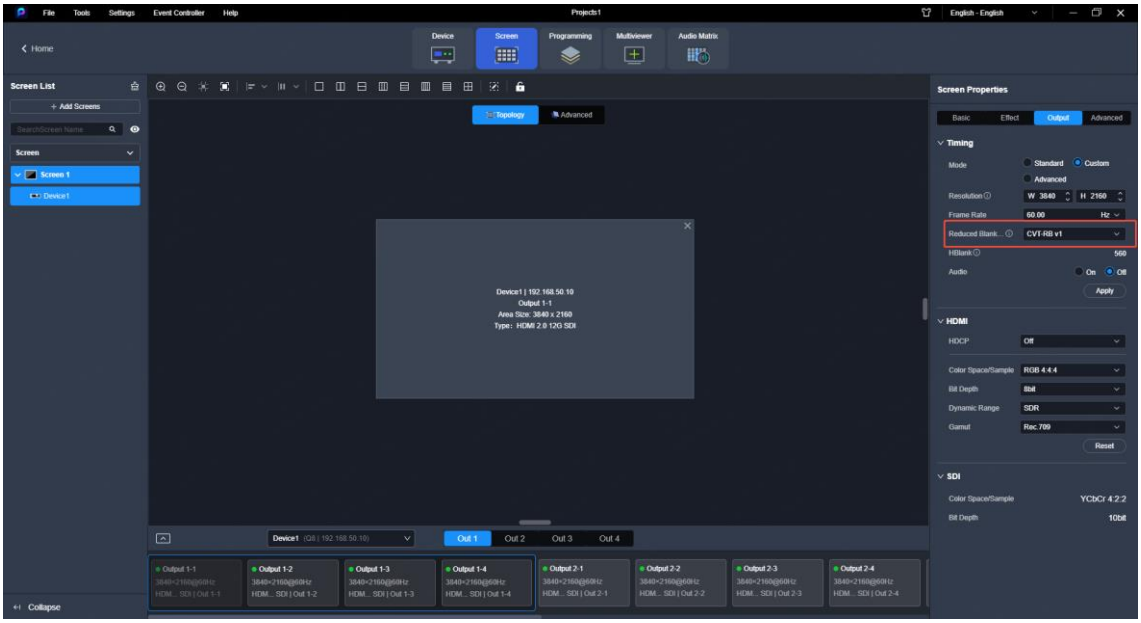
- Changed the antistatic function name.
- Revised the fan mode option name.



2.1.5.4 Default Value Optimization for Custom Resolutions

Description

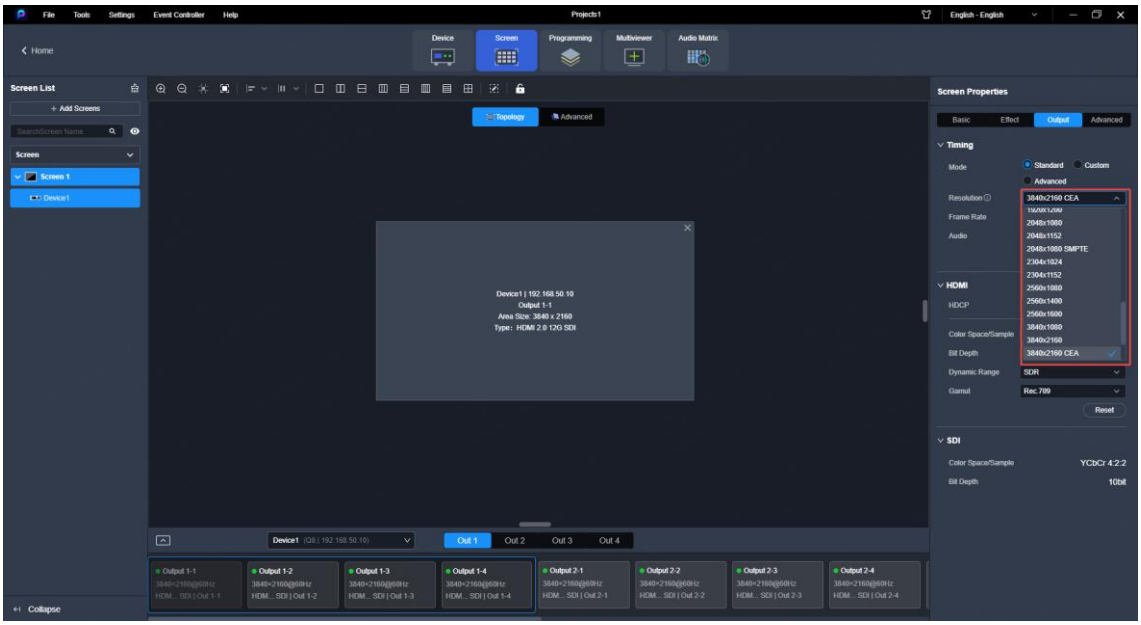
Default value changed to CVT-RB v1.



2.1.5.5 Standard EDID List Generic Suffix Optimization

Description

Removed the generic suffix from the standard EDID list.



2.1.6 Changes

None

2.1.7 Bug Fixes

21. Fixed a rare issue where the event controller's Take function was ineffective.
22. Fixed a problem where, after switching languages on the event controller, source drop prompts remained in the previous language.
23. Fixed the issue where, in the Q8 dual monitoring mode, adjusting the layer size via the right properties panel or using the full screen button would cause the same source layer to exceed the screen boundaries.
24. Fixed an issue preventing entry into the device when simulation and physical device IPs conflict.
25. Rectified an error in drawing the last Multiviewer template grid in splicer mode when operating P20 and P20-DS devices.
26. Fixed an issue where the PGM display got stuck after applying a Multiviewer template on the Q8 device and deleting a screen layer.
27. Fixed a rare issue where the option of retaining IP only or resetting all is selected during factory reset, with the screen not being selected by default.
28. Fixed a rare issue where the sorting of the event controller layer buttons became disordered after renaming a layer.
29. Fixed an issue where, after adjusting the T-Bar to the center and restarting the device, the software's T-Bar still appeared centered.
30. Fixed an issue where clicking an already selected device at the bottom of the Screen interface results in its deselection.
31. Fixed a rare issue on Mac where reopening PixelFlow displayed an "Unable to open PixelFlow application" error.

32. Fixed an issue where the software did not automatically launch after the event controller update and restart.
33. Fixed an issue where the Companion management feature could not be enabled when the Companion switch in the event controller was unchecked.
34. Fixed an issue where P20-DS project files incorrectly allowed selection of P20 devices during import.

2.1.8 Notes

15. After switching the device working mode, re-import the EDID file.
16. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
17. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
18. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
19. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.
20. If your computer has antivirus software installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.
21. Project files from versions earlier than PixelFlow V1.7.0 cannot be imported into PixelFlow V1.7.0 and later versions.
22. The test tool only supports Windows operating systems.
23. If your U5 or U5 Pro is V1.8.0 or later and you wish to revert to a version earlier than V1.7.1, you must first downgrade to V1.7.1, and subsequently downgrade to your desired version.
24. If you have installed PixelFlow V1.8.0 or later and wish to revert to a version earlier than V1.7.1, you must firstly uninstall PixelFlow, and subsequently install your desired version.
25. If your U5 or U5 Pro is V1.7.1 or earlier and you wish to update to a version later than V1.8.0, you must first update to V1.7.1, and subsequently update to your desired version.
26. If your event controller does not support the preview of PDF files on the smart screen, please contact our technical support to update to the new system.
27. Project files from versions earlier than PixelFlow V1.9.0 are mutually incompatible between the P20 and P20-DS models. Forced import will fail and trigger an error message.

2.2 V1.8.0

2.2.1 Software Version

PixelFlow V1.8.0

2.2.2 Supporting Event Controllers

U5 V1.8.0

U5 Pro V1.8.0

2.2.3 Supporting Presentation Switchers

P80 V1.1.1

Q8 V1.8.0

P20&P20-DS V1.7.1

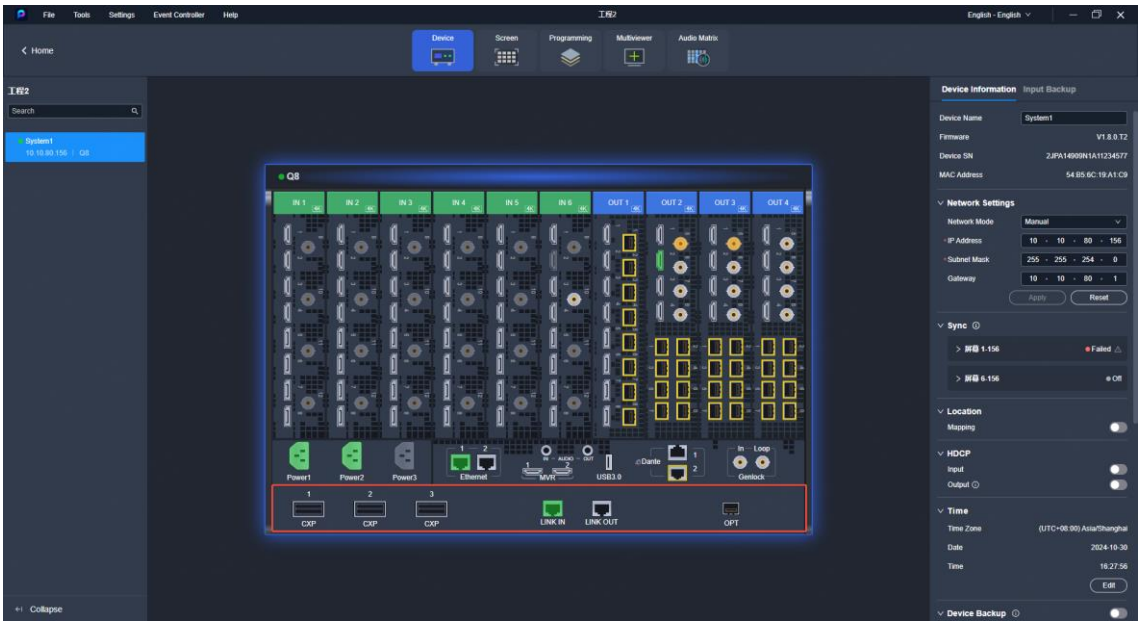
P10 V1.7.1

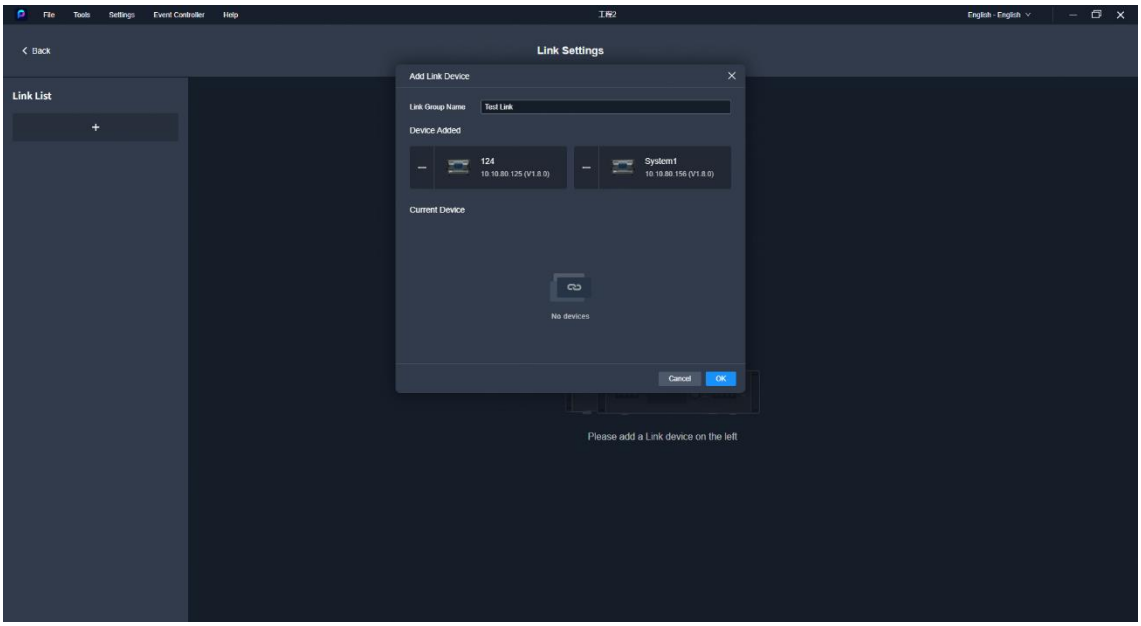
2.2.4 New Features

2.2.4.1 Q8: Dual-Device Link Functionality

Description

Enables link between two device units. Once linked, input sources can be shared by creating link sources between the devices. The function includes the following operations: Add, edit, disconnect, add global source, and delete global source.

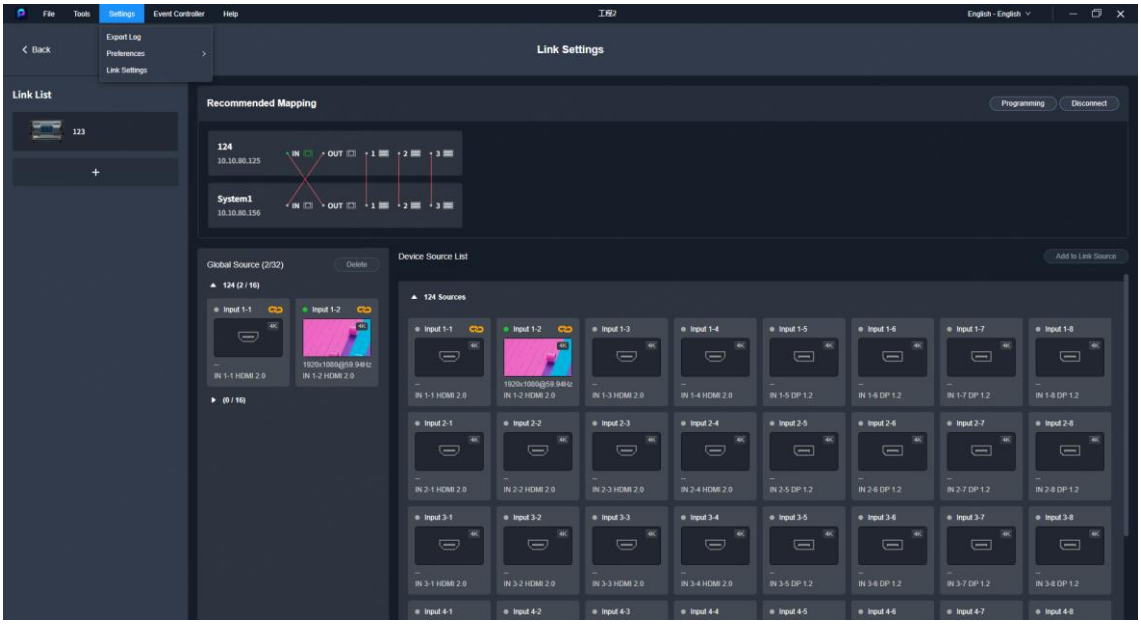




2.2.4.2 Q8: Link Source

Description

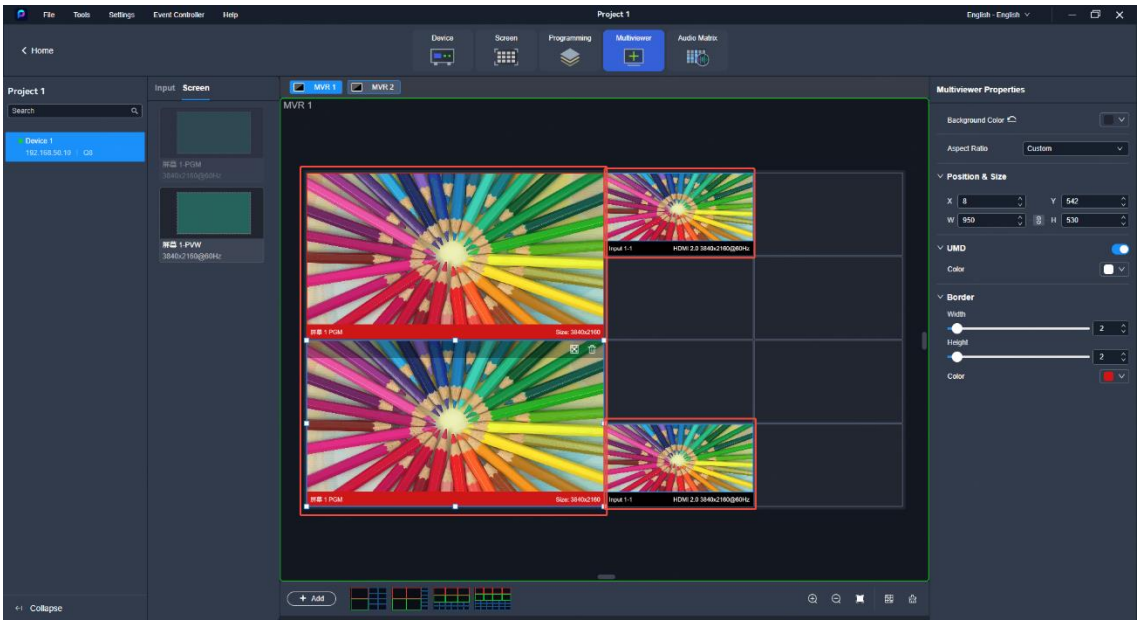
Allows the link sources as the global source.



2.2.4.3 Q8: Dual Monitoring of Inputs and Screens

Description

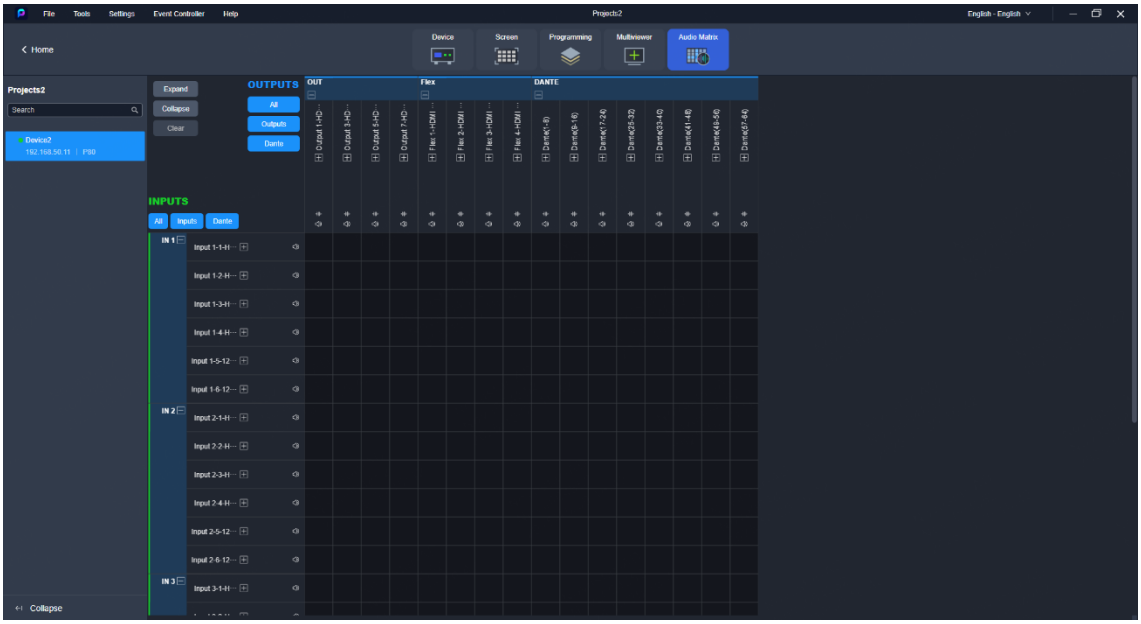
Both inputs and screens support dual monitoring.



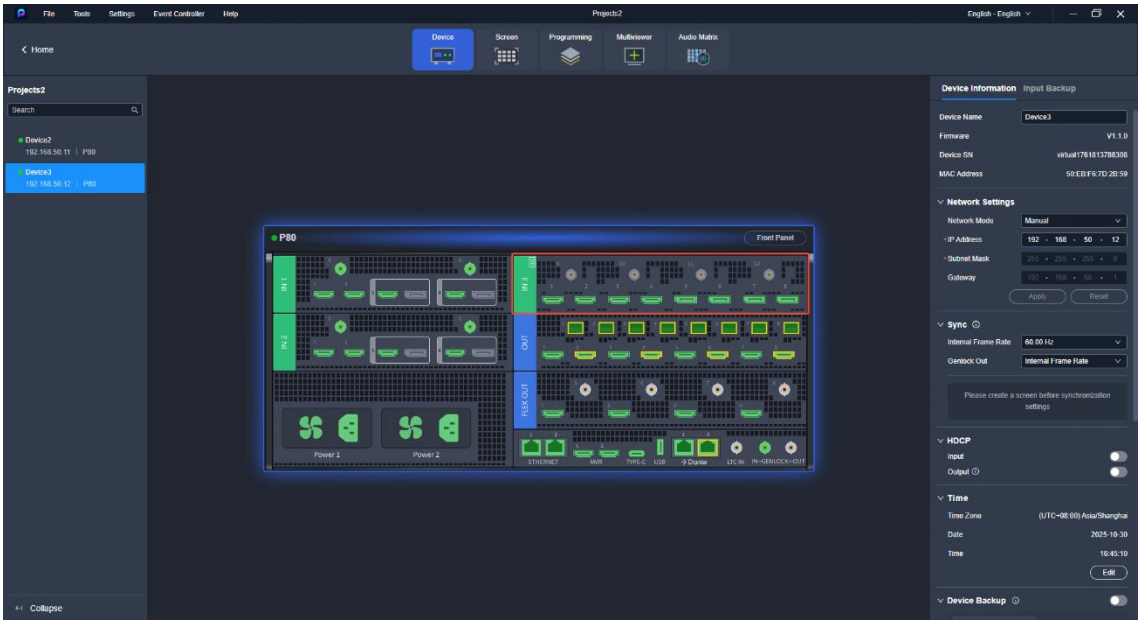
2.2.4.4 Q8: Global Source Hot Backup



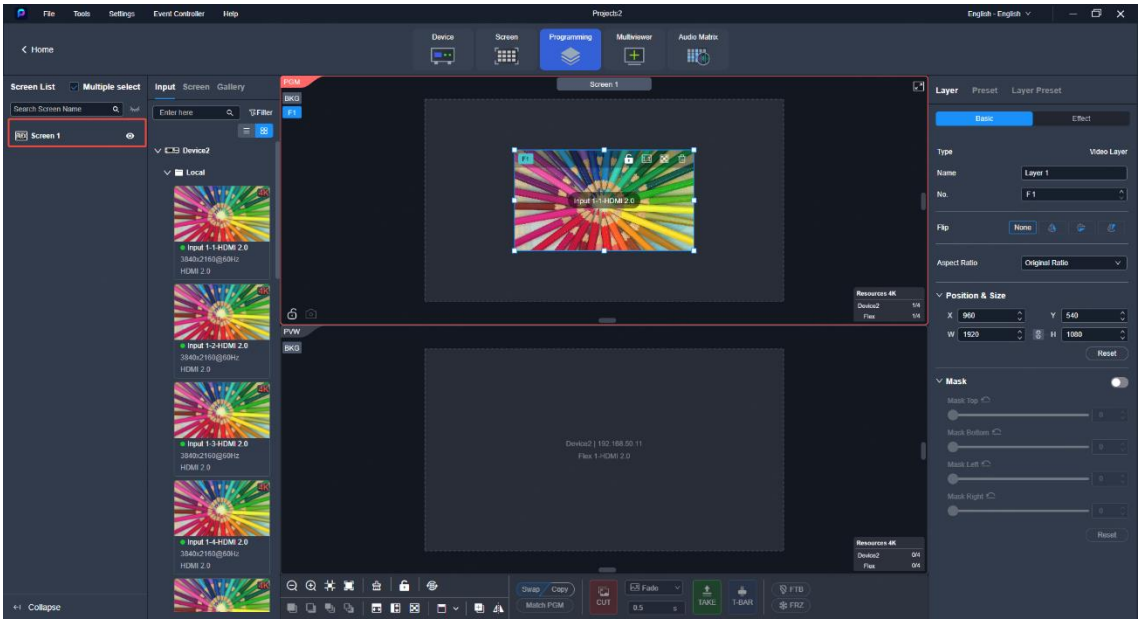
2.2.4.5 P80: Dante Audio Matrix

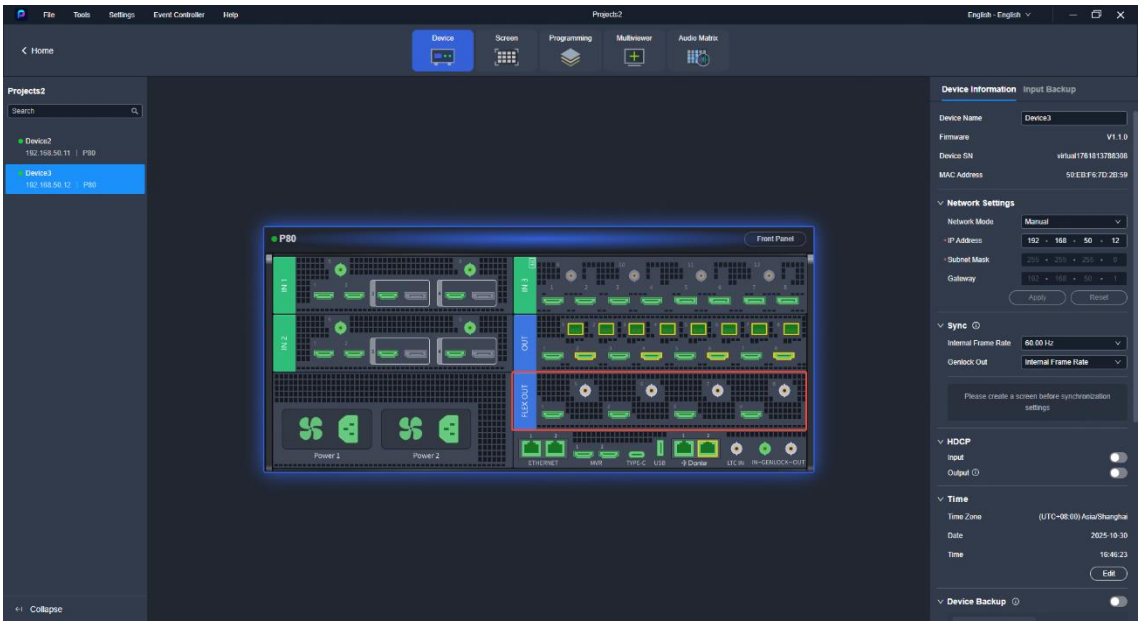


2.2.4.6 P80: Compatible with Q8 Input Card

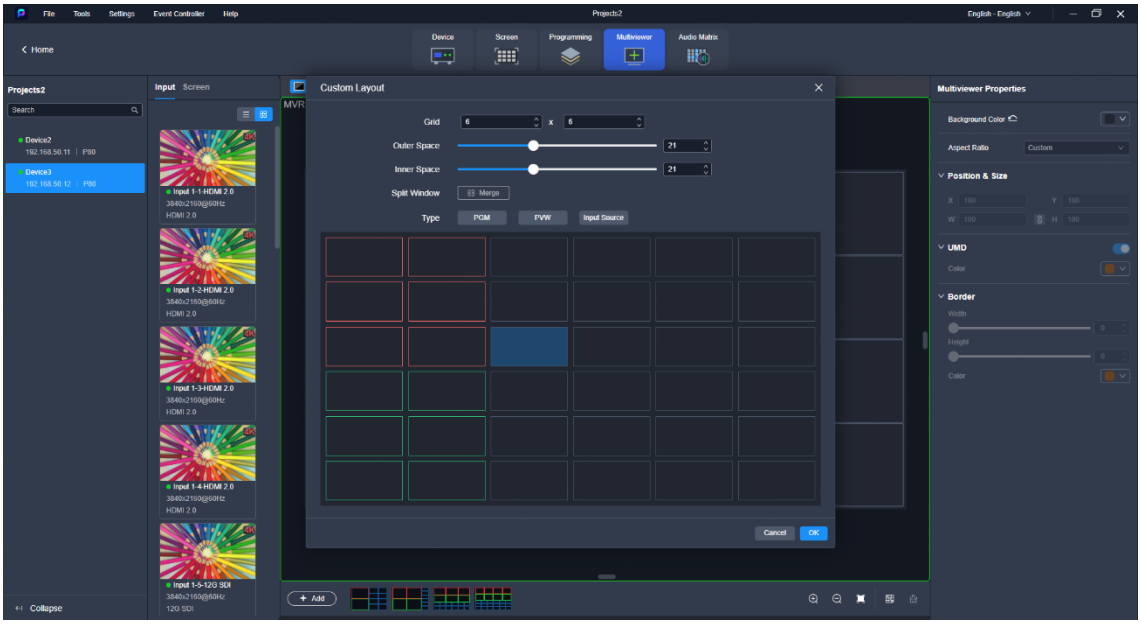


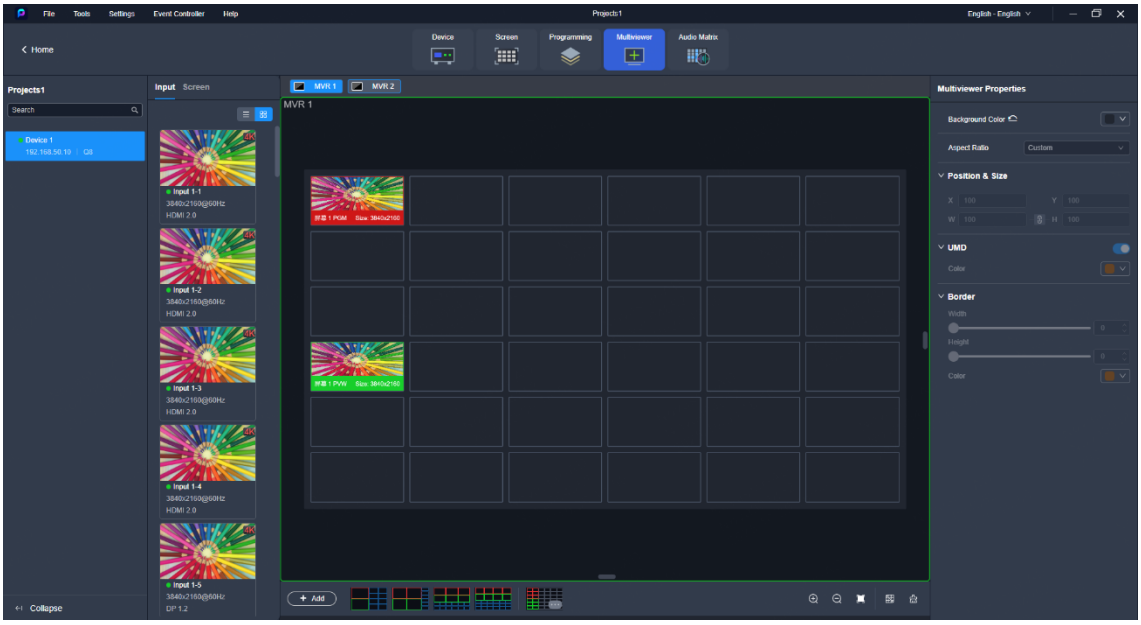
2.2.4.7 P80: Flex Out Layer Support



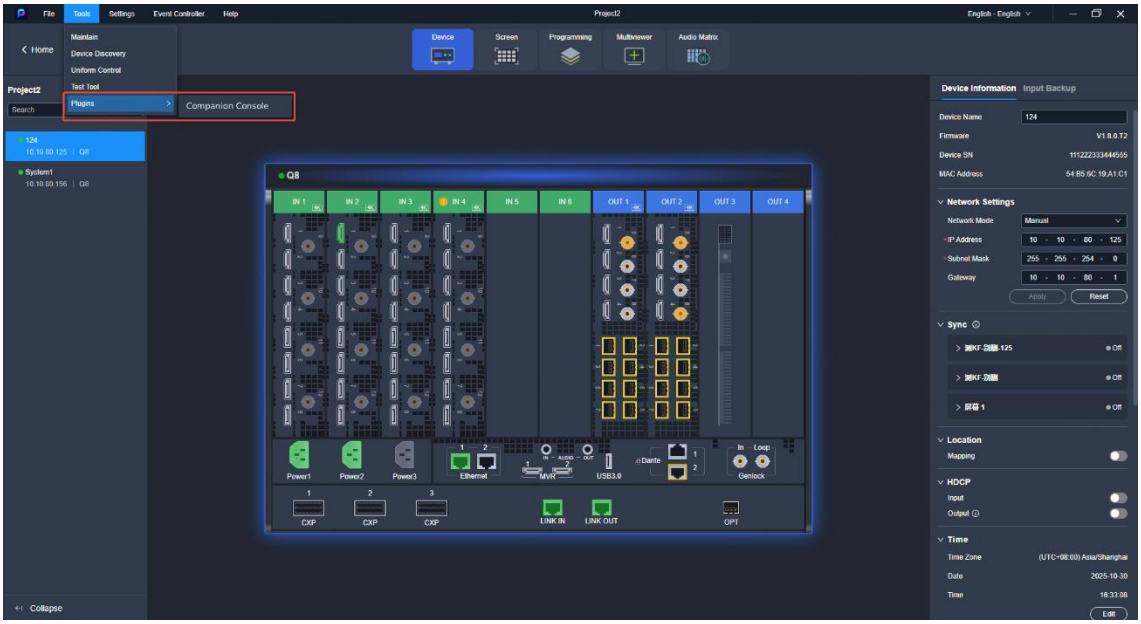


2.2.4.8 Q8, P80: Custom MVR Layout

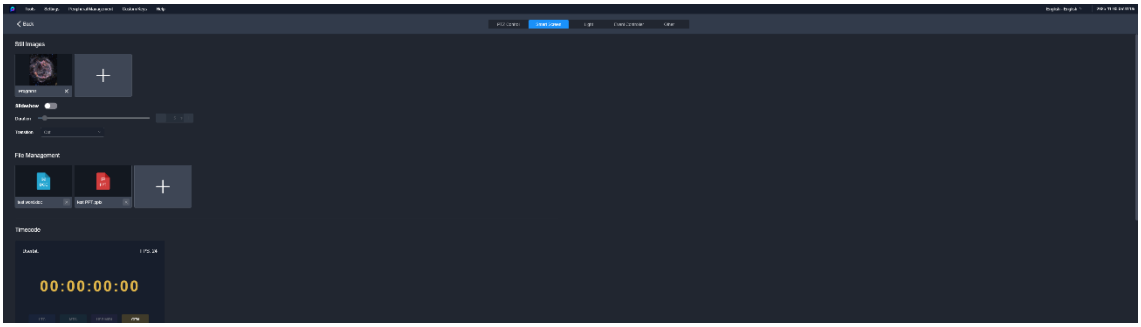


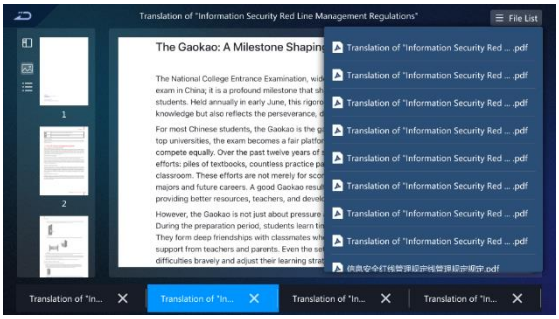


2.2.4.9 Event Controller Integration with Companion



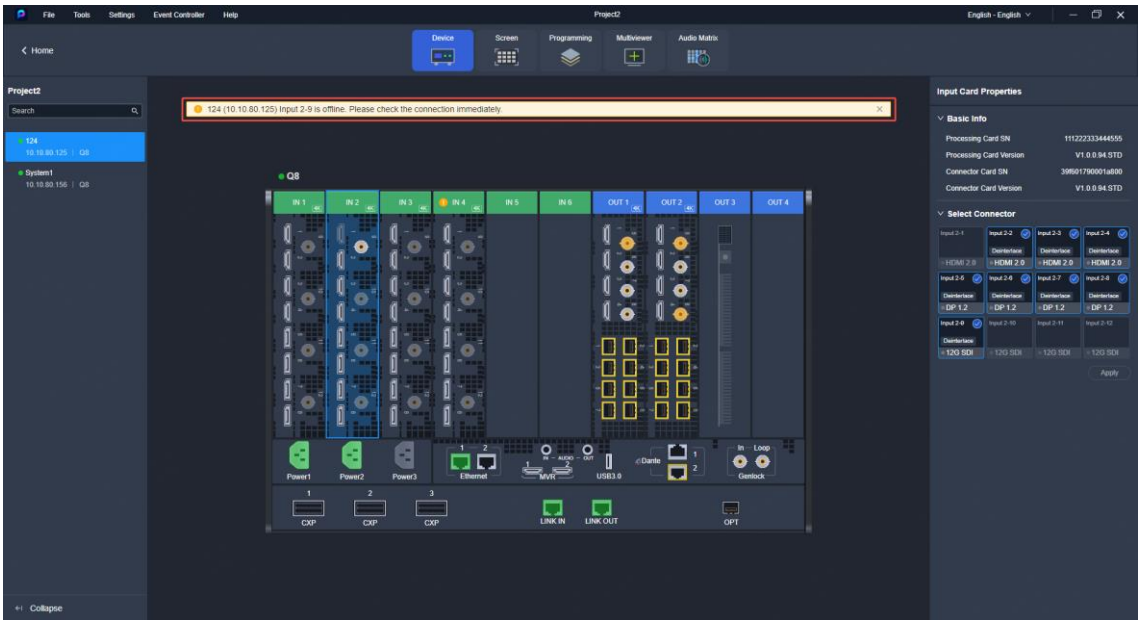
2.2.4.10 Smart Screen File Preview



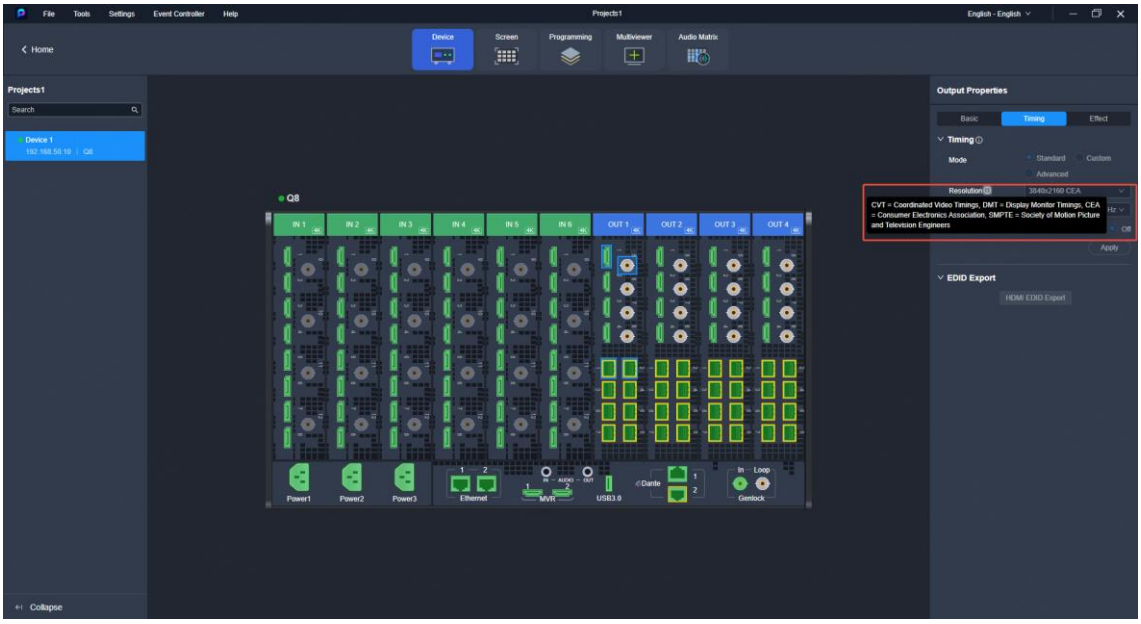




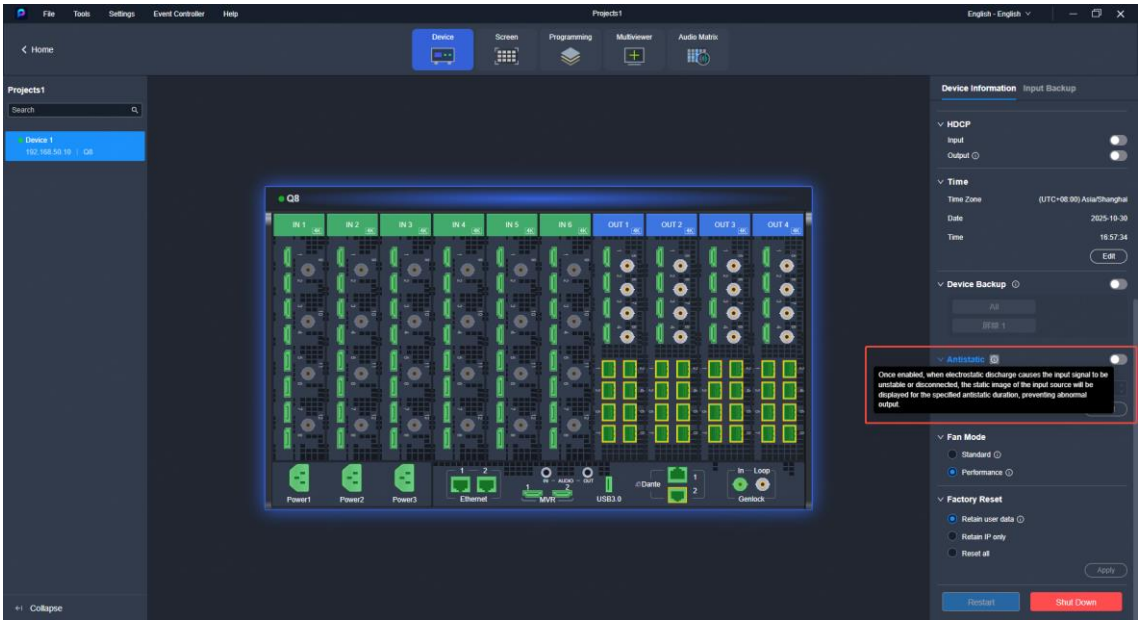
2.2.4.11 Source Offline Prompt



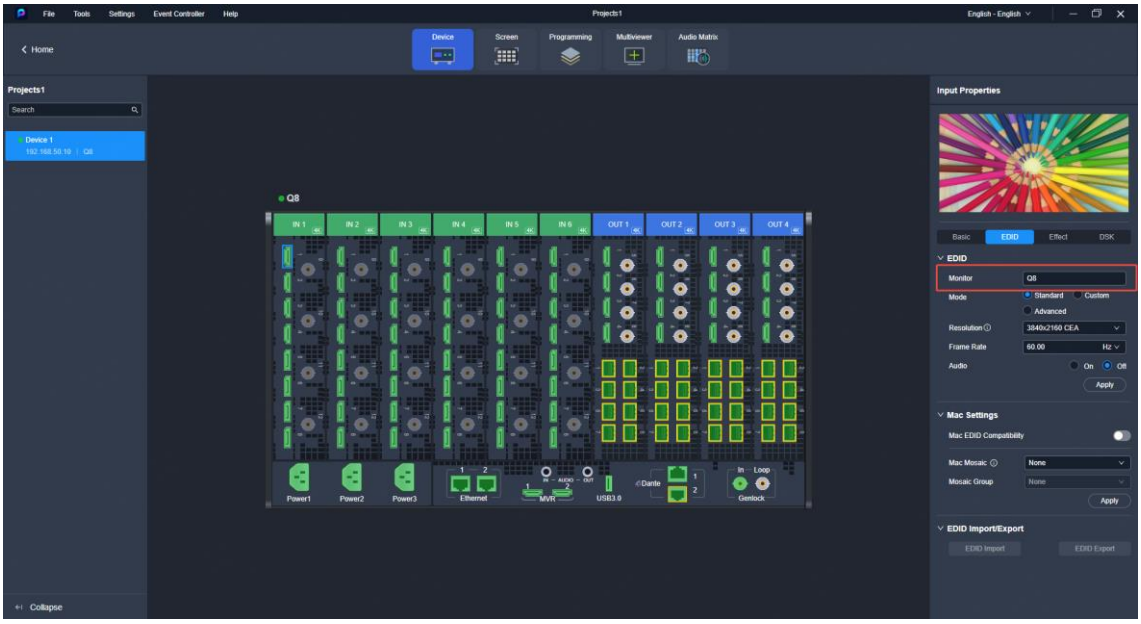
2.2.4.12 Resolution Suffix Description



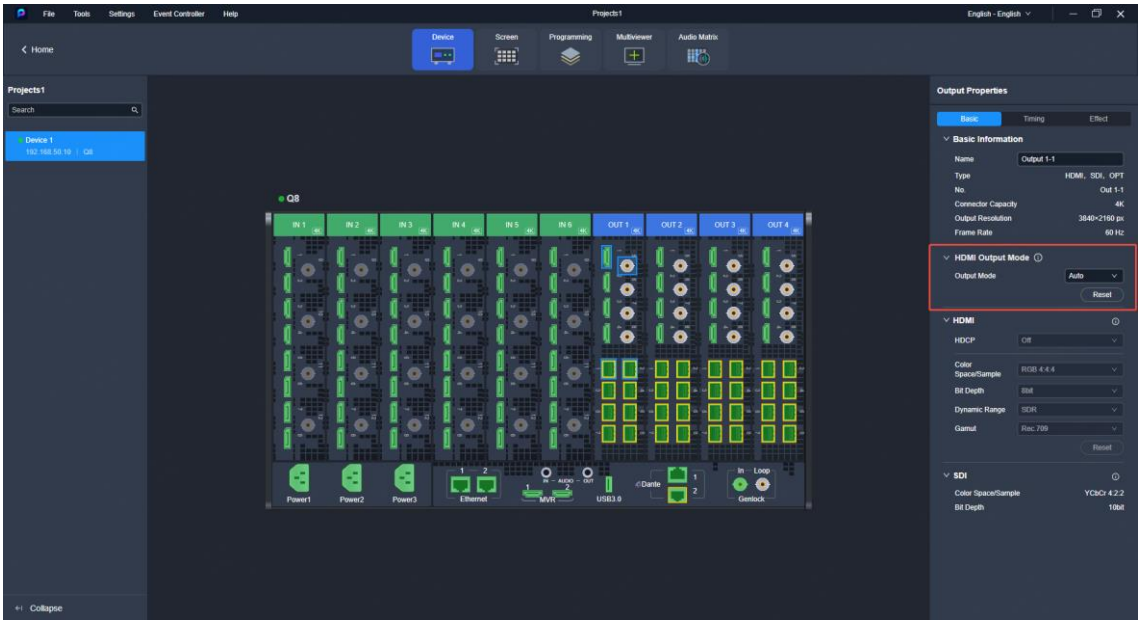
2.2.4.13 Antistatic Description



2.2.4.14 EDID Monitor Name



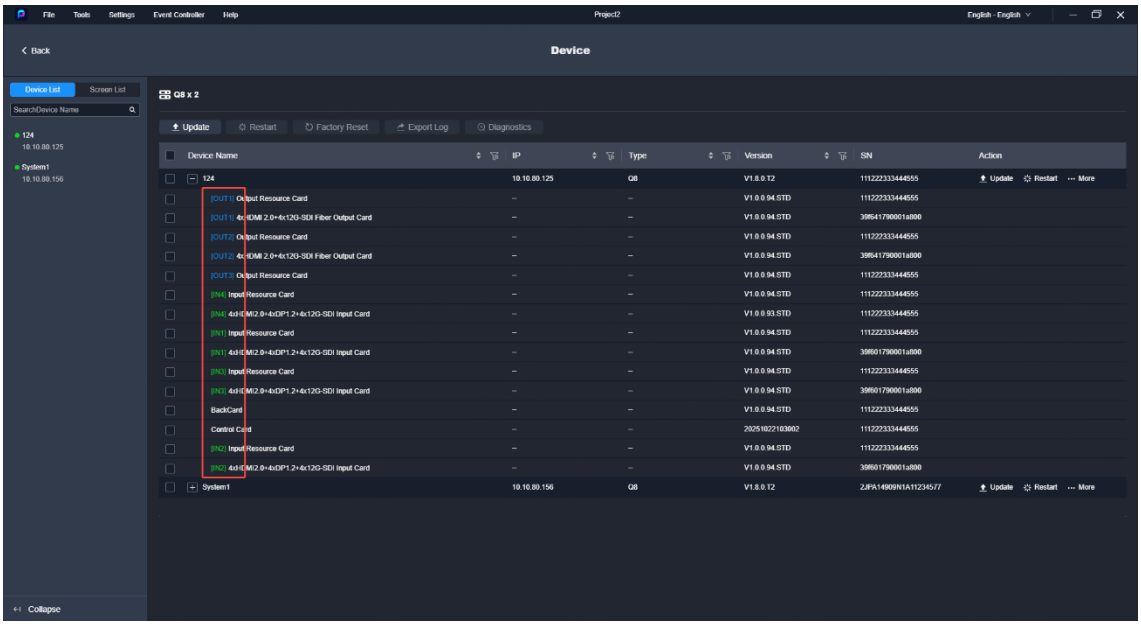
2.2.4.15 Q8: Output Connector Driver Mode Selection



2.2.4.16 Card Slot Information on Update Interface

Description

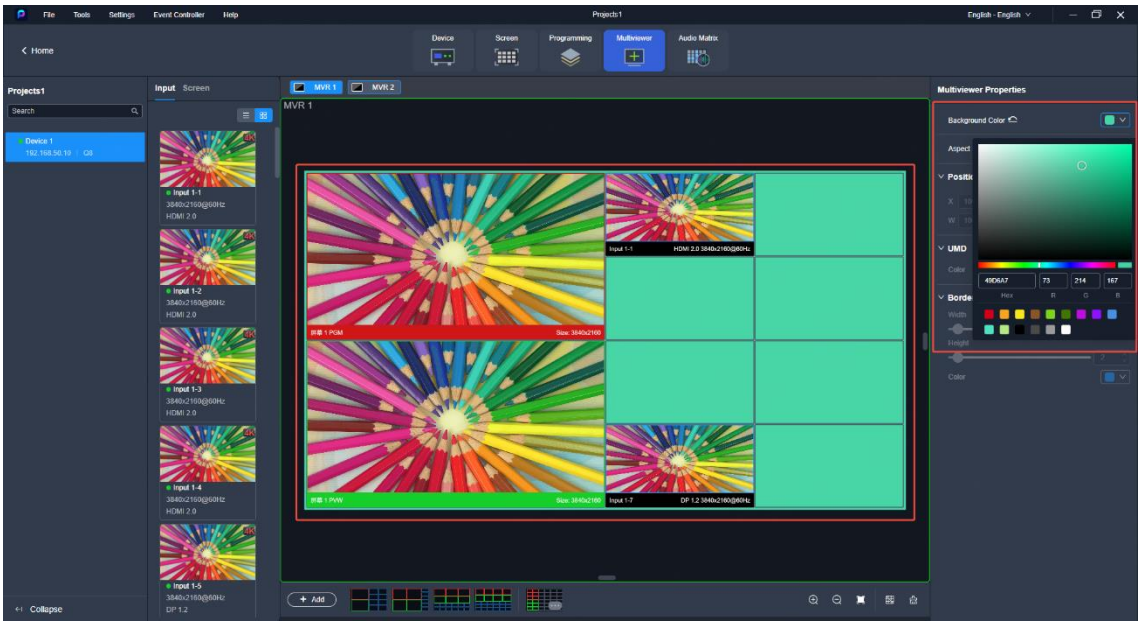
Displays the slot numbers and types on the update interface.



2.2.4.17 Multiviewer Background Color Adjustment

Description

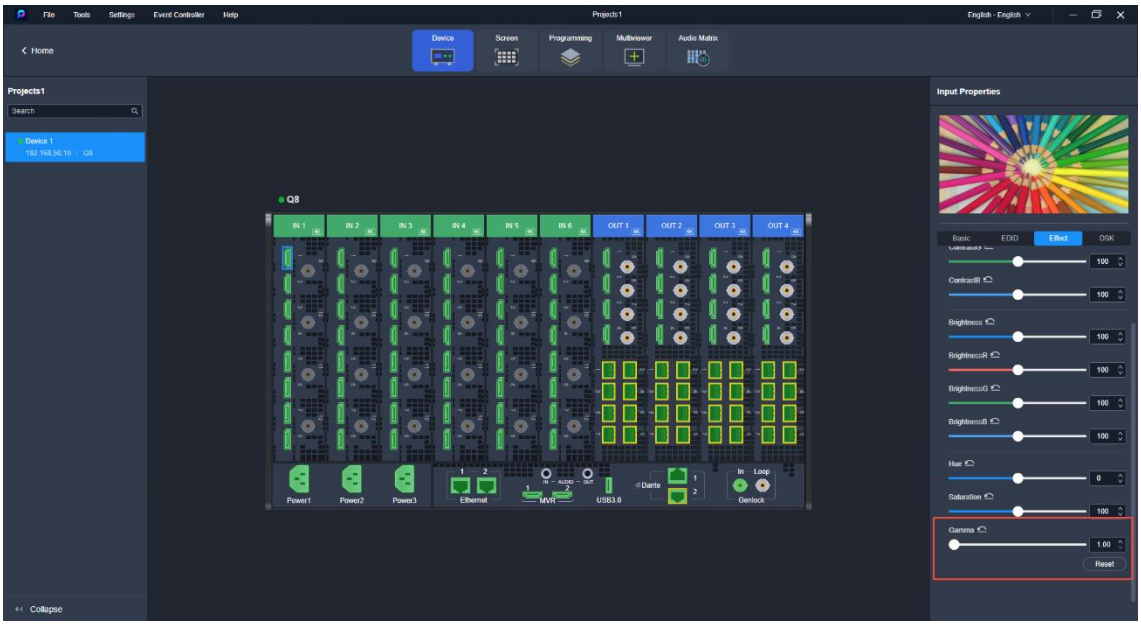
Supports the background color adjustment of Multiviewer.

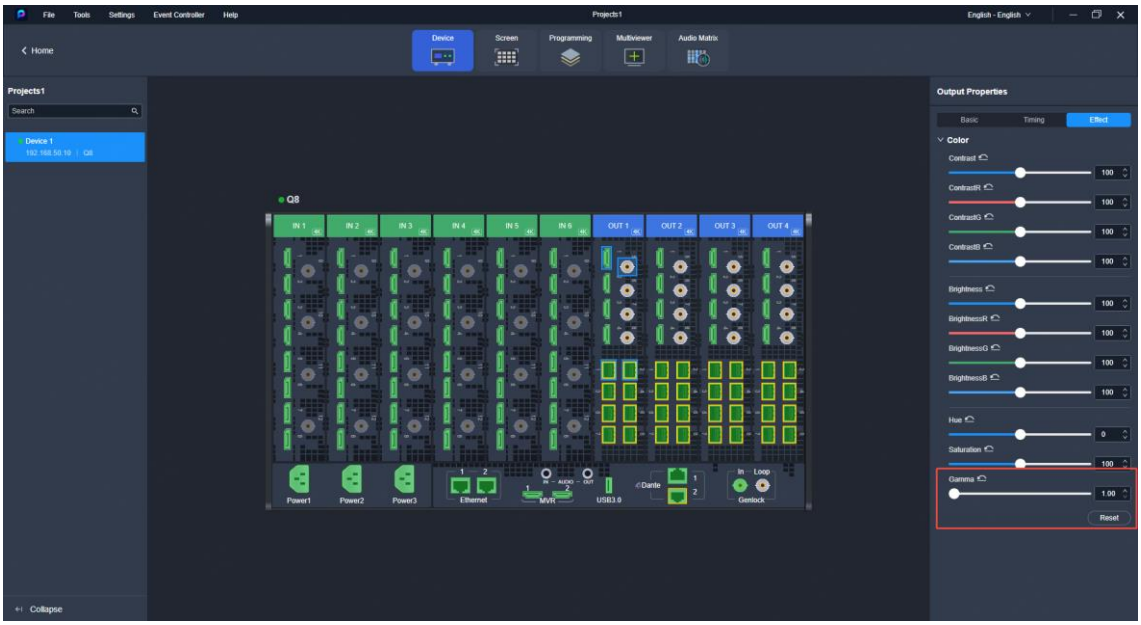


2.2.4.18 Q8, P80: Input and Output Gamma Adjustment

Description

Supports the gamma adjustment for inputs and outputs.

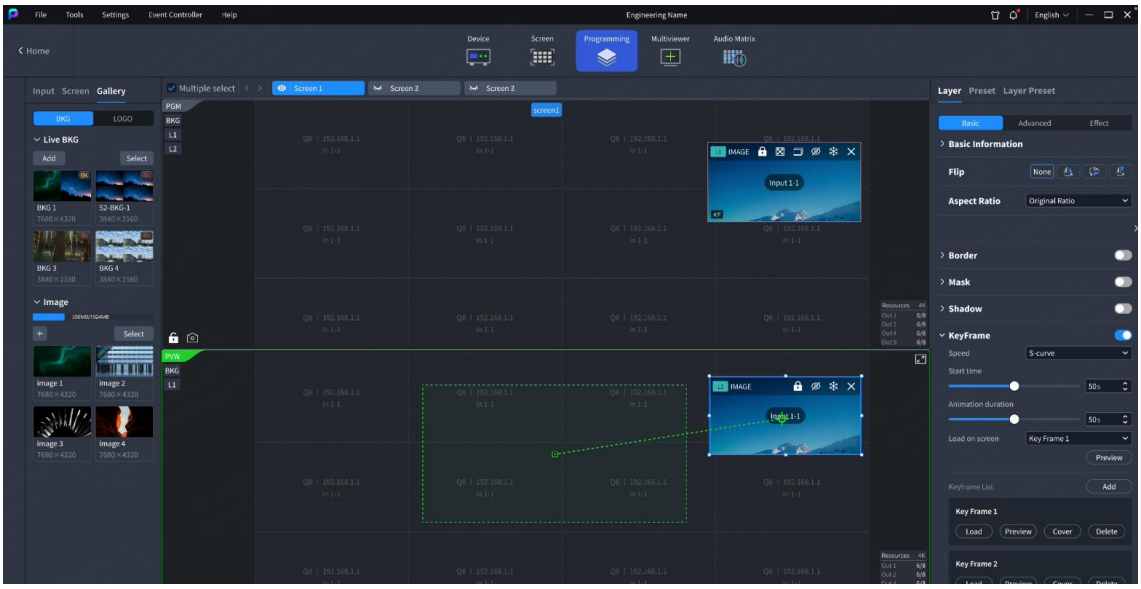




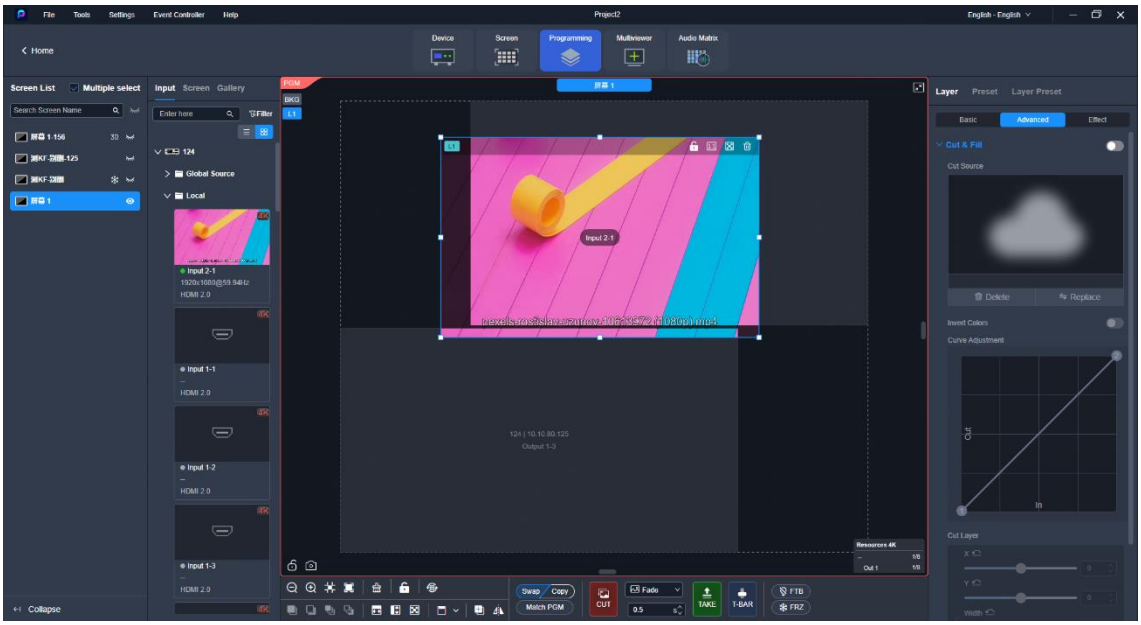
2.2.4.19 KeyFrame Effect

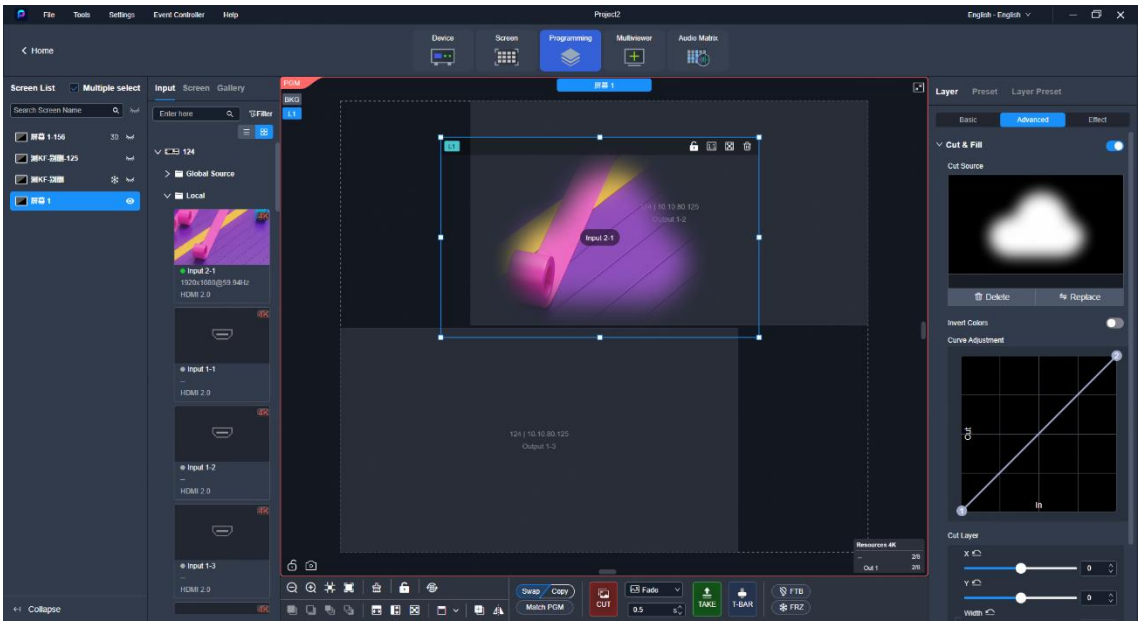
Description

The software supports the KeyFrame effect.

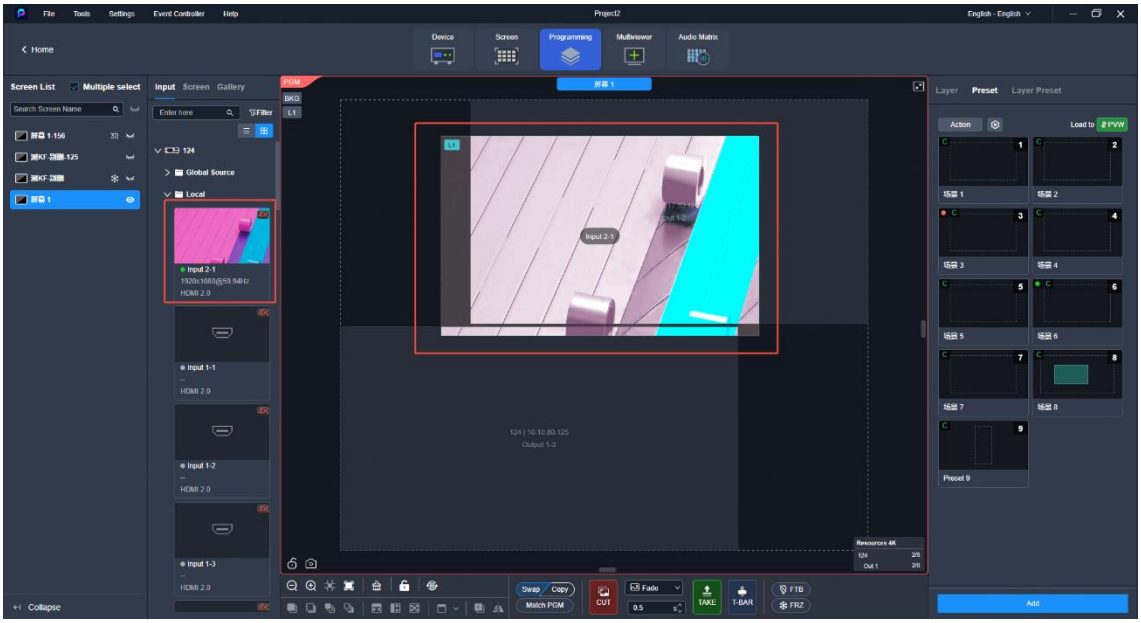


2.2.4.20 Cut & Fill Effect

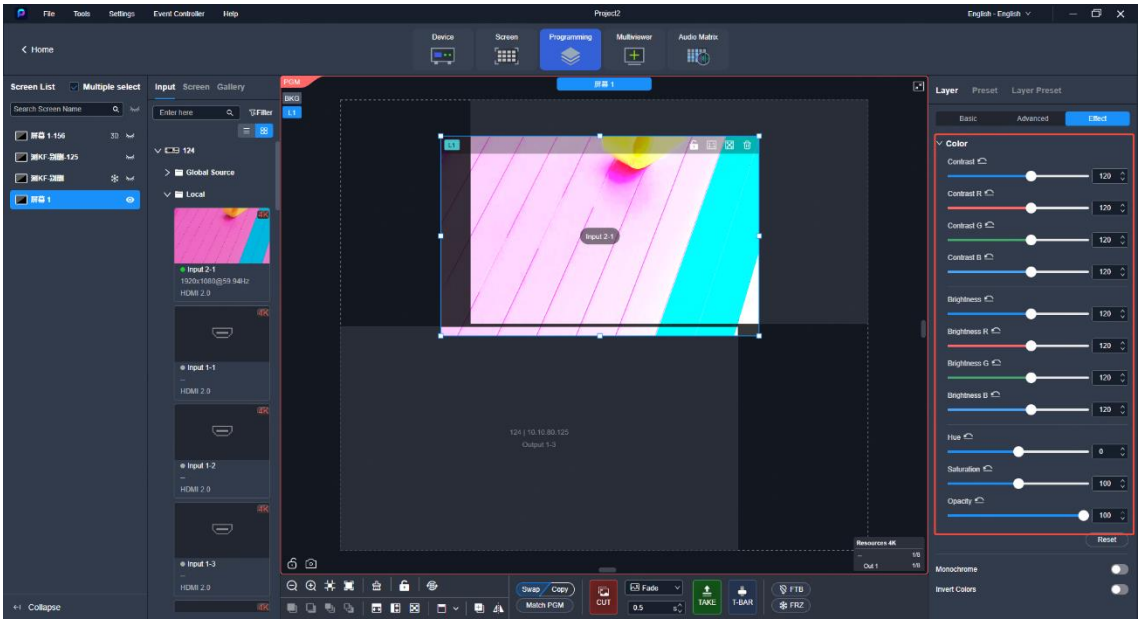


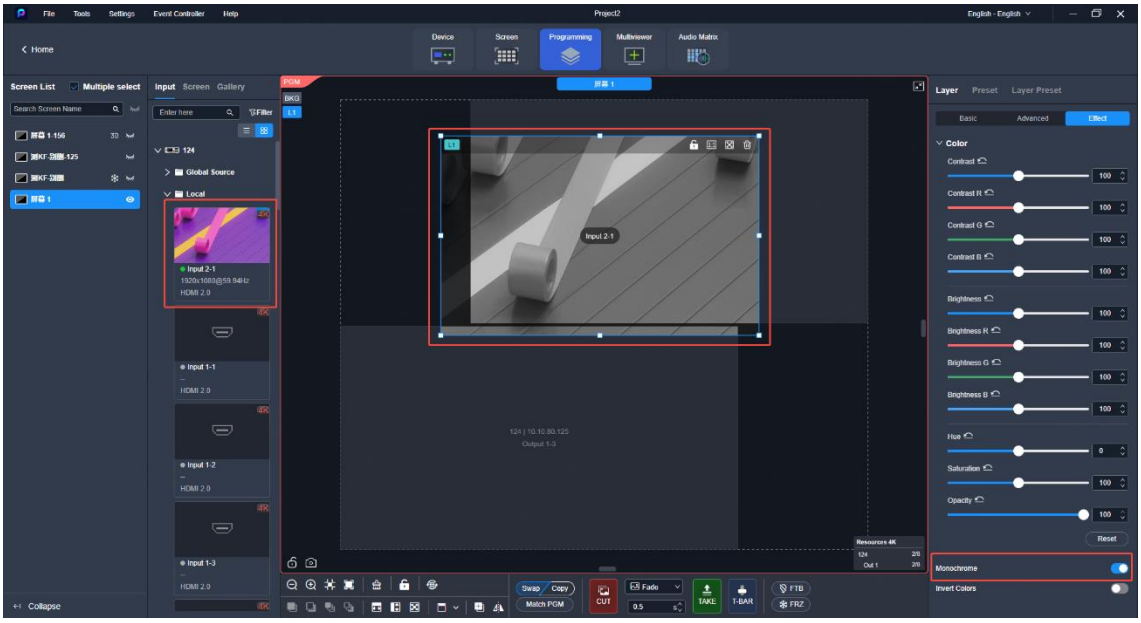


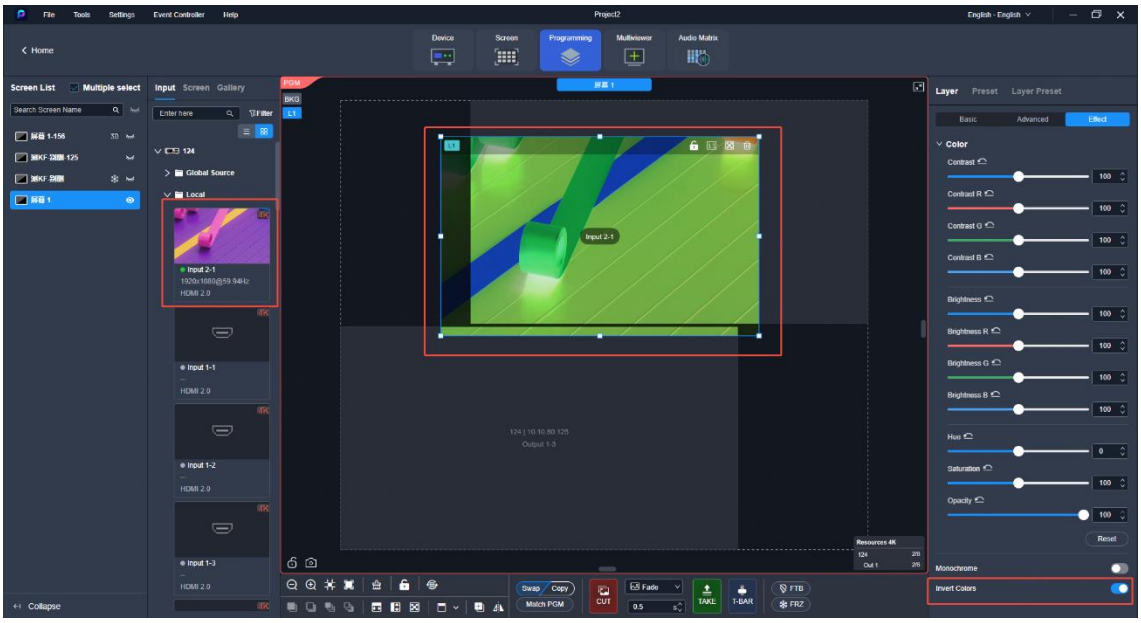
2.2.4.21 Keying Effect



2.2.4.22 Layer Color, Monochrome, and Invert Color Effects



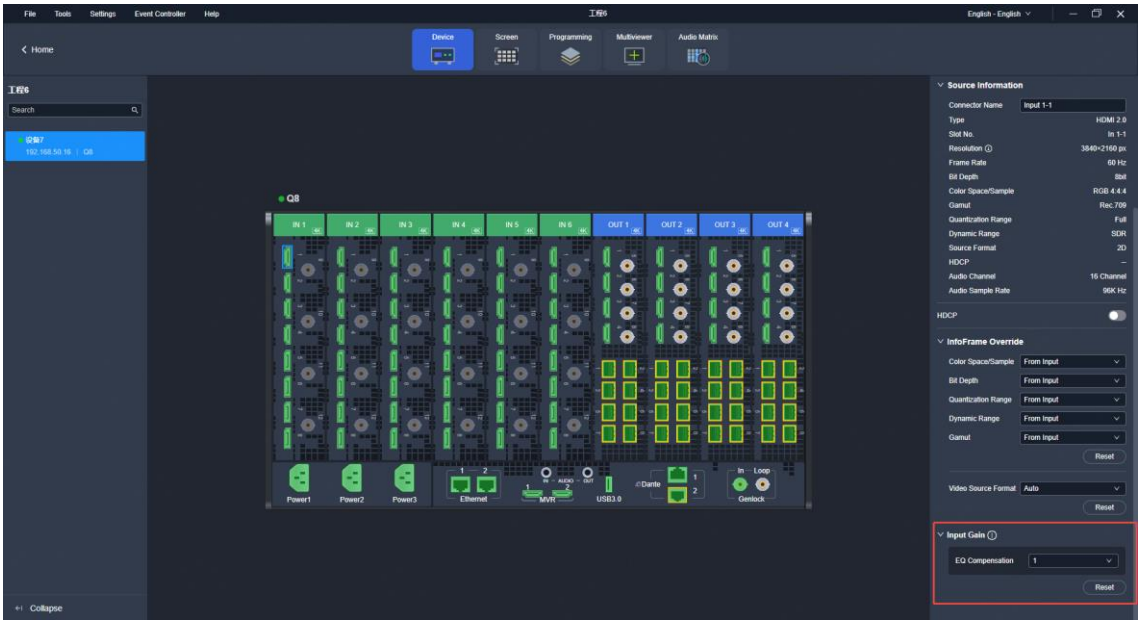


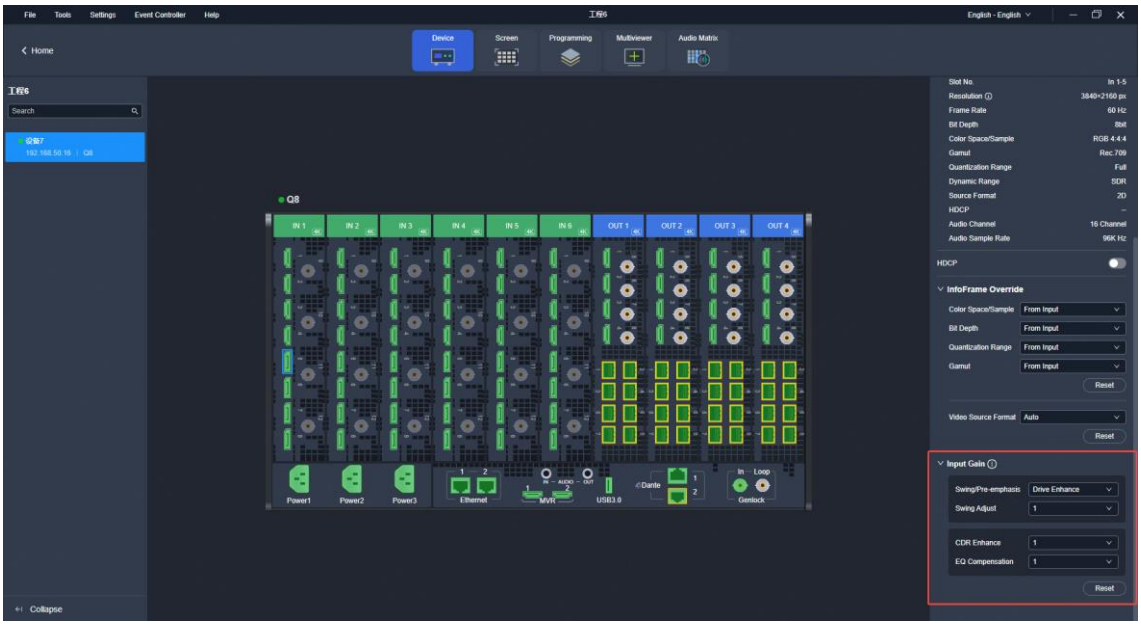


2.2.4.23 HDMI and DP Input Gain

Description

When the HDMI or cable degradation is excessive, adjusting the gain parameters in the developer mode (Ctrl+Shift+Alt+D) can enhance the connector performance.



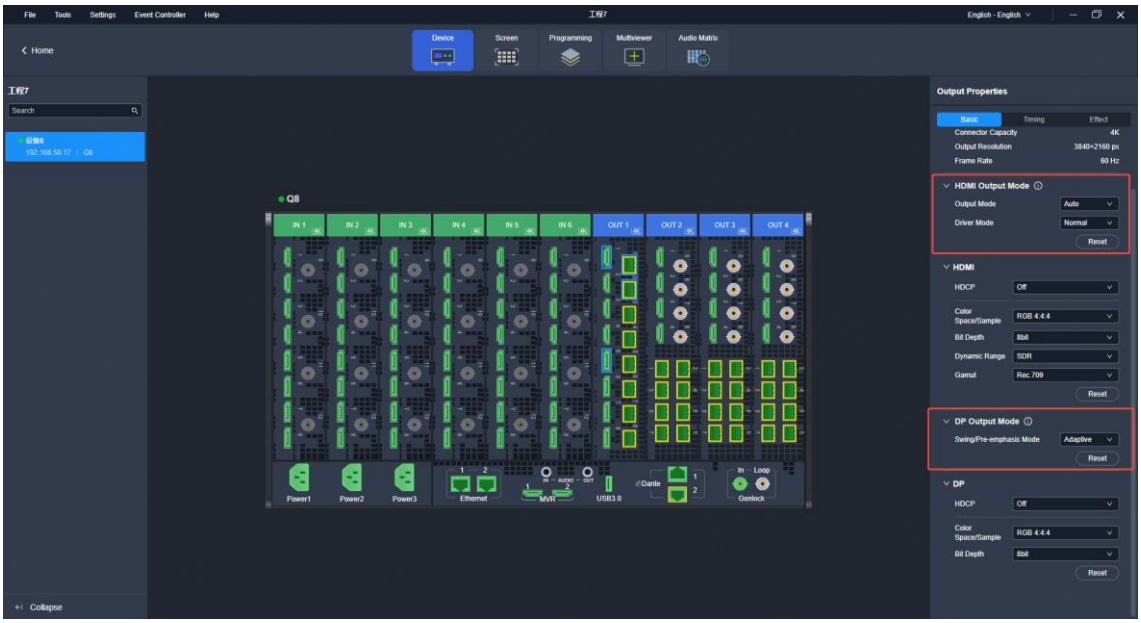


2.2.4.24 HDMI and DP Output Driver Mode

Description

For HDMI: When the connector is connected to the backend device and the signal does not match, adjusting the output mode in the developer mode (Ctrl+Shift+Alt+D) can restore the signal driving mode.

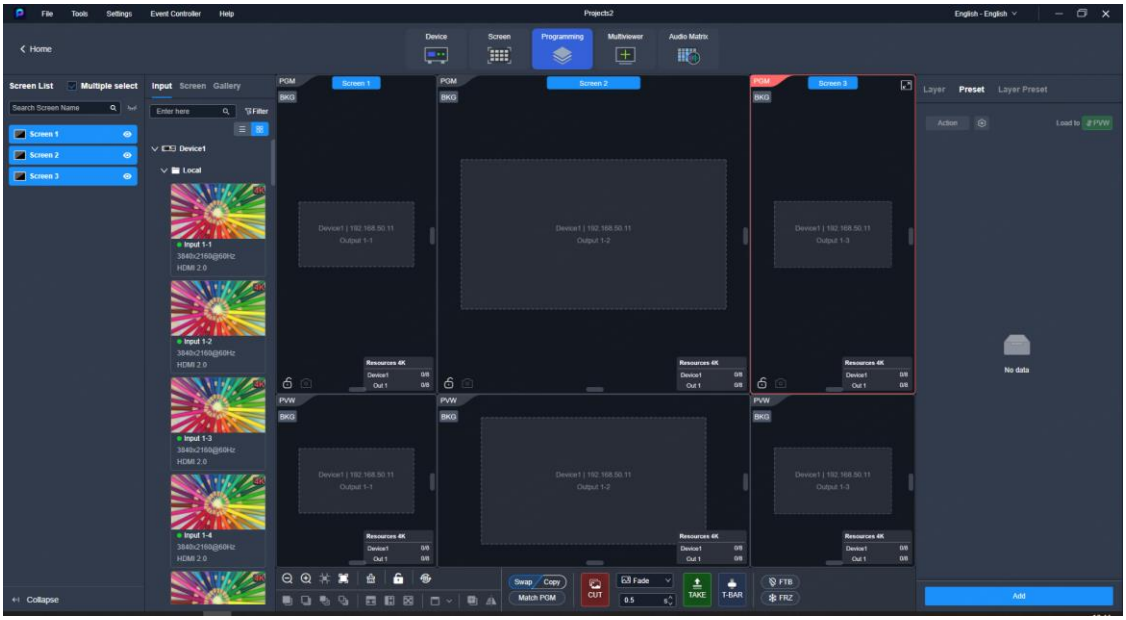
For DP: When the DP cable degradation is excessive, adjusting the output driver mode in the developer mode (Ctrl+Shift+Alt+D) can enhance the connector performance.



2.2.4.25 Customize Canvas Size in Programming Interface

Description

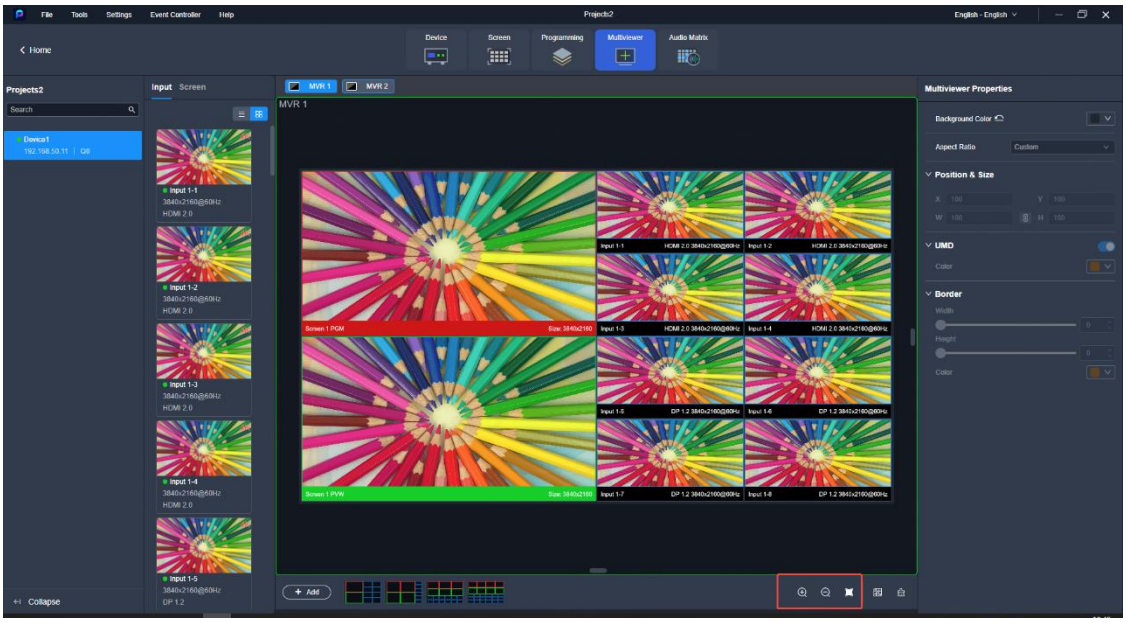
The canvas size for each screen in the editing area, including PVW and PGM, can be adjusted by dragging.



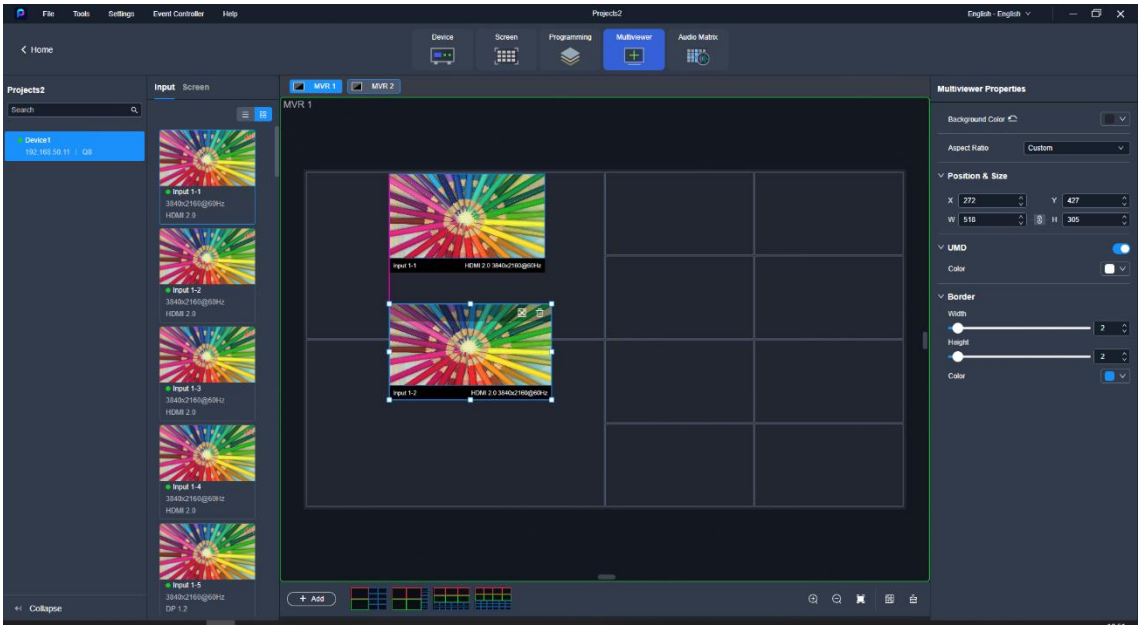
2.2.4.26 Zoom Function of Multiviewer Canvas

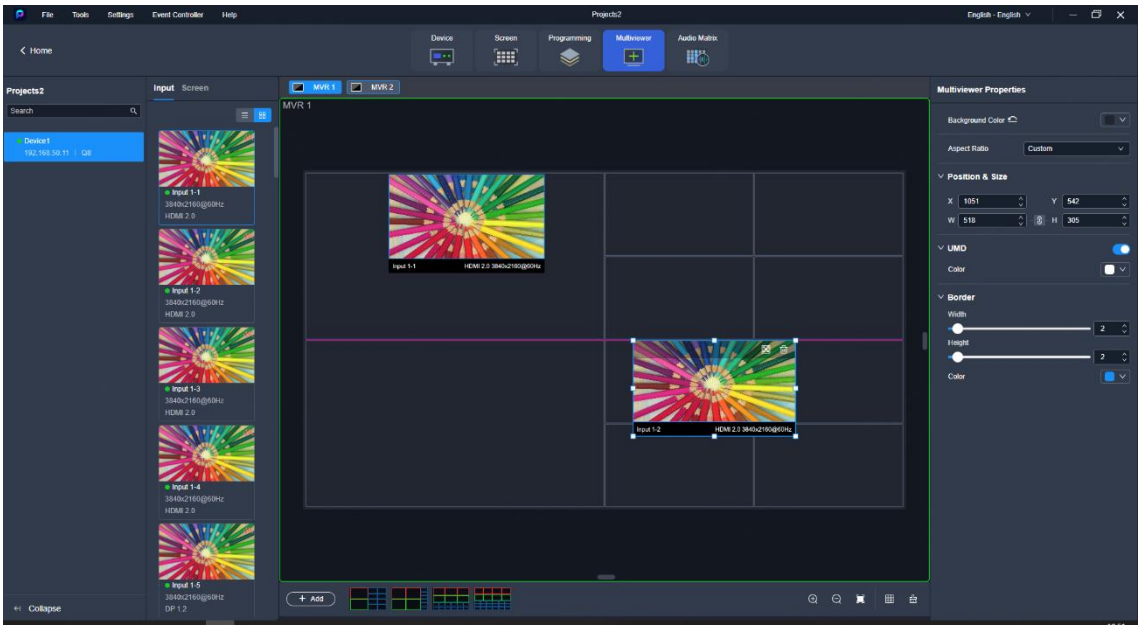
Description

The Multiviewer canvas now supports zooming via the zoom in and out buttons, or by using Ctrl + mouse wheel, with an option to restore post-zooming.



2.2.4.27 Canvas Grid and Layer Snapping Functionality





2.2.5 Improvements

2.2.5.1 Optimized Screen and Programming Modules Performance

Description

- Improved the preset loading speed.
- Improved the canvas operation fluidity.

2.2.5.2 Input and Output Resolution Optimization

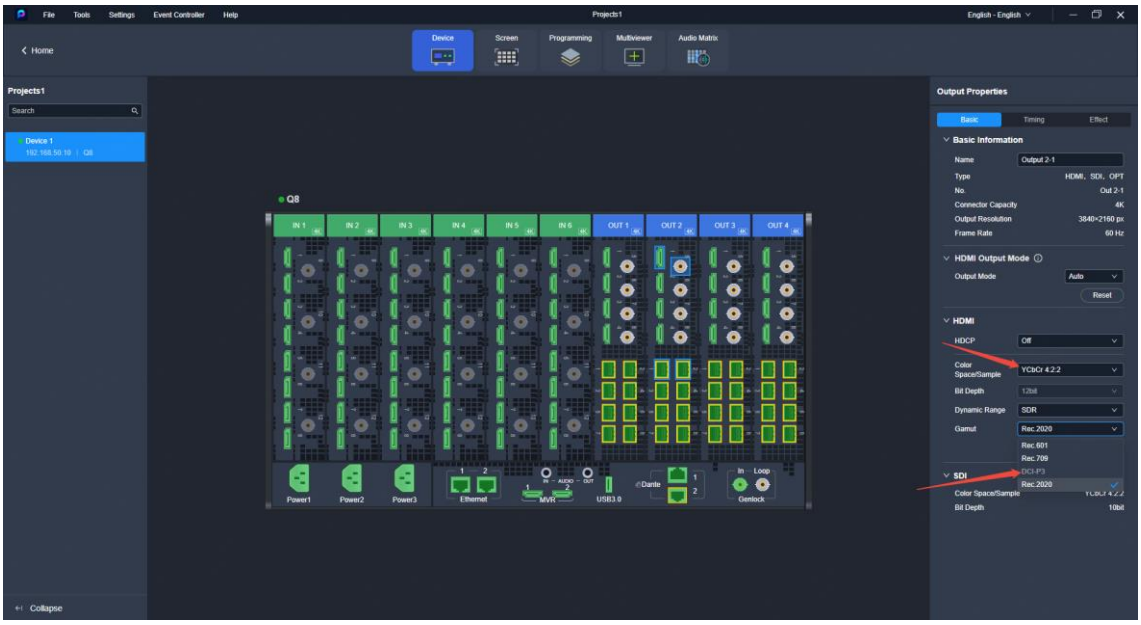
Description

Changed the maximum input and output V Active to 7680 pixels.

2.2.5.3 Optimized Output Parameter Settings

Description

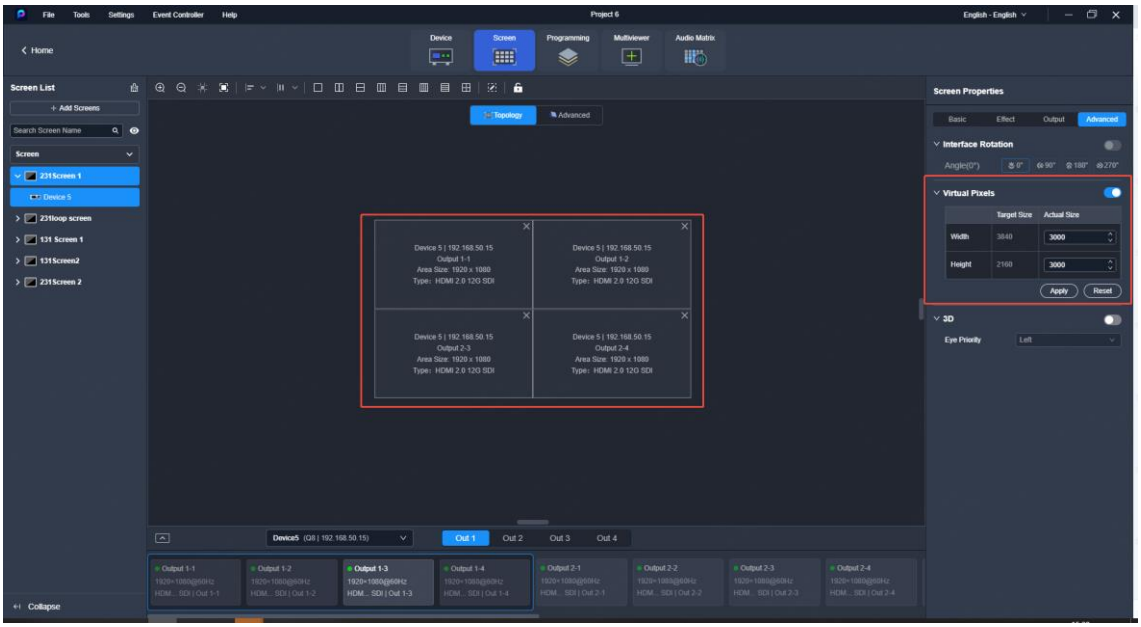
Added the mutually exclusive YUV and DCI-P3 in the color space/sample option.

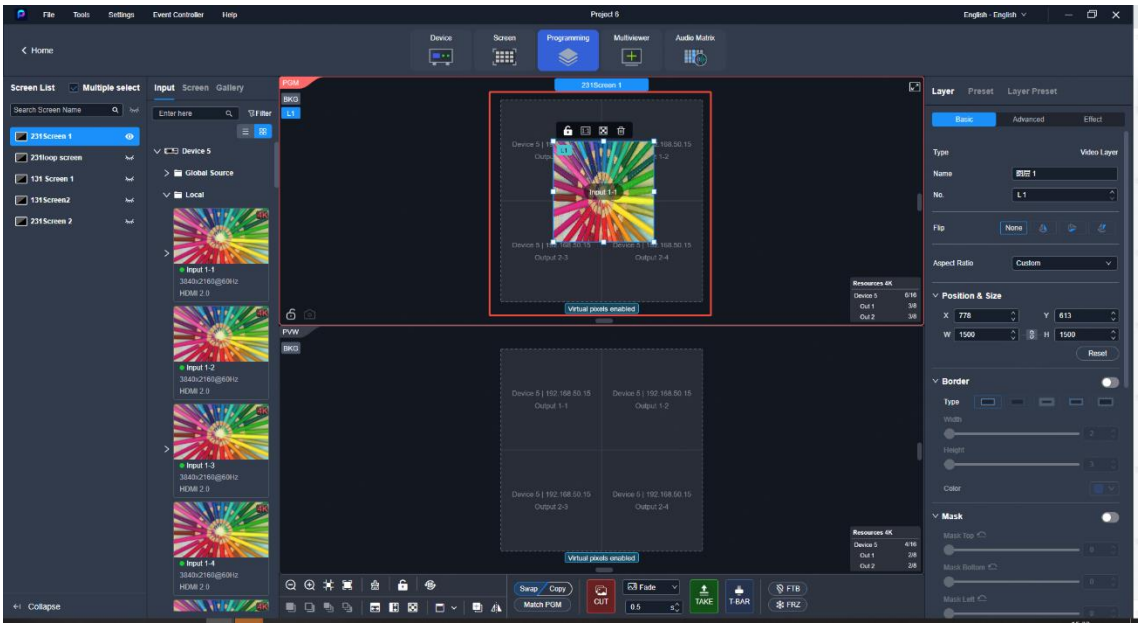


2.2.5.4 Virtual Pixel Feature Optimization

Description

Once this feature is enabled, the software coordinates match actual screen size.





2.2.5.5 Numeric Input Auto-Calculation

Description

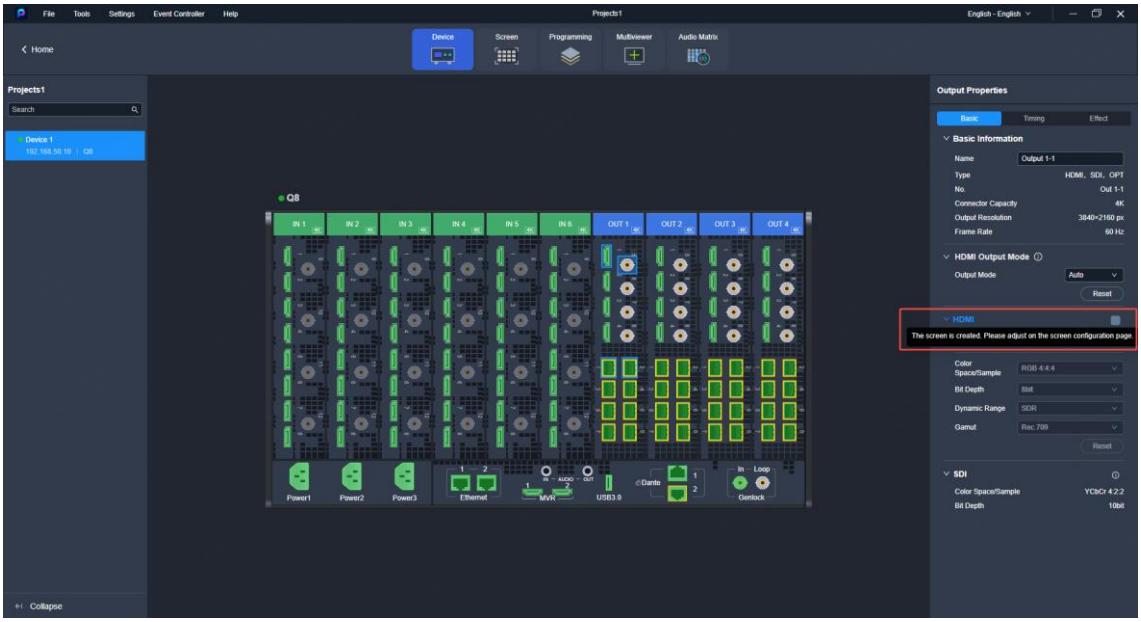
The numeric input field supports basic calculations.

2.2.5.6 Time Zone Synchronization with Event Controller

2.2.5.7 Post-Screen Configuration HDCP Adjustment

Description

Once an output connector is used to load the screen, HDCP adjustment for that connector is prohibited within the device module.

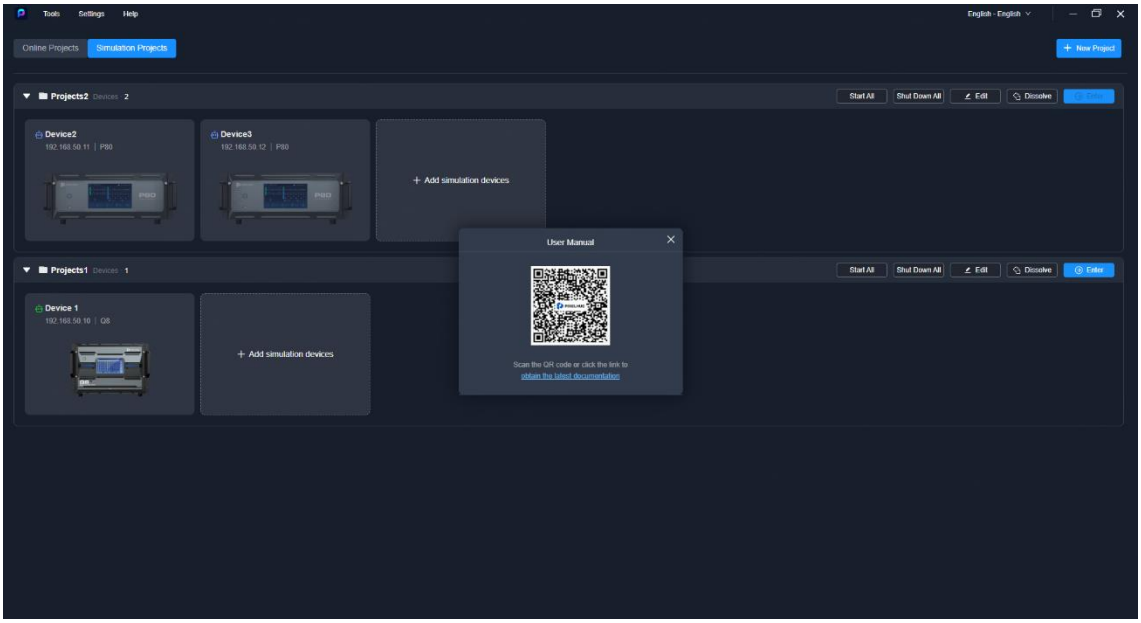


2.2.5.8 Improved Project Import Prompt

Description

When a mismatch occurs between the device in the project file and the imported device regarding the quantity or type of the cards, the prompted message specifies the exact card.

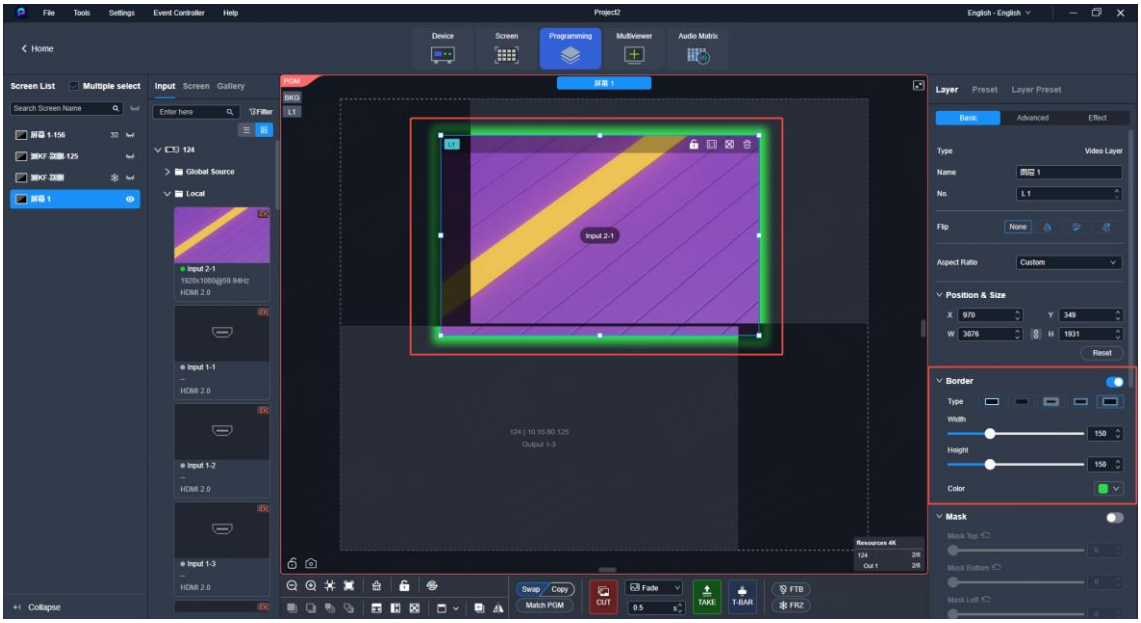
2.2.5.9 QR Code and Link for Obtaining Product Documentation



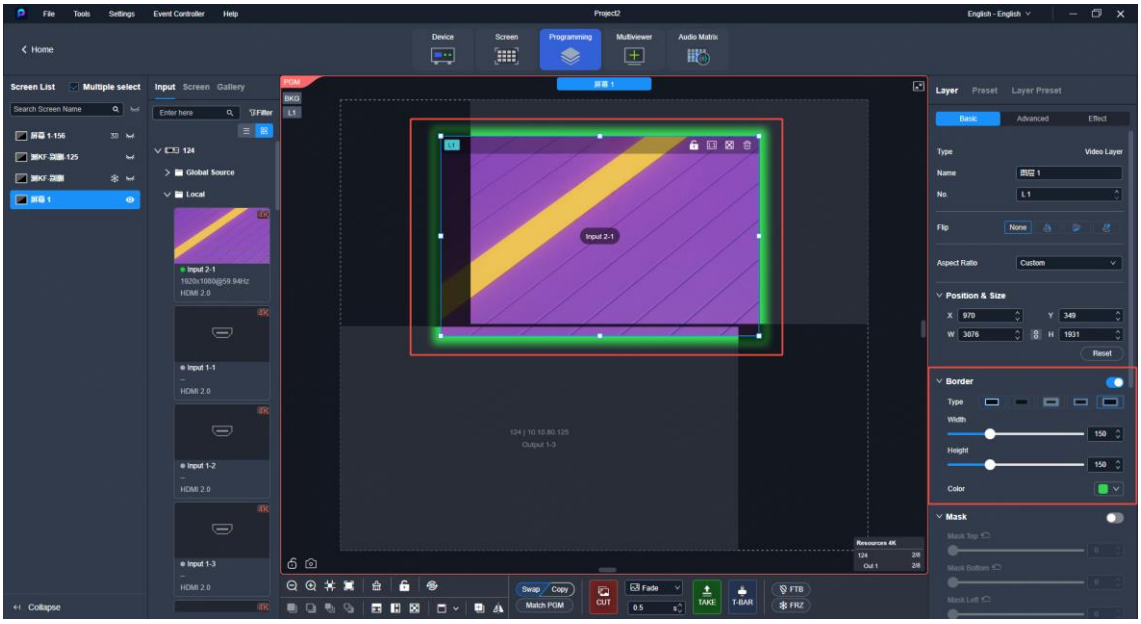
2.2.5.10 Optimized Layer Border Effect

Description

Supports the halo effect.



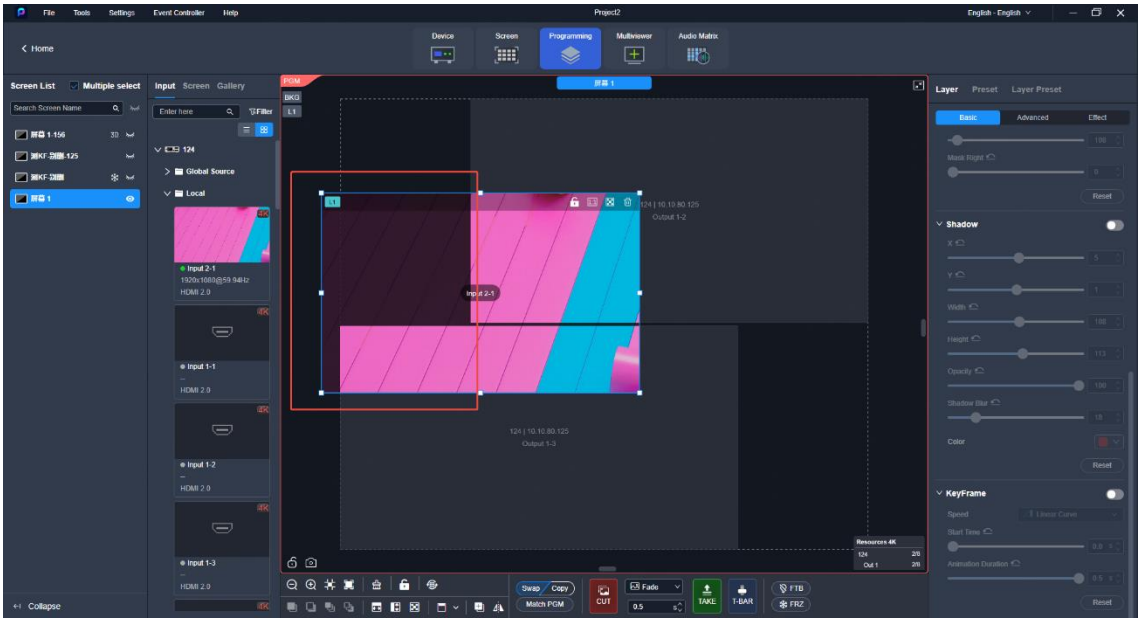
2.2.5.11 Optimized Layer Shadow Effect



2.2.5.12 Grayed Out of Layer Area outside Connector

Description

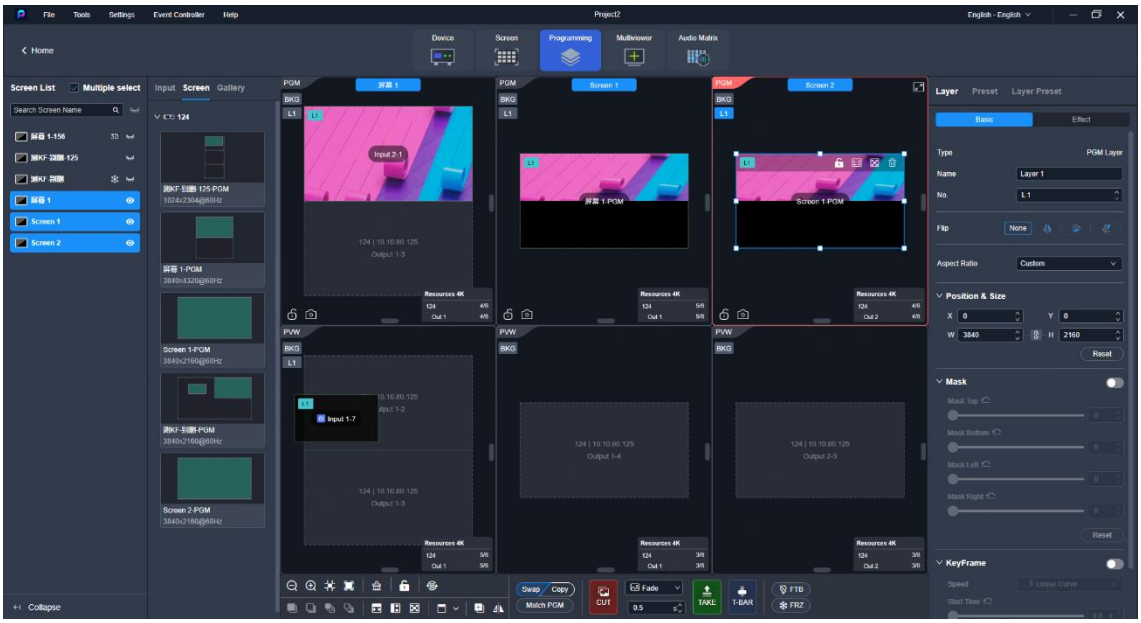
Real-time change upon layer movement.



2.2.5.13 Optimized PGM Preview

Description

The layers will not black out during cyclical preview.



2.2.6 Changes

None

2.2.7 Bug Fixes

1. Fixed the rare issue where the event controller endlessly displayed the boot animation upon startup.
2. Fixed the issue with Q8's output loopback to input showing audio as offline.
3. Fixed the issue preventing scrolling and paging on the maintenance interface.
4. Fixed the rare issue where the software interface would occasionally display incorrectly post-update.
5. Fixed the rare issue where the smart screen failed to display post-update but recovered after a restart.
6. Fixed the rare issue where the U5 failed to display upon startup.
7. Fixed the rare issue of abnormal layer data when the preset was loaded immediately following the Take operation.
8. When saving the preset on the event controller, an issue arises where the preset appears on two buttons or initially displays on another button before shifting back to the target button.
9. Fixed the instability issue in timecode linkage display between two event controllers.

10. Fixed the issue where software installation on macOS resulted in a blank interface, preventing access to the device list.
11. Fixed the issue where the visible but unselected screens were automatically selected by default in the preset saving interface.

2.2.8 Notes

28. After switching the device working mode, re-import the EDID file.
29. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
30. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
31. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
32. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.
33. If your computer has antivirus software installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.
34. Project files from versions earlier than PixelFlow V1.7.0 cannot be imported into PixelFlow V1.7.0 and later versions.
35. The test tool only supports Windows operating systems.
36. If your U5 or U5 Pro is V1.8.0 or later and you wish to revert to a version earlier than V1.7.1, you must first downgrade to V1.7.1, and subsequently downgrade to your desired version.
37. If you have installed PixelFlow V1.8.0 or later and wish to revert to a version earlier than V1.7.1, you must firstly uninstall PixelFlow, and subsequently install your desired version.

2.3 V1.7.1

2.3.1 Software Version

PixelFlow V1.7.1

2.3.2 Supporting Event Controllers

U5 V1.7.1

U5 Pro V1.7.1

2.3.3 Supporting Presentation Switchers

P80 V1.0.1

Q8 V1.7.1

P10 V1.7.1

P20 V1.7.1

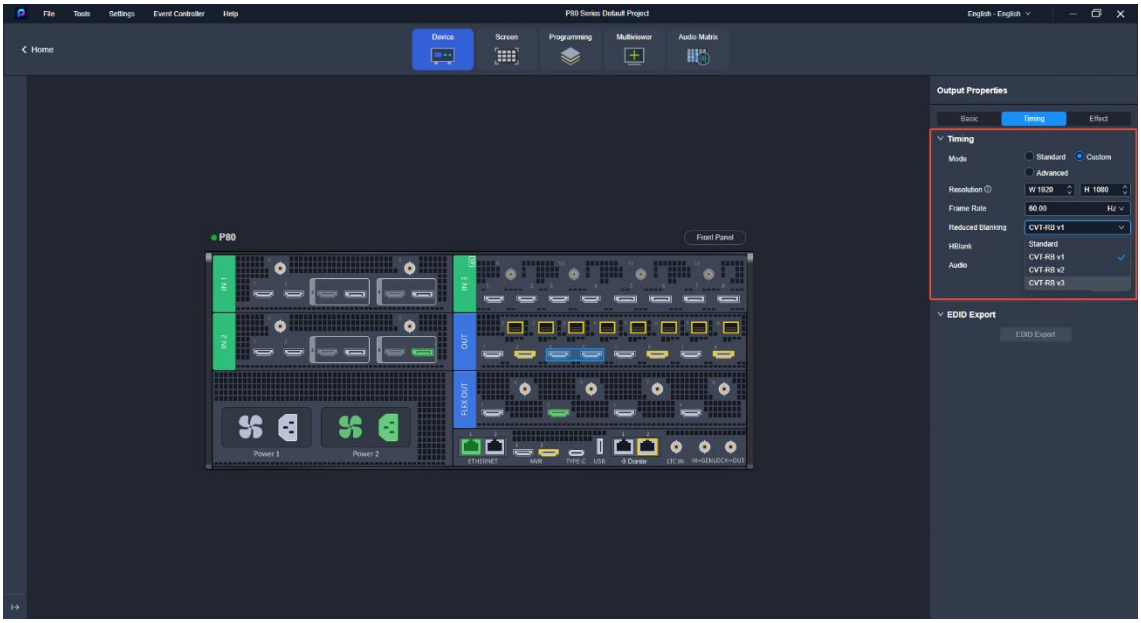
P20-DS V1.7.1

2.3.4 New Features

2.3.4.1 EDID v2/v3

Description

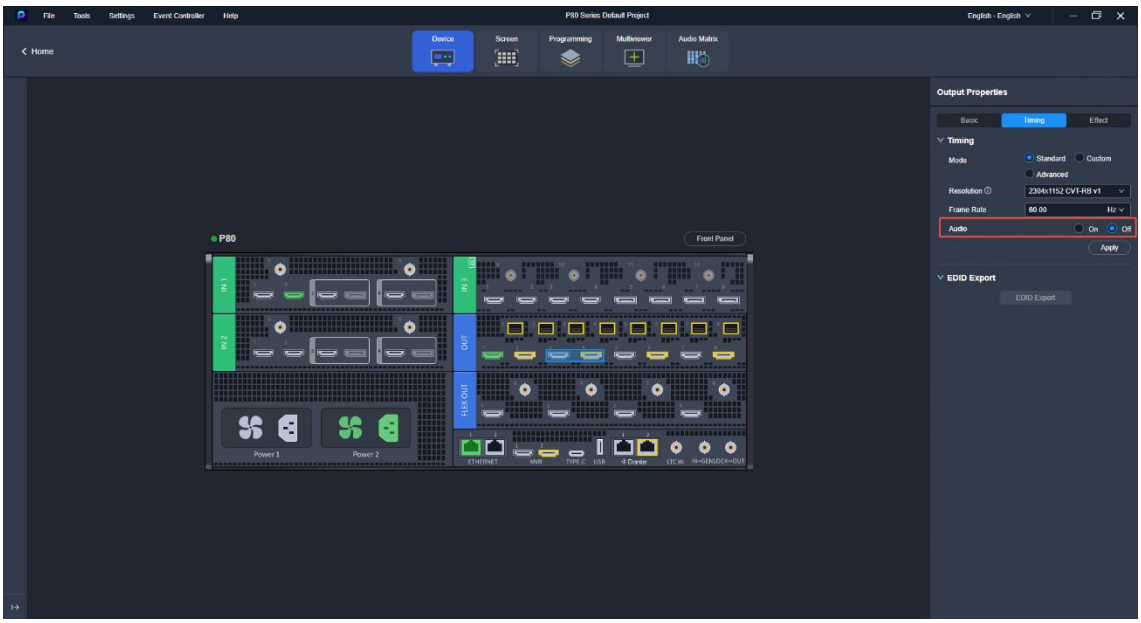
Support the CVT v2 and v3 options in the reduced blanking in the timing settings.

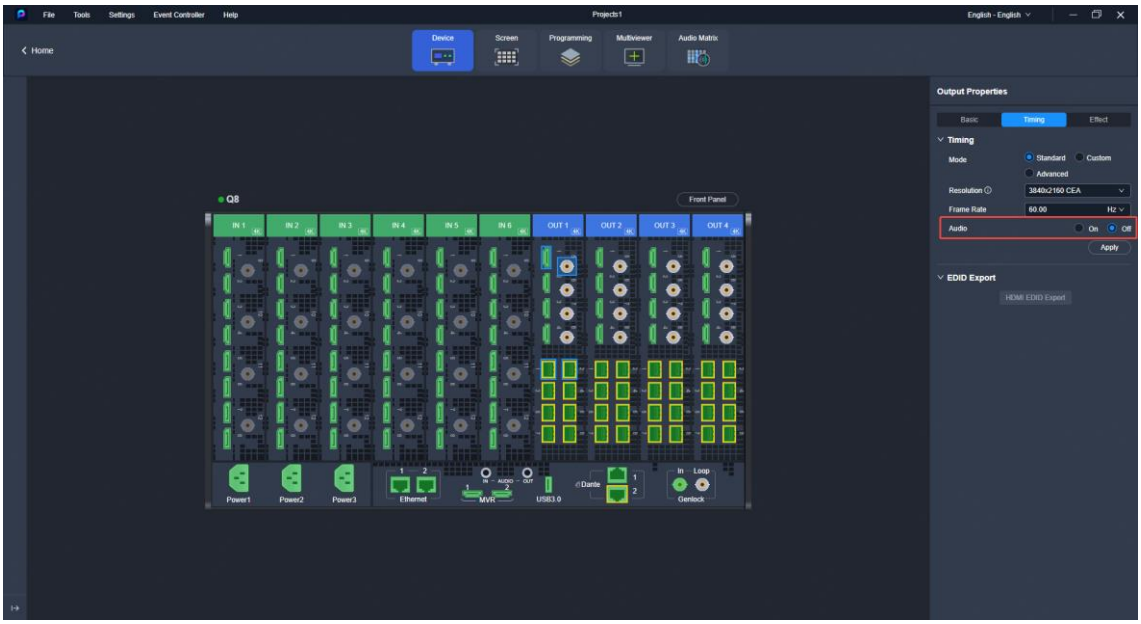


2.3.4.2 Audio Switch

Description

Support the audio switch in the input connector EDID, enabling embedded audio information when activated. Similarly, an audio switch in the output connector EDID is added to allow the source device to correctly output sound when activated.

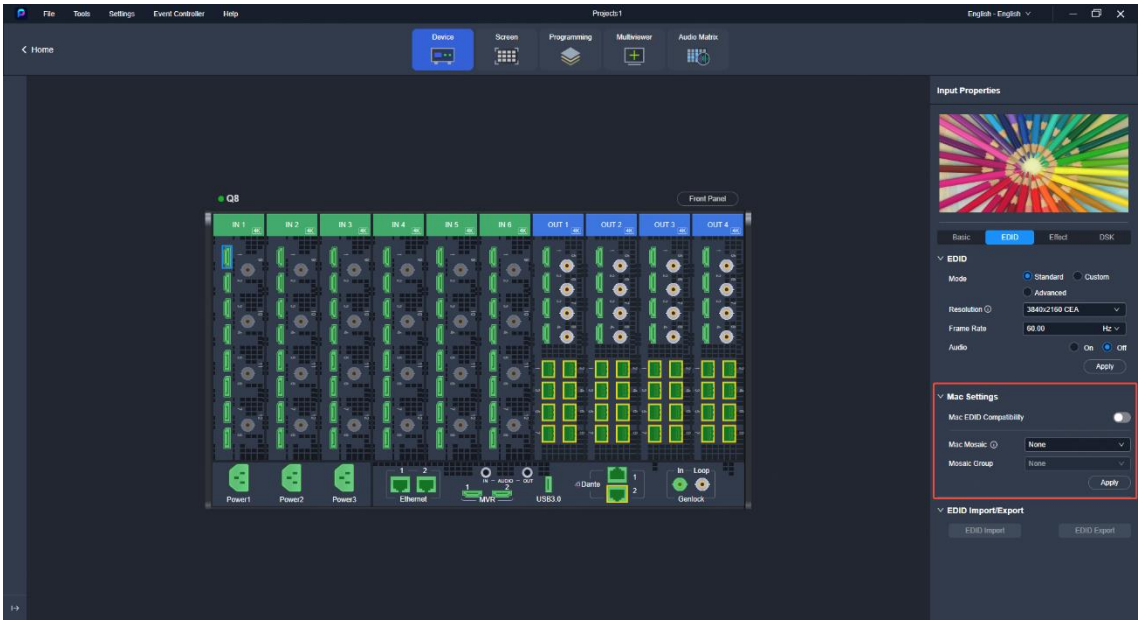




2.3.4.3 Mac Mosaic

Description

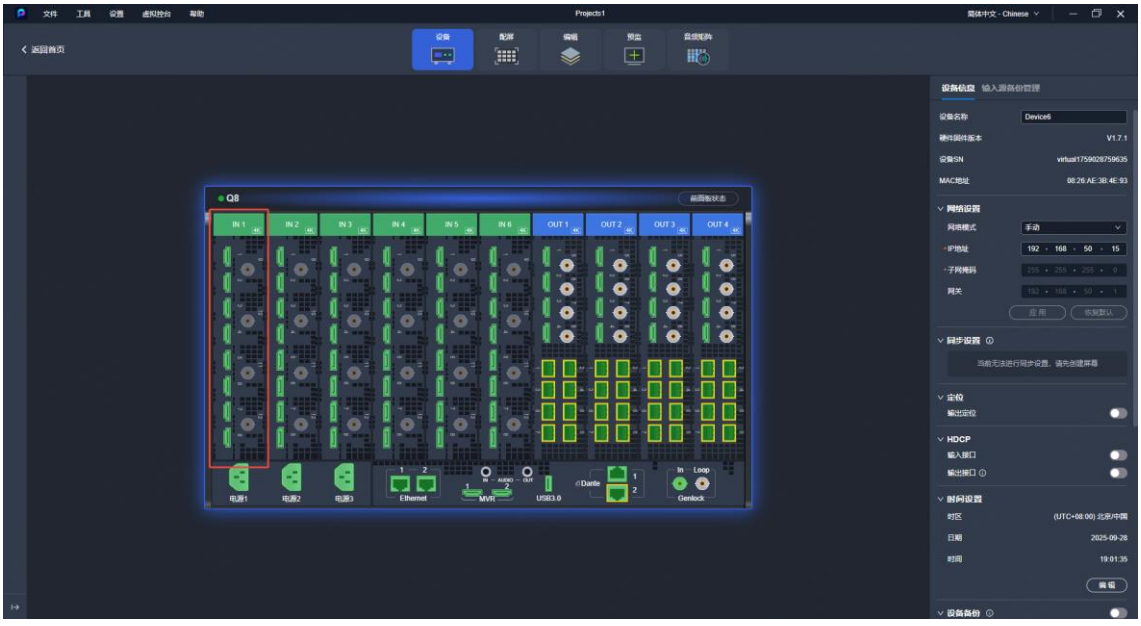
EDID can describe the mosaic information of connectors, allowing for automatic mosaic screen output and synchronization when using a multi-head graphics card or Mac computer.



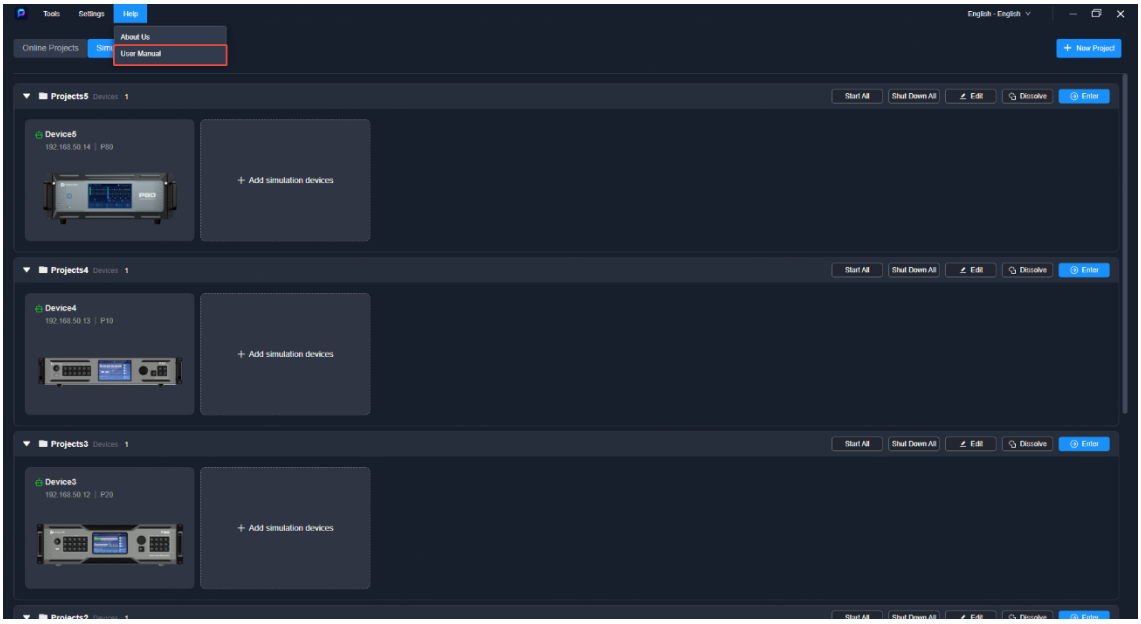
2.3.4.4 8xHDMI Input Card (Q8)

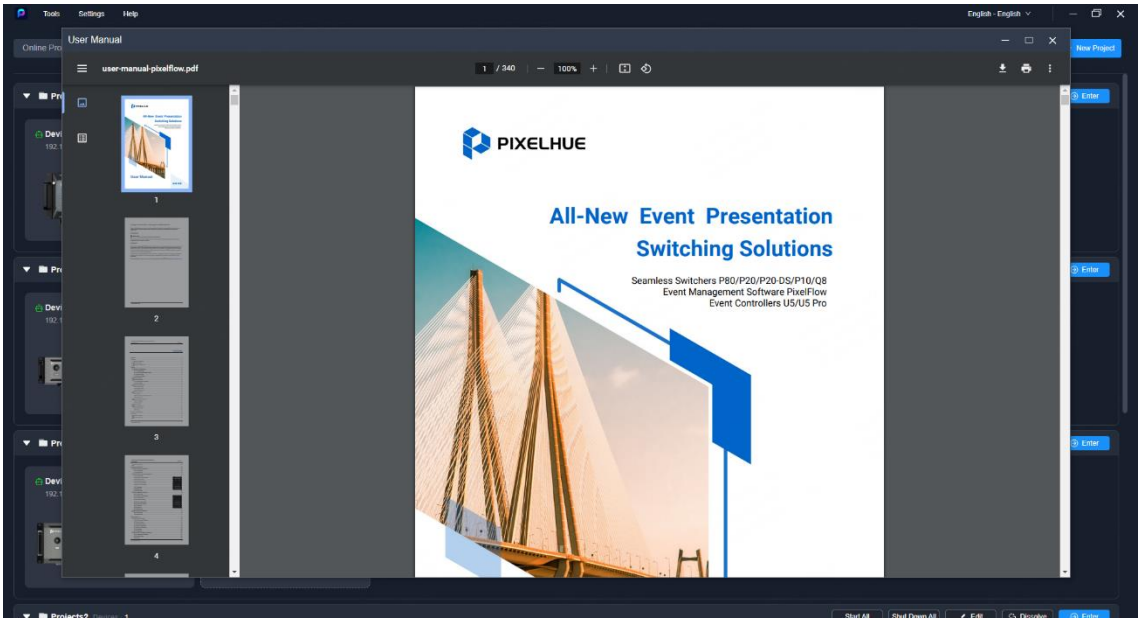
Description

Q8 supports an 8-channel HDMI input card.



2.3.4.5 User Manual



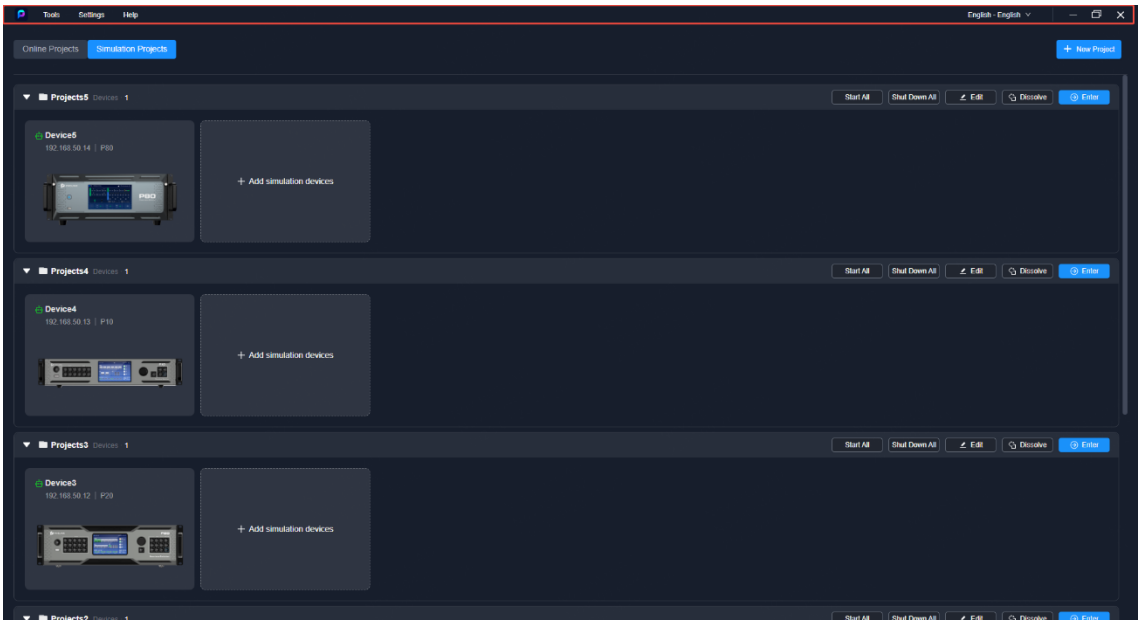


2.3.5 Improvements

2.3.5.1 Toolbar Optimization

Description

- Reclassified the toolbar menu.
- Relocated the language switch to the top right corner for easier access.
- Added a time display in the top right corner of the event controller.



2.3.5.2 Pop-up Optimization on Mac

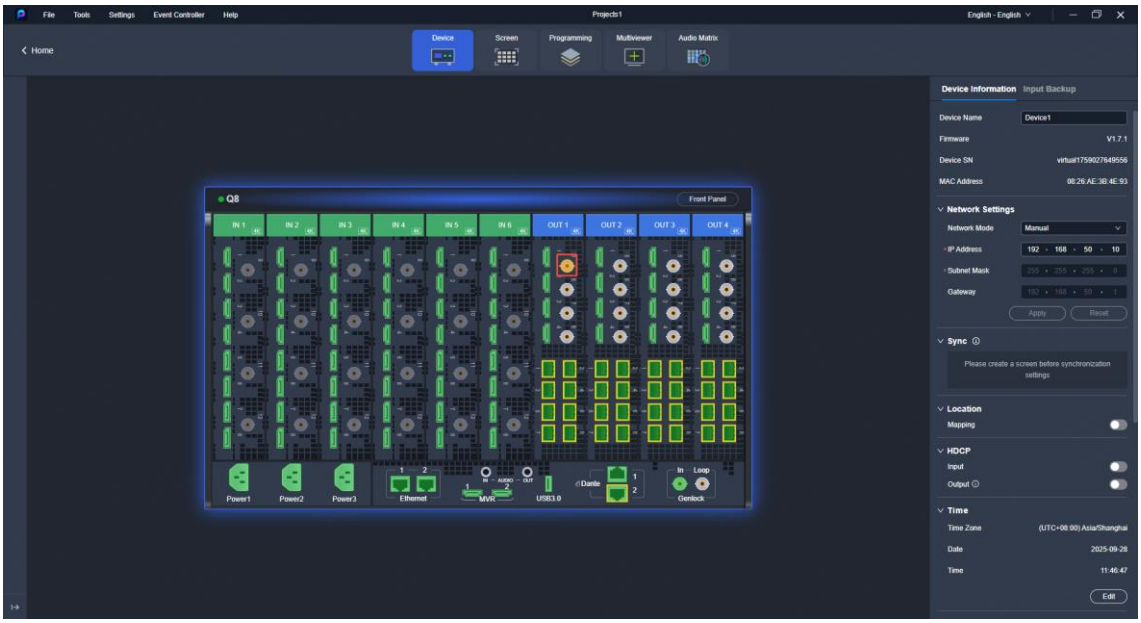
Description

Refined the Mac client UI style to align with the Mac system for project creation, help, virtual event controller, capture, and other functions.

2.3.5.3 Prompt Optimization for Non-Standard Resolutions of Output Connectors

Description

Changed the red warnings to yellow ones.



2.3.5.4 Prompt Optimization for Non-Standard Resolutions of SDI Matrix Connectors (P80)

Description

Changed the red warning prompts to yellow ones.

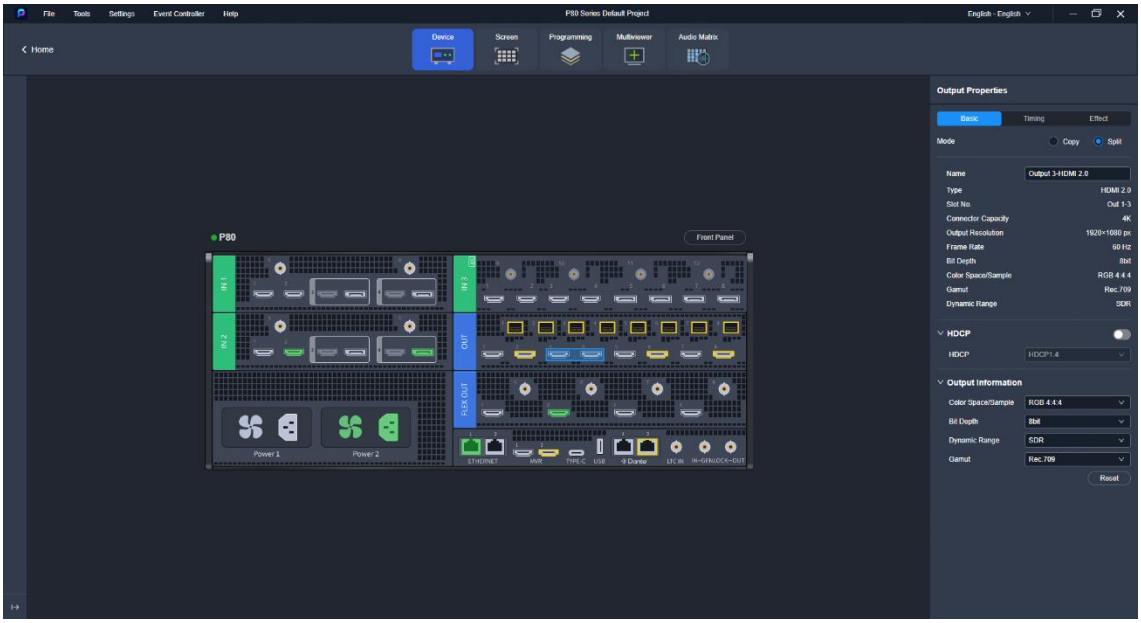


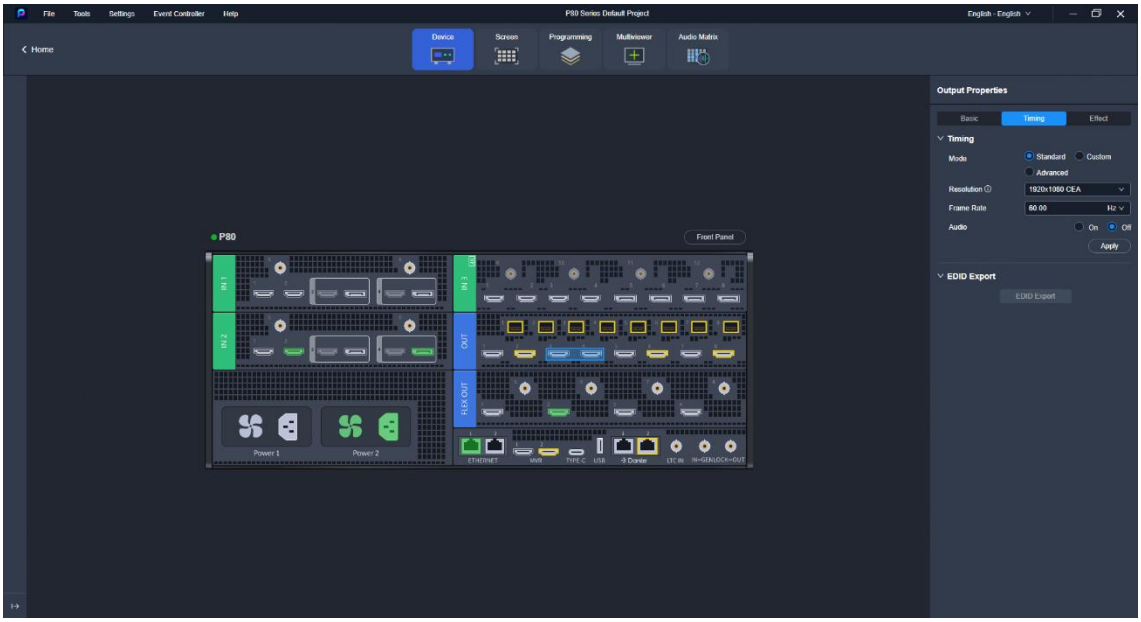
2.3.6 Changes

2.3.6.1 Change Split Mode for Output Connectors (P80)

Description

In split mode, the connector timing is sent separately.

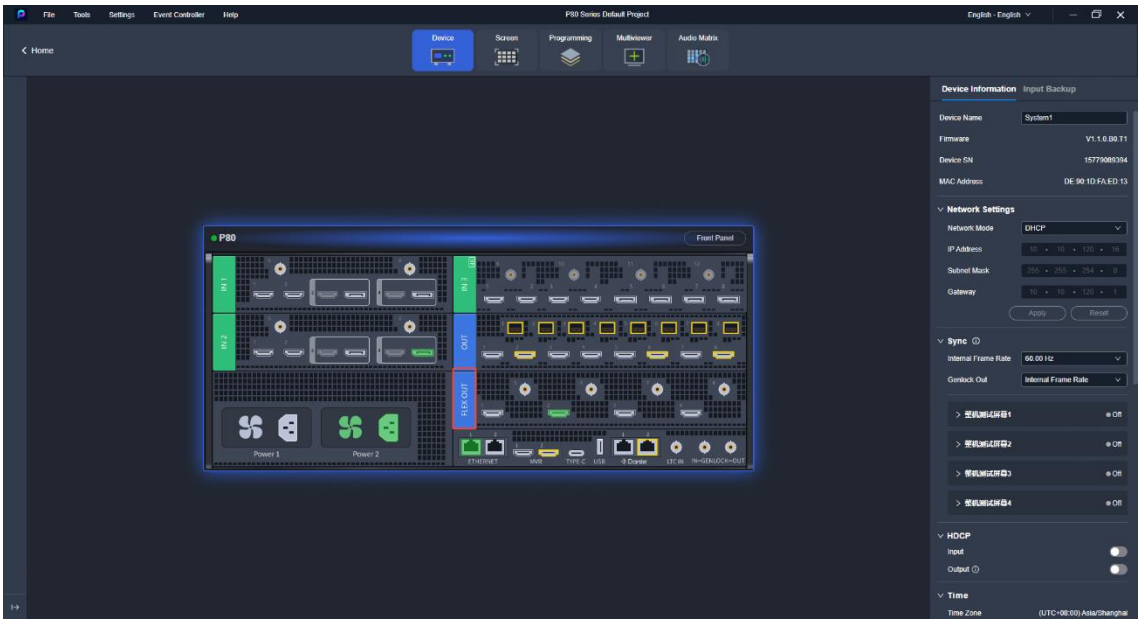


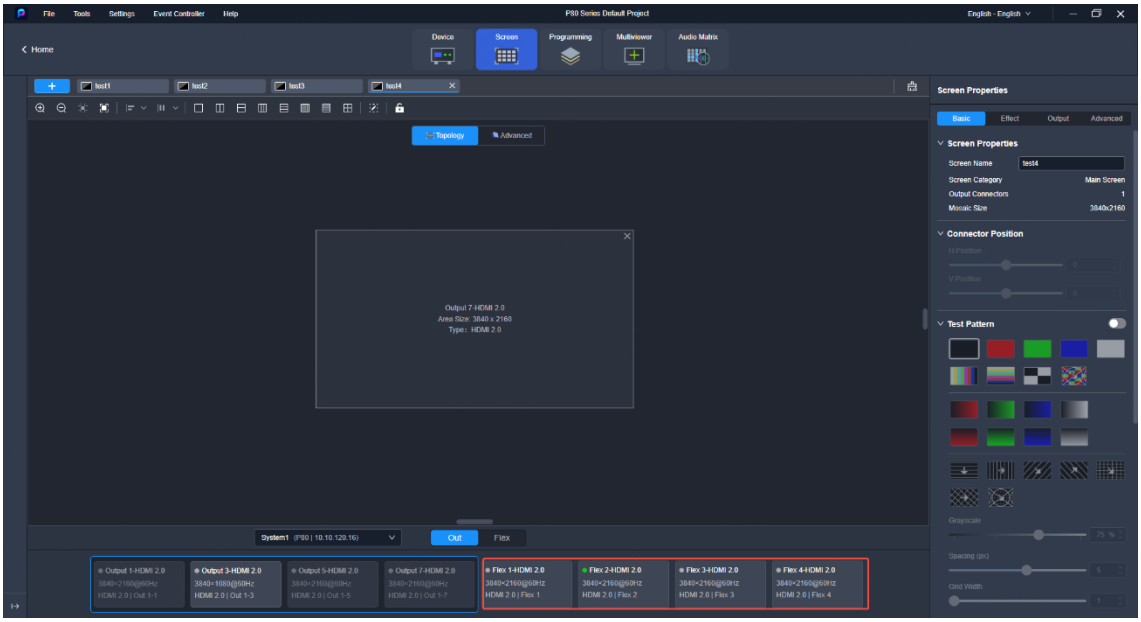


2.3.6.2 Change AUX Output to Flex Out (P80)

Description

AUX output is changed to Flex Out.





2.3.7 Bug Fixes

None

2.3.8 Notes

38. After switching the device working mode, re-import the EDID file.
39. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
40. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
41. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
42. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.
43. If your computer has antivirus software installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.
44. Project files from versions earlier than PixelFlow V1.7.0 cannot be imported into PixelFlow V1.7.1 and later versions.
45. The test tool only supports Windows operating systems.

2.4 V1.7.0

2.4.1 Software Version

PixelFlow V1.7.0

2.4.2 Supporting Event Controllers

U5 V1.7.0

U5 Pro V1.7.0

2.4.3 Supporting Presentation Switchers

P80 V1.0.0

Q8 V1.7.0

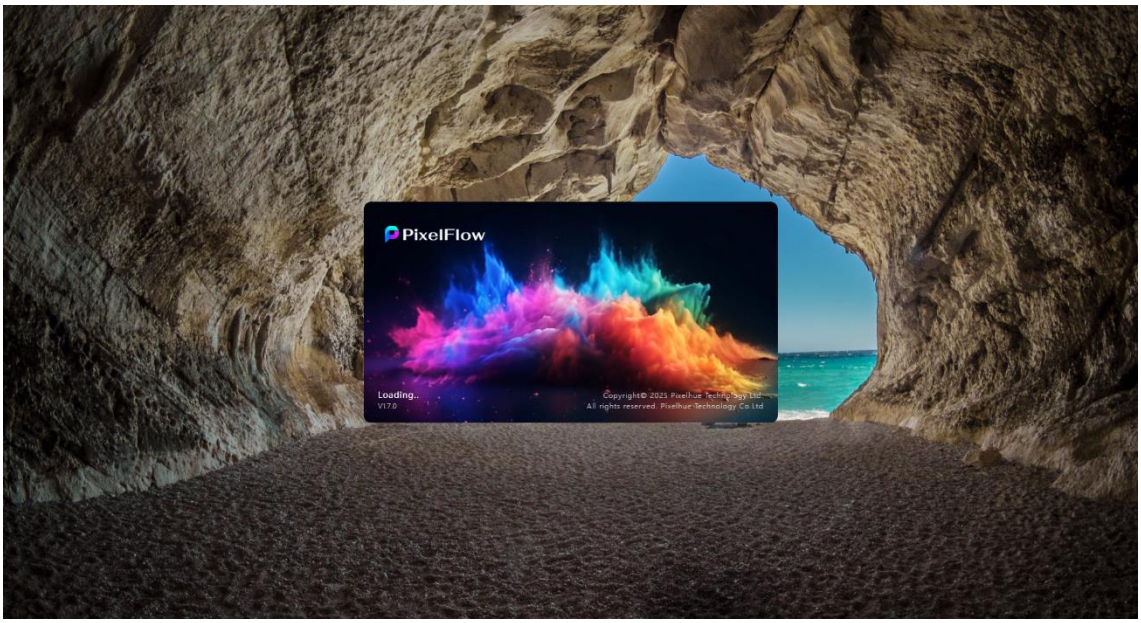
P10 V1.7.0

P20 V1.7.0

P20-DS V1.7.0

2.4.4 New Features

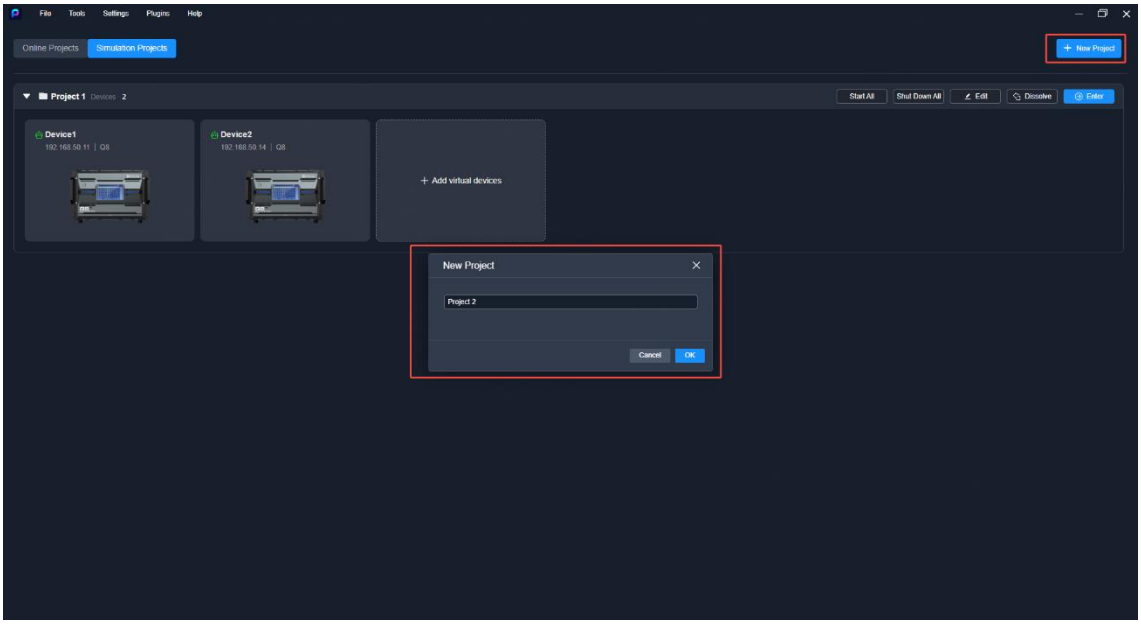
2.4.4.1 Software Launch Page



2.4.4.2 Create Projects

Description

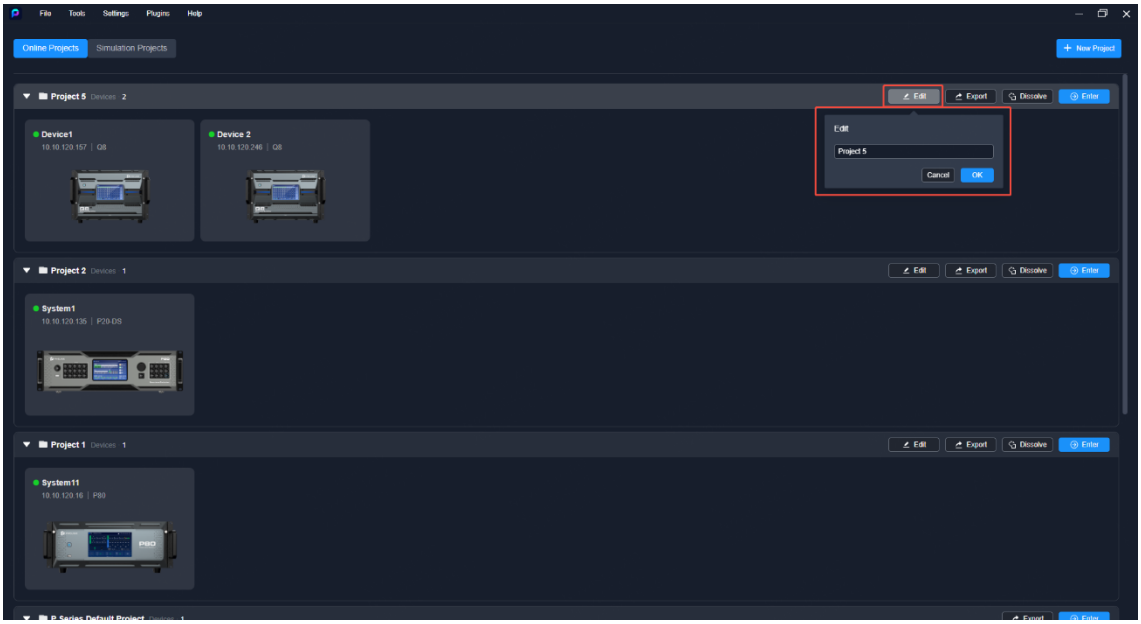
Devices of the same series can be included within the same project.



2.4.4.3 Edit Projects

Description

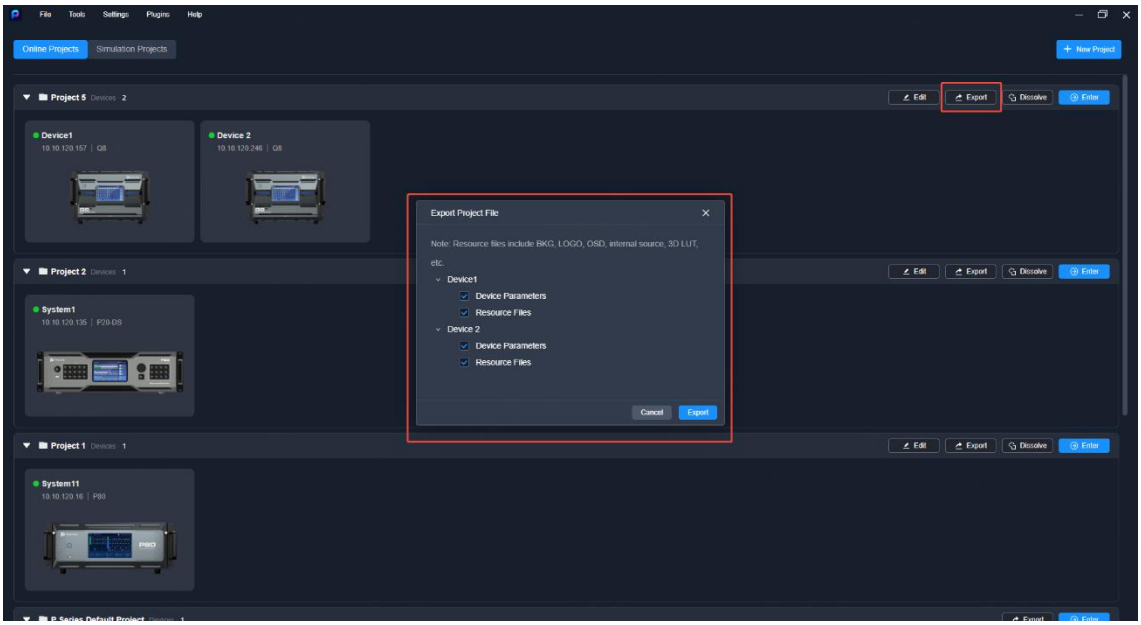
The project name can be changed.



2.4.4.4 Export Projects

Description

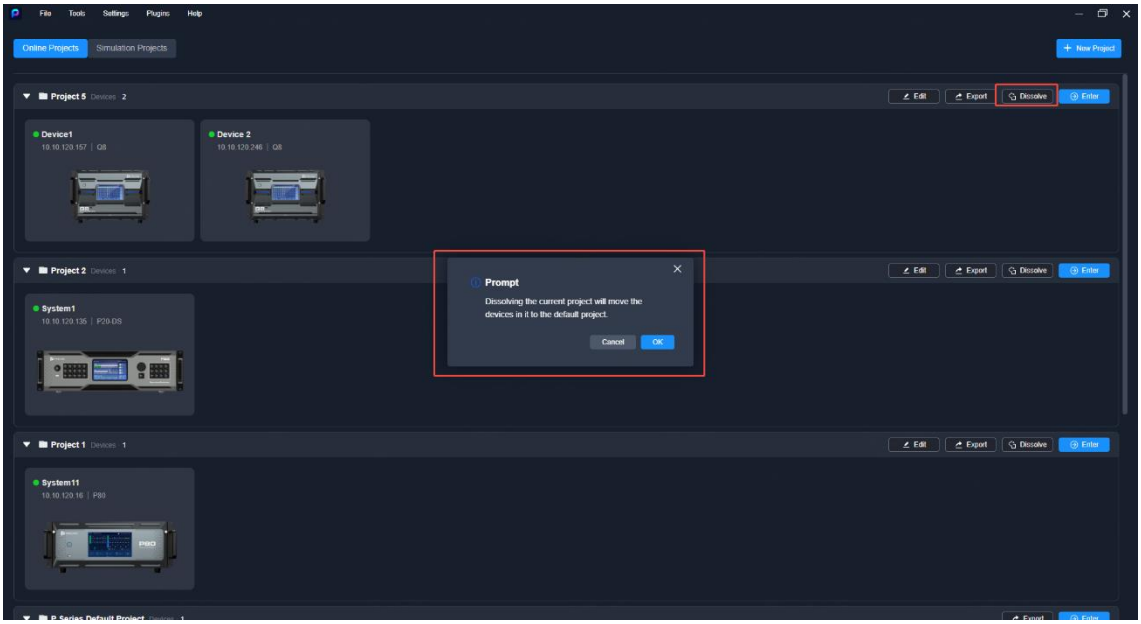
Export device files from the current project, selecting the device information to export.



2.4.4.5 Dissolve Projects

Description

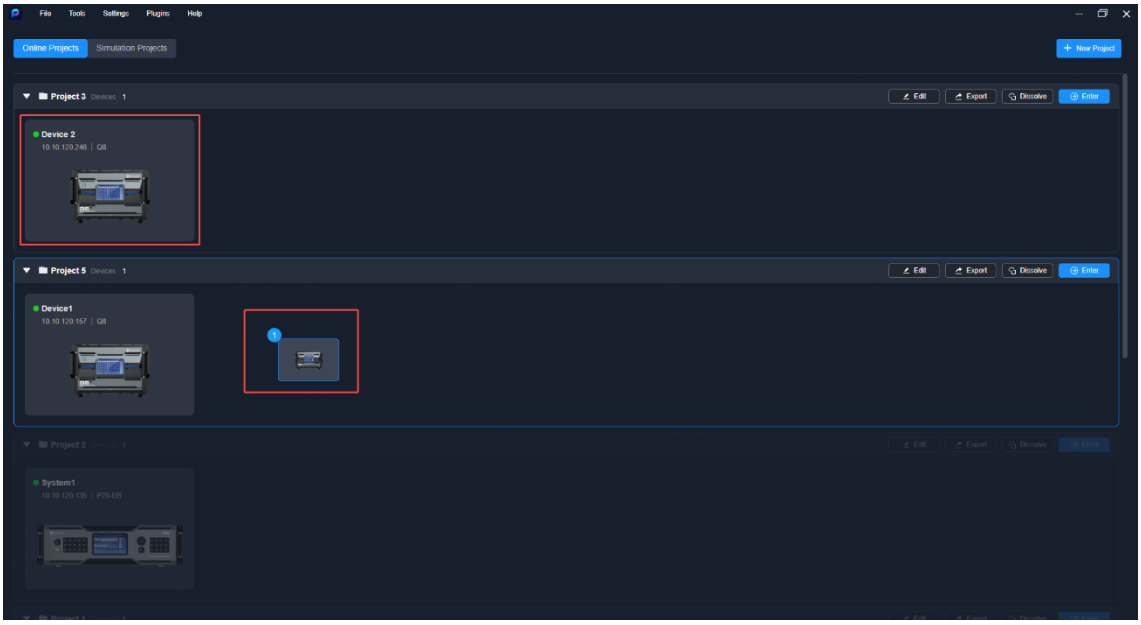
Dissolve the current project, returning devices to the default project.

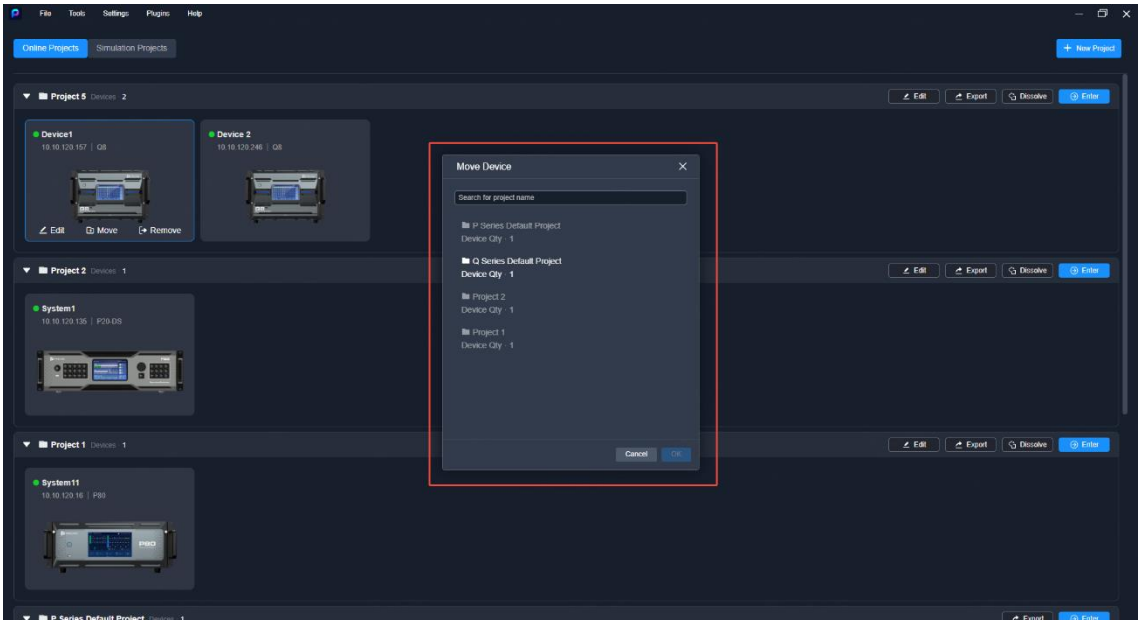


2.4.4.6 Move Devices

Description

- Drag devices with the mouse into permissible projects.
- Click **Move** to open a pop-up to select the destination project.

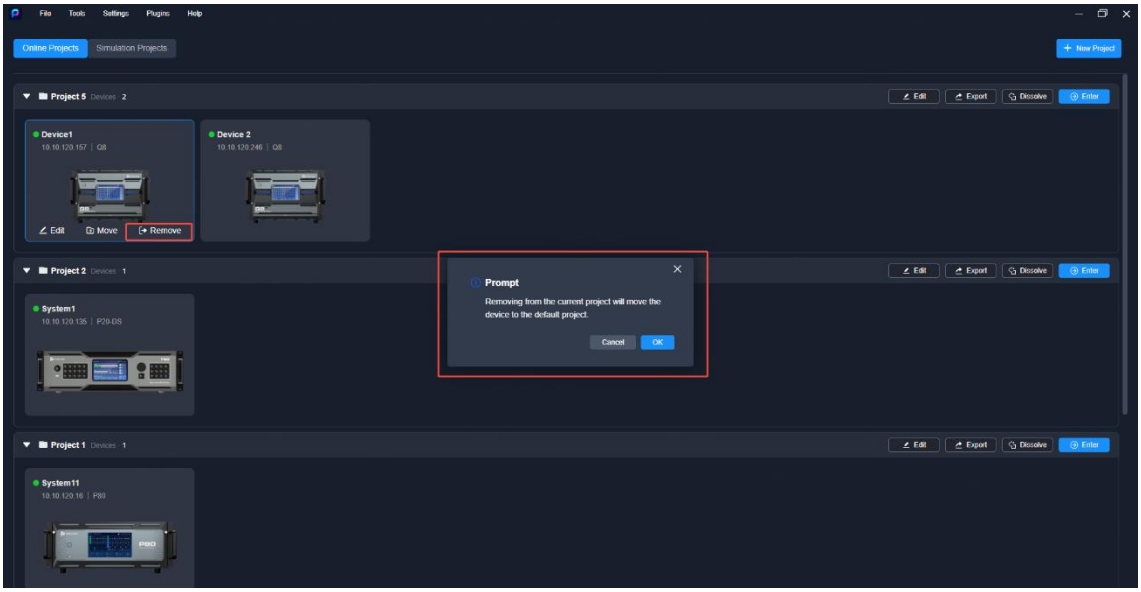




2.4.4.7 Remove Devices

Description

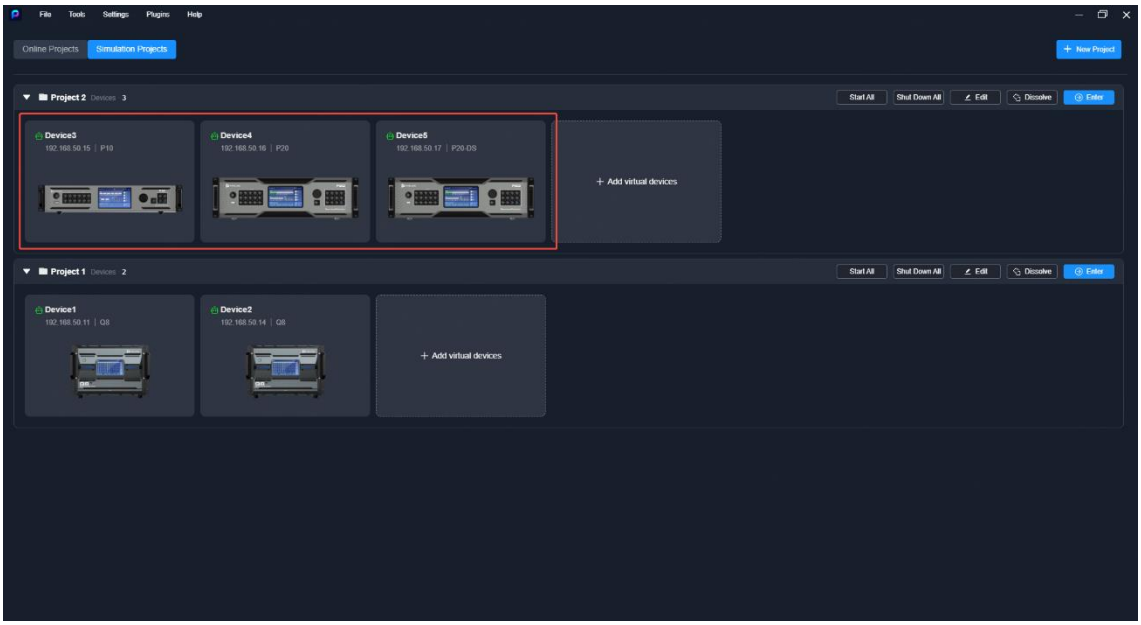
Click **Remove** to confirm returning the device to the default project.



2.4.4.8 Add Same Series Devices into One Project

Description

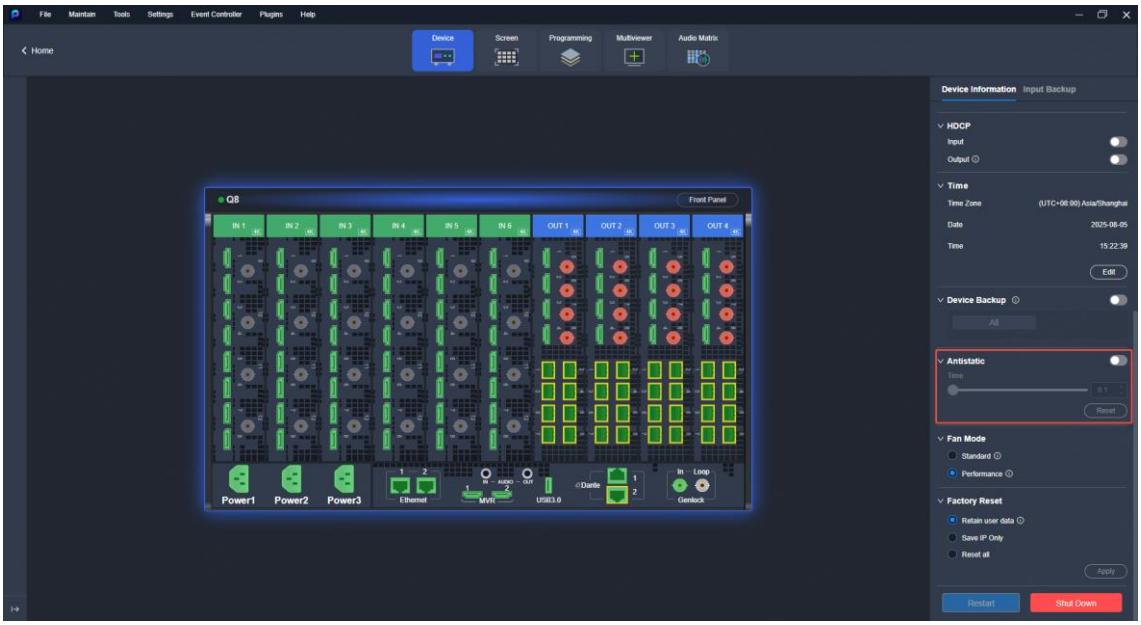
- Due to hardware design differences, P80 cannot be included with P10, P20, and P20-DS in the same project.
- P80 can form one project, while P10, P20, P20-DS form another. Q8 can be in a separate project.


File
Tools
Settings
Plugins
Help
Online Projects
Simulation Projects
New Project
Project 2
Devices 3
Start All
Shut Down All
Edit
Dissolve
Enter
Device3
192.168.50.15 | P10
Device4
192.168.50.16 | P20
Device5
192.168.50.17 | P20-DS
Add virtual devices
Project 1
Devices 2
Start All
Shut Down All
Edit
Dissolve
Enter
Device1
192.168.50.11 | Q8
Device2
192.168.50.14 | Q8
Add virtual devices

2.4.4.9 Antistatic Feature

Description

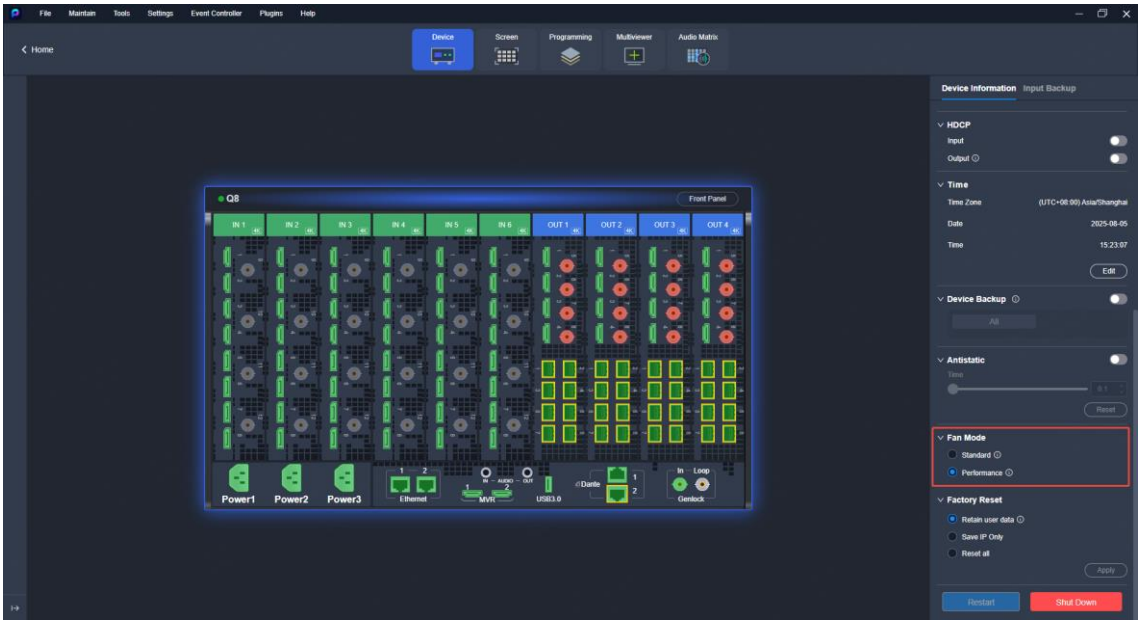
When activated, if the input signal becomes unstable and disconnects, the source state remains unchanged during a user-defined protection period. This prevents triggering input source hot backup, freezing the display to the last frame before disconnection until the source restores. If the source doesn't reconnect within the set time, it is handled as a disconnection.



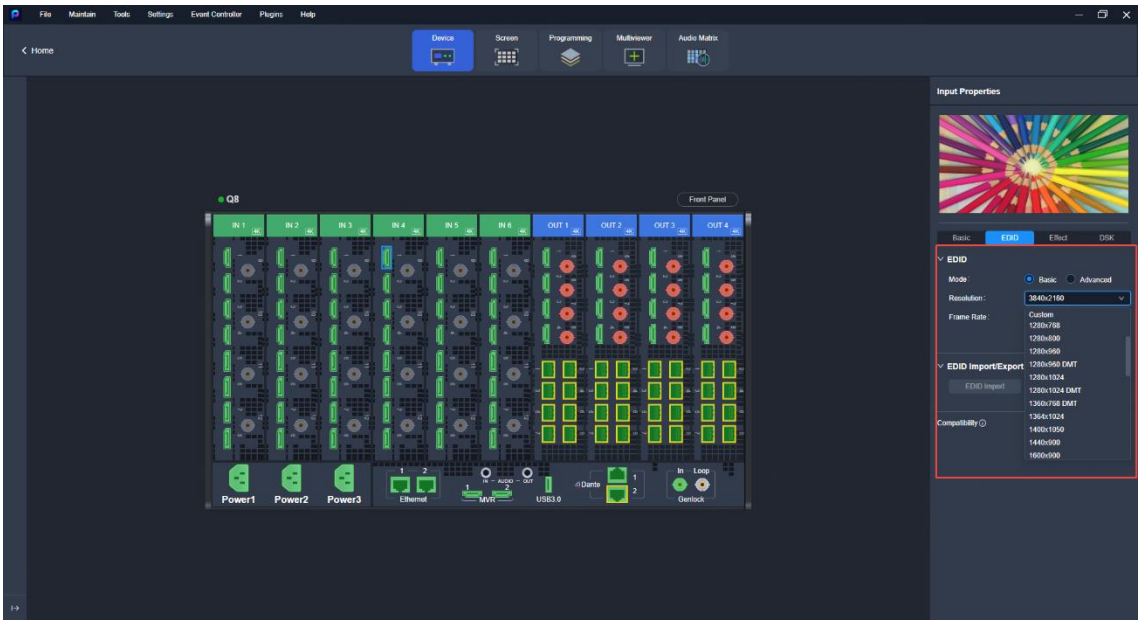
2.4.4.10 Fan Mode (Q8, P80)

Description

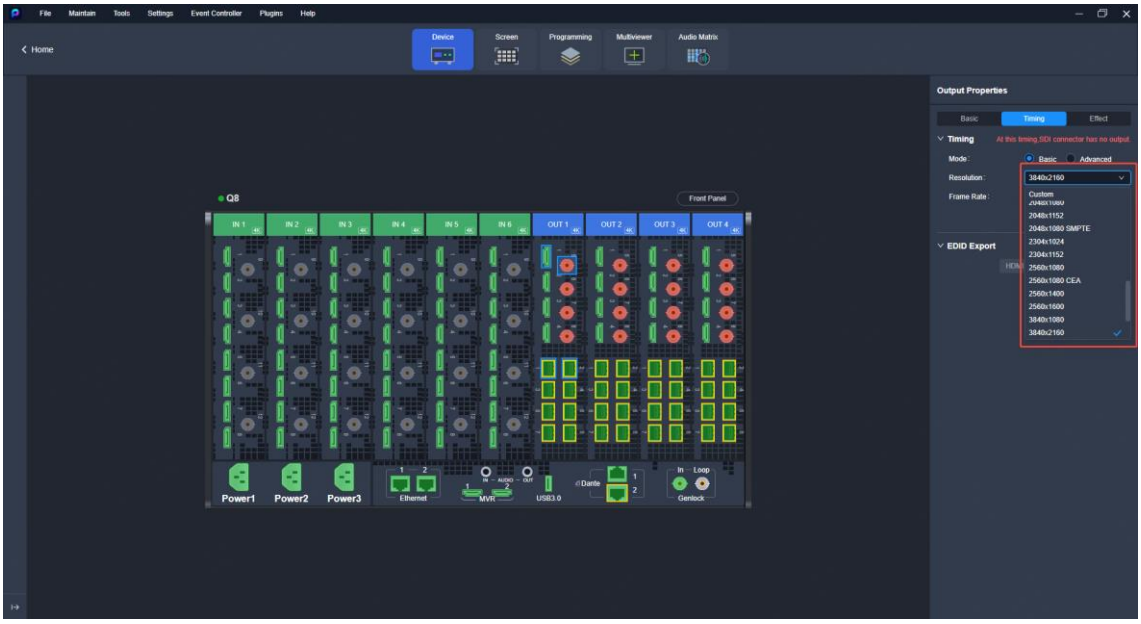
- Standard: Quieter operation
- Performance: Enhanced heat dissipation



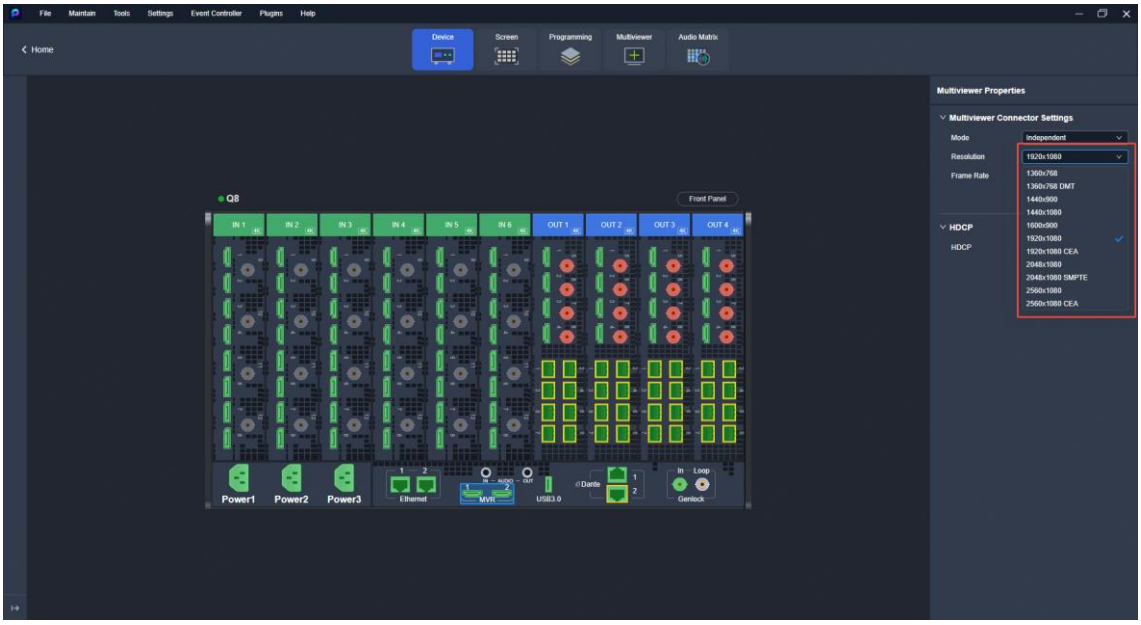
2.4.4.11 Input Resolution Suffix



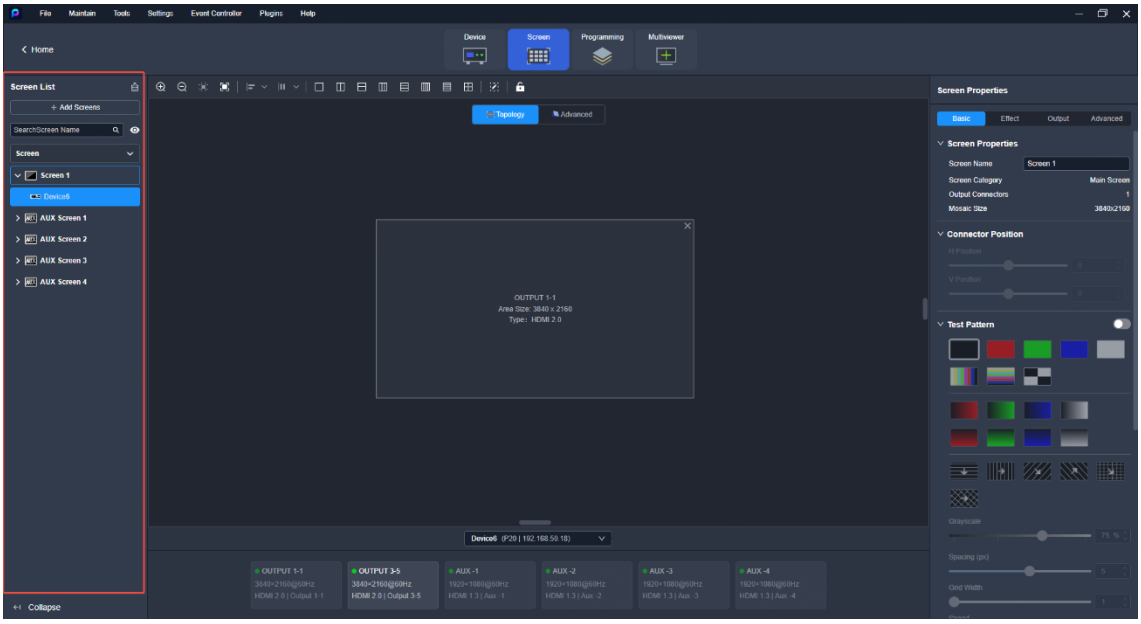
2.4.4.12 Output Resolution Suffix



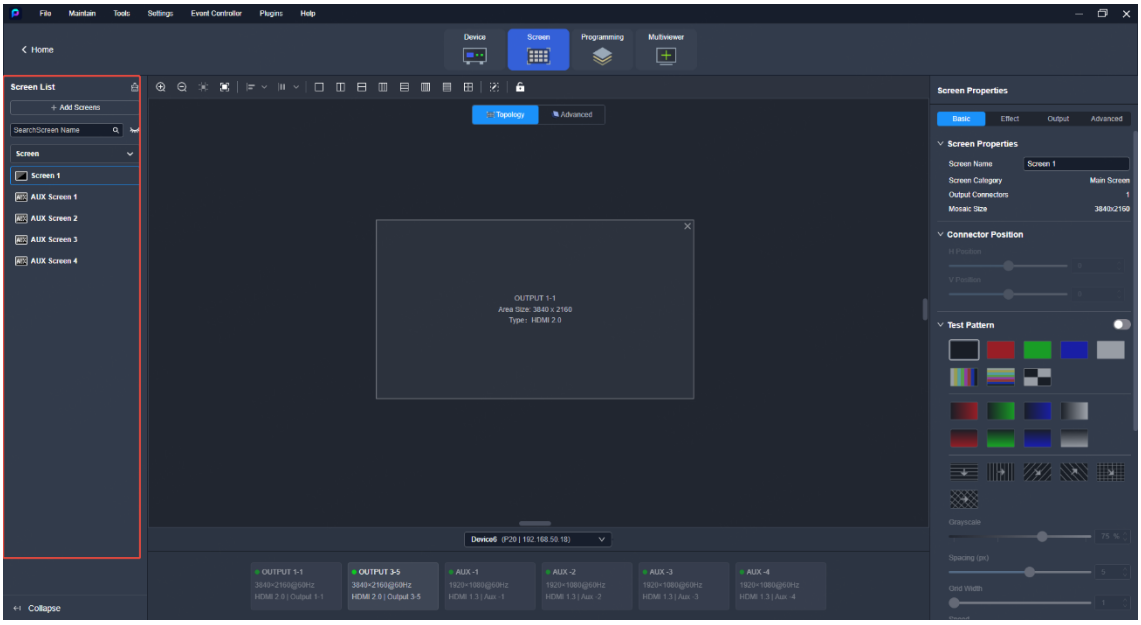
2.4.4.13 MVR Resolution Suffix



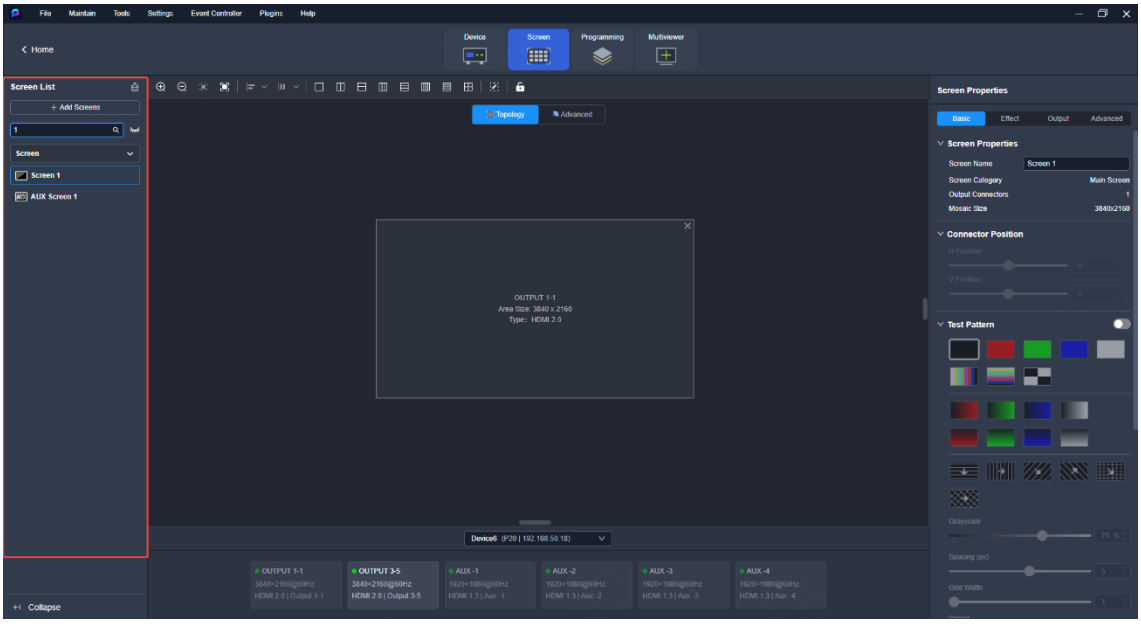
2.4.4.14 Left-Side Screen List



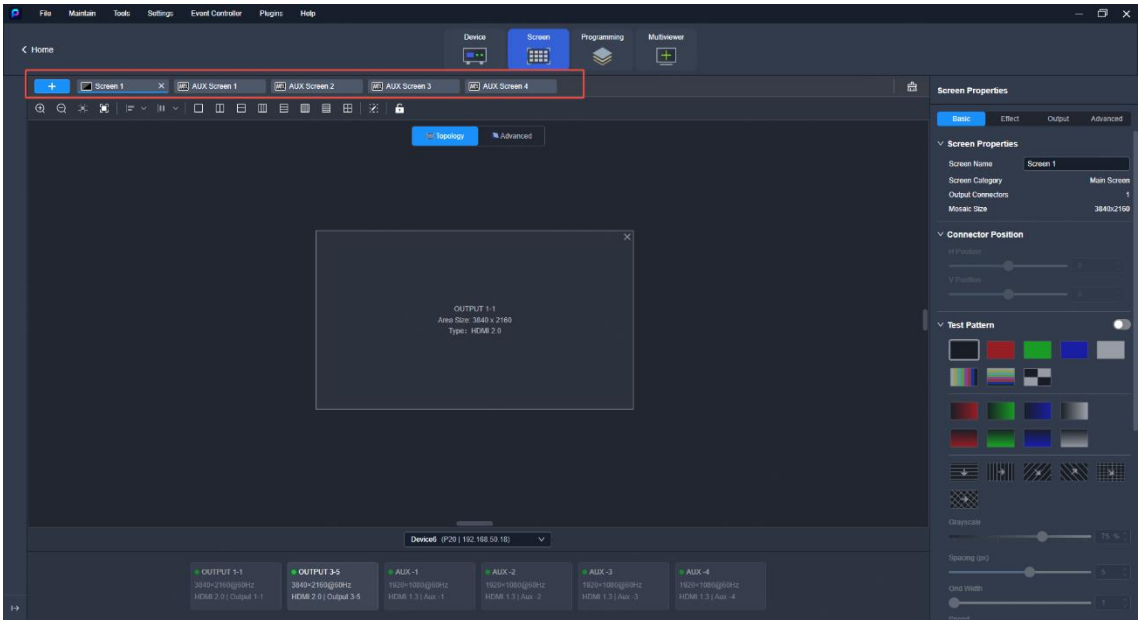
2.4.4.15 Hide Devices within Screen



2.4.4.16 Search Screens



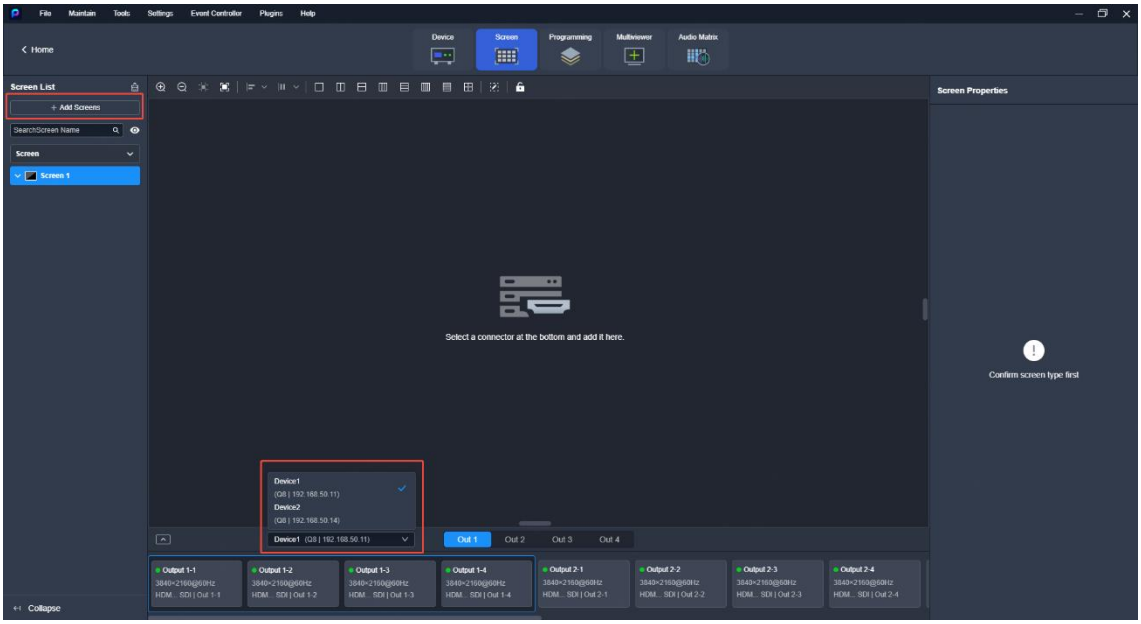
2.4.4.17 Collapse Left-Side Screen List



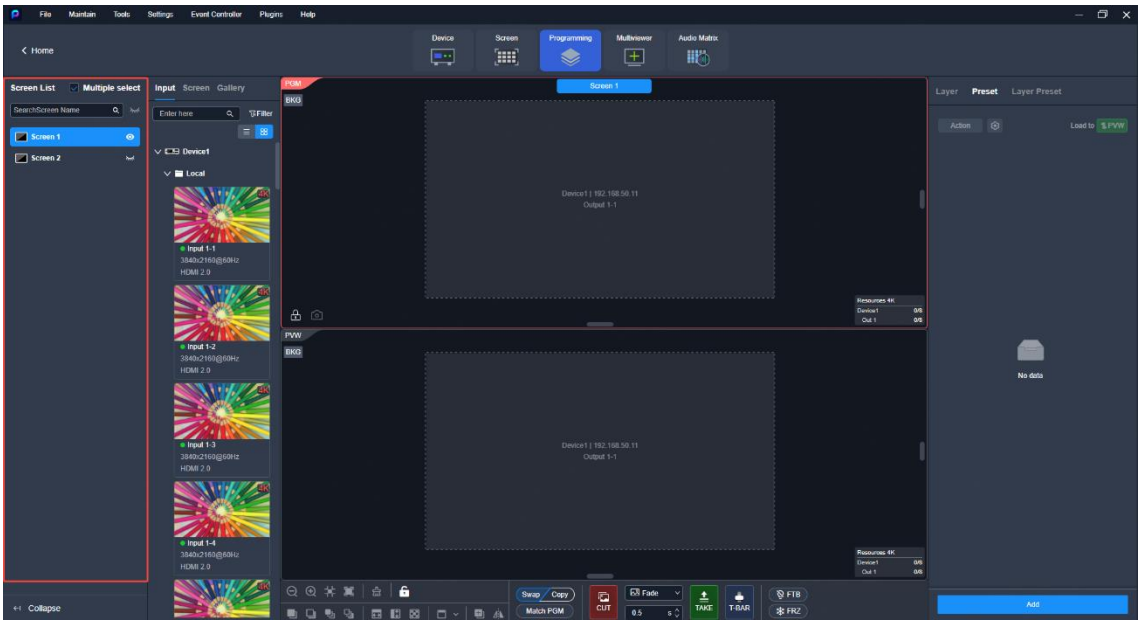
2.4.4.18 Create Empty Screens

Description

Click **Add Screens** then select device to create a screen with, and drag the connectors into the screen.



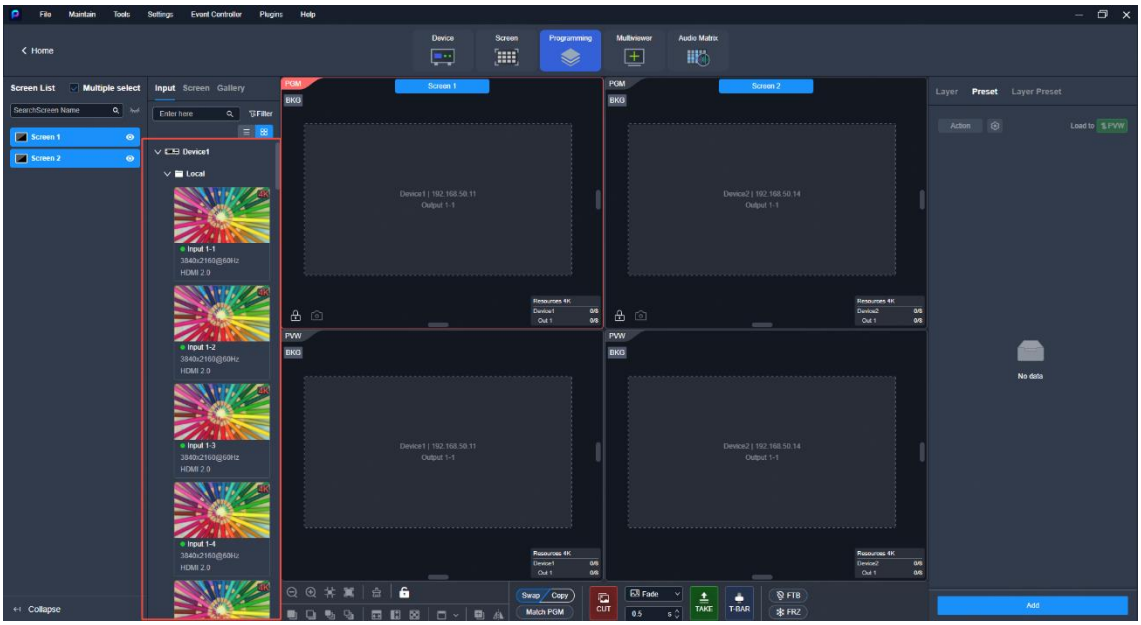
2.4.4.19 Left-Side Screen List of Programming Module

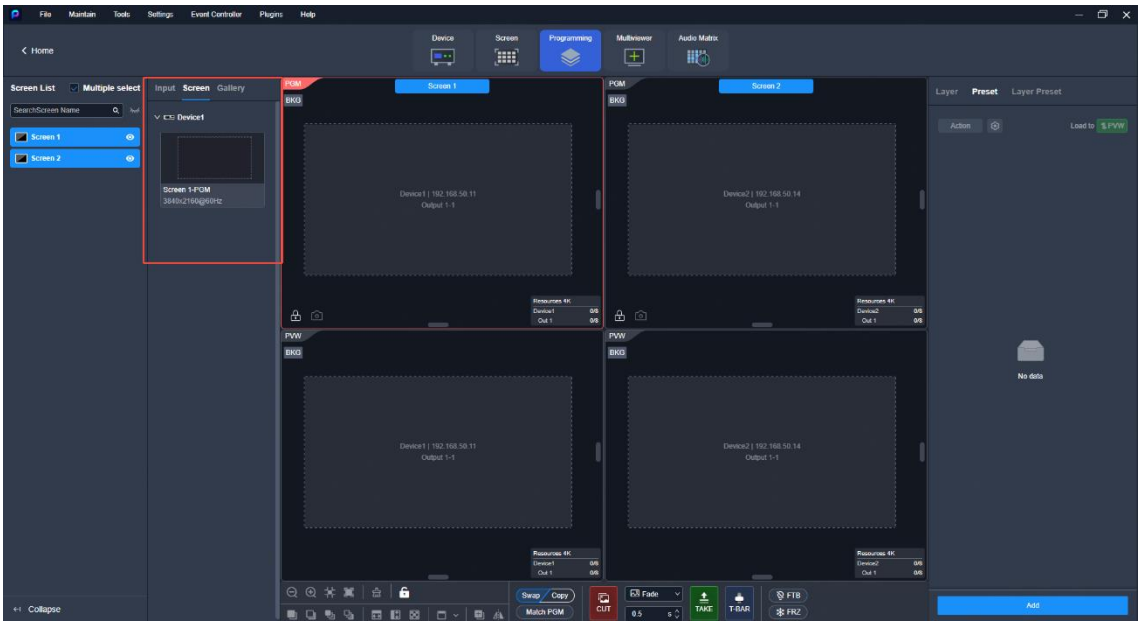


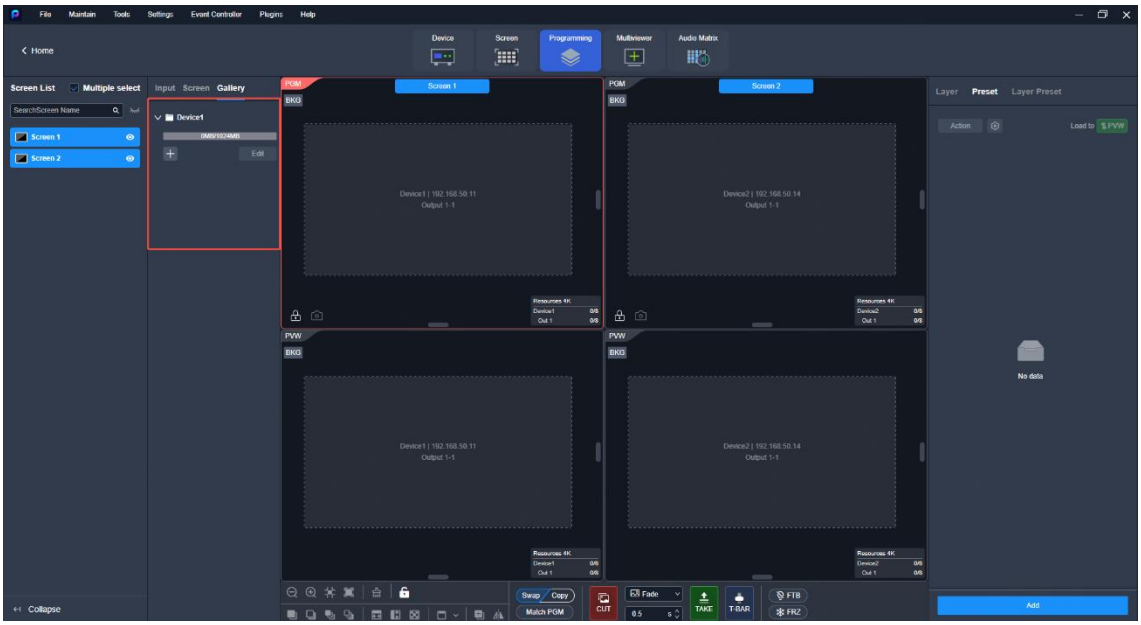
2.4.4.20 Input Source List

Description

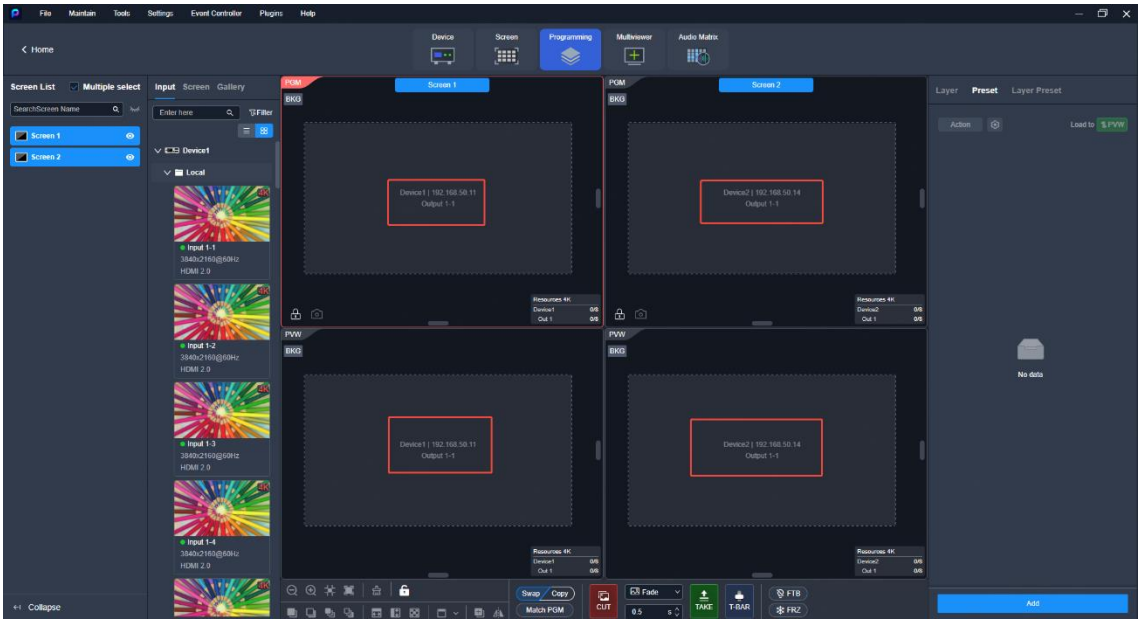
Displays the input source list, screen list, and gallery.







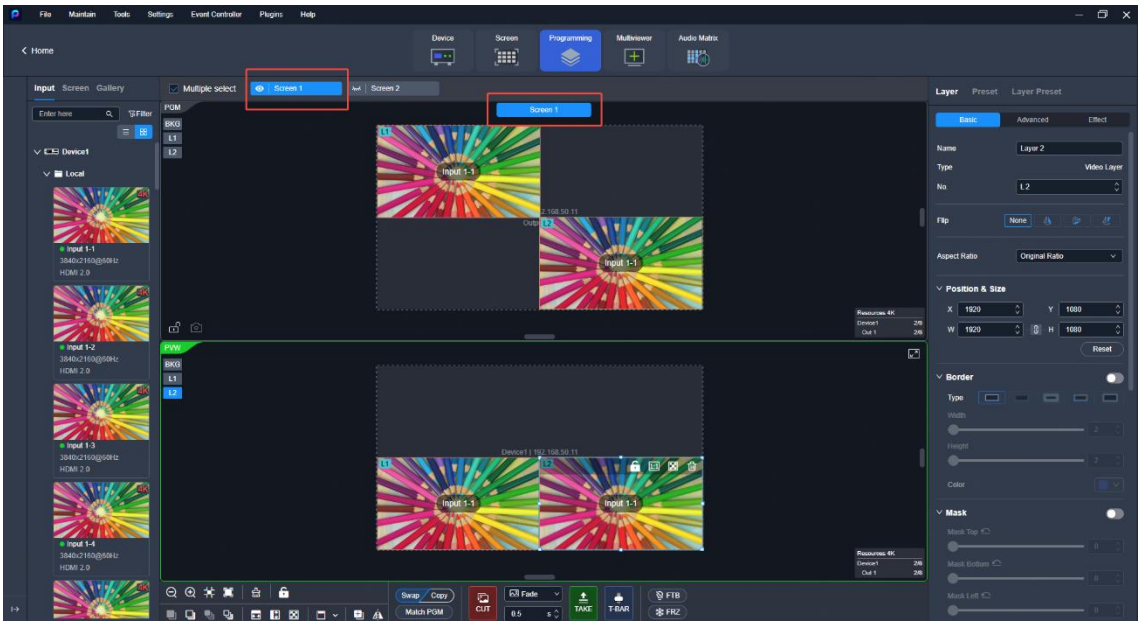
2.4.4.21 Screen Displays Device Name and IP



2.4.4.22 Select Screens

Description

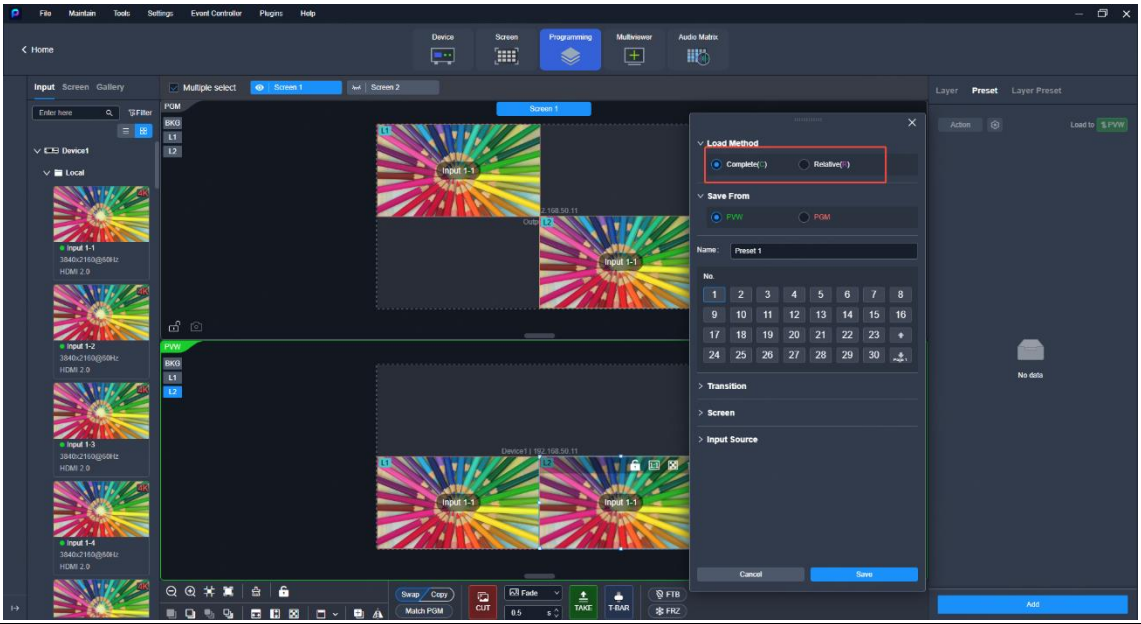
Add a selection button within the screen that links to the screen list's state.



2.4.4.23 Save Presets - Load Method

Description

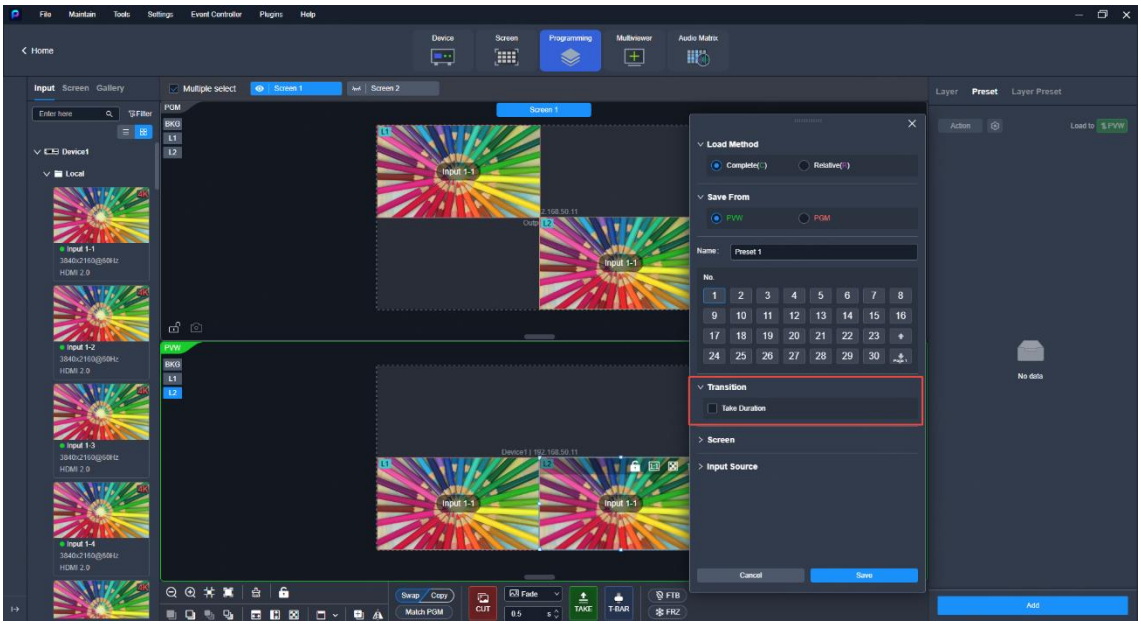
- Complete: Close layers not included upon loading.
- Relative: Keep layers unchanged upon loading.



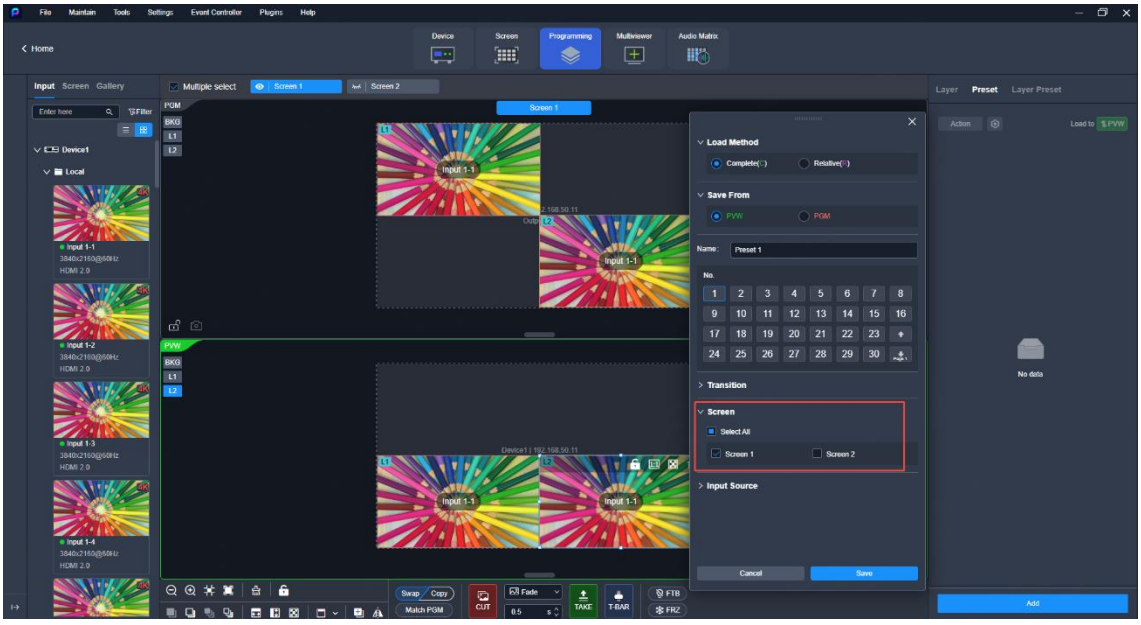
2.4.4.24 Save Presets - Transition

Description

Transition effect after load becomes active according to set duration.



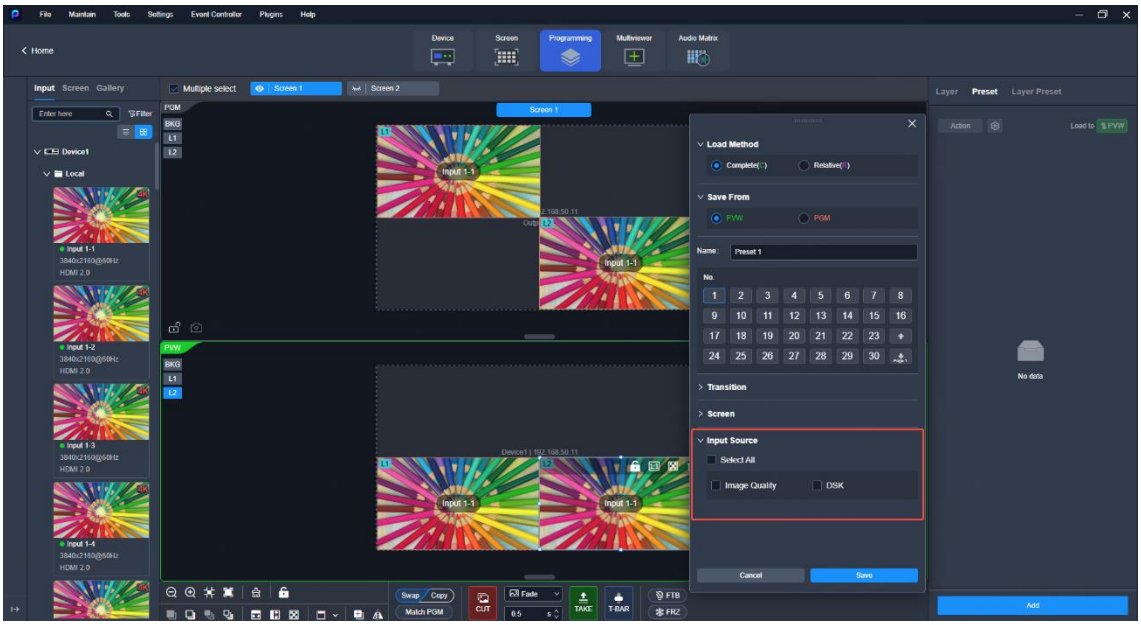
2.4.4.25 Save Presets - Screen



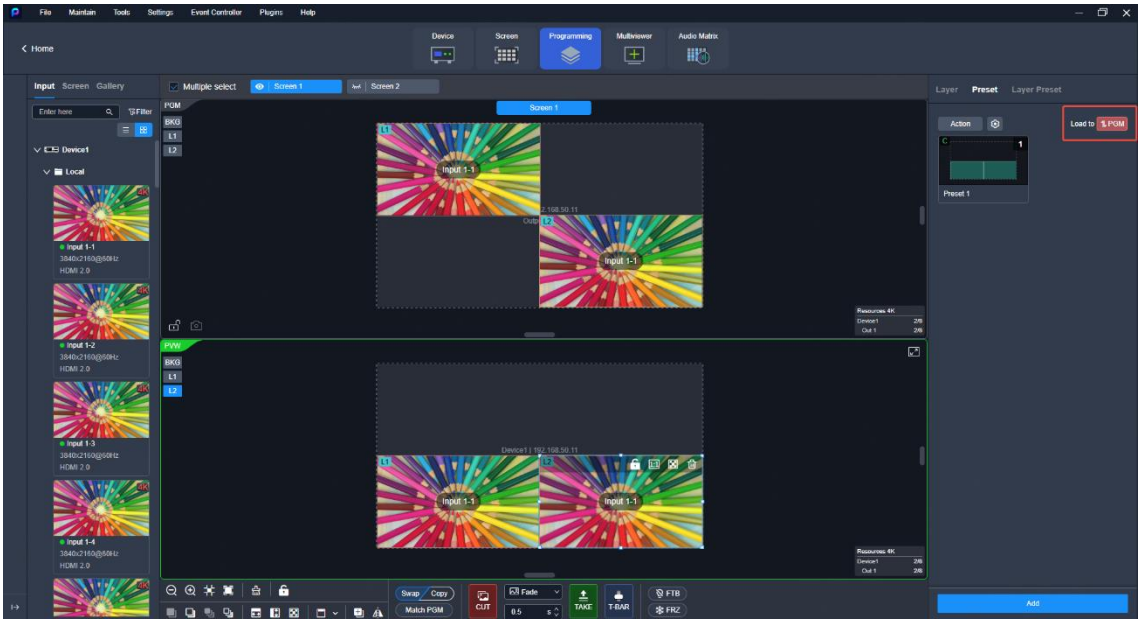
2.4.4.26 Save Presets - Input Source

Description

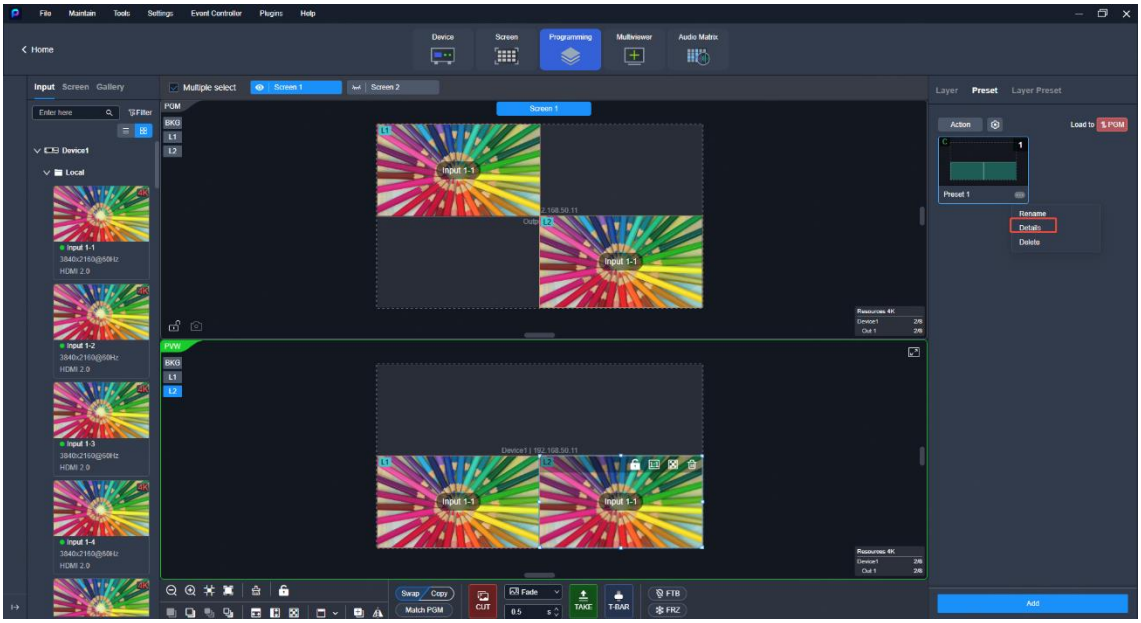
When saving presets, choose the image quality and DSK.

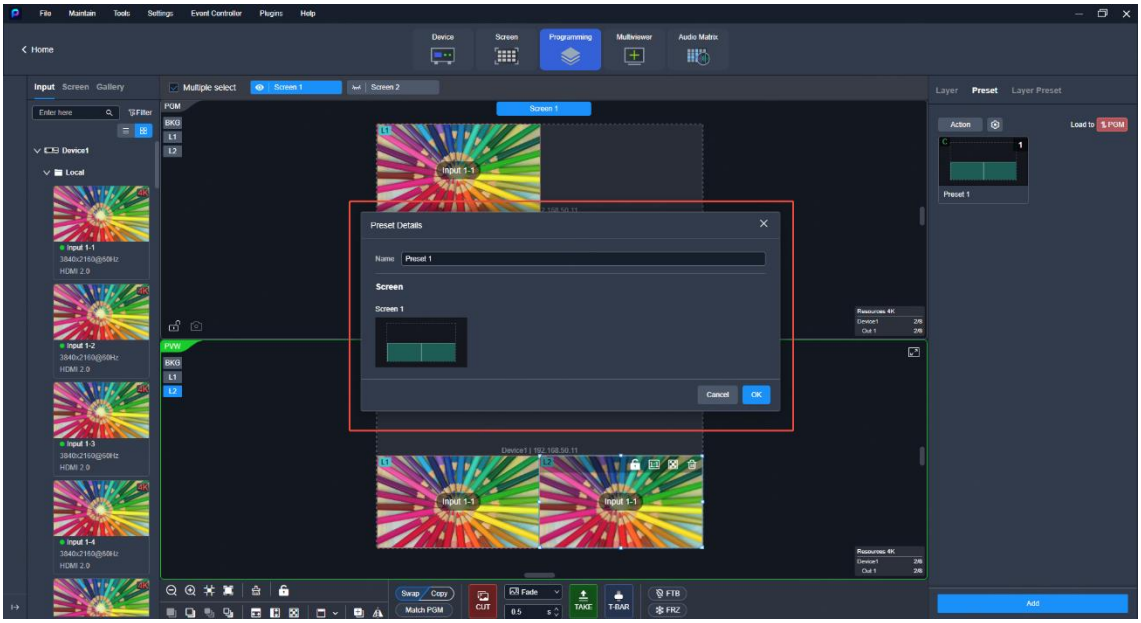


2.4.4.27 Load Presets - Load to PGM



2.4.4.28 Preset Details

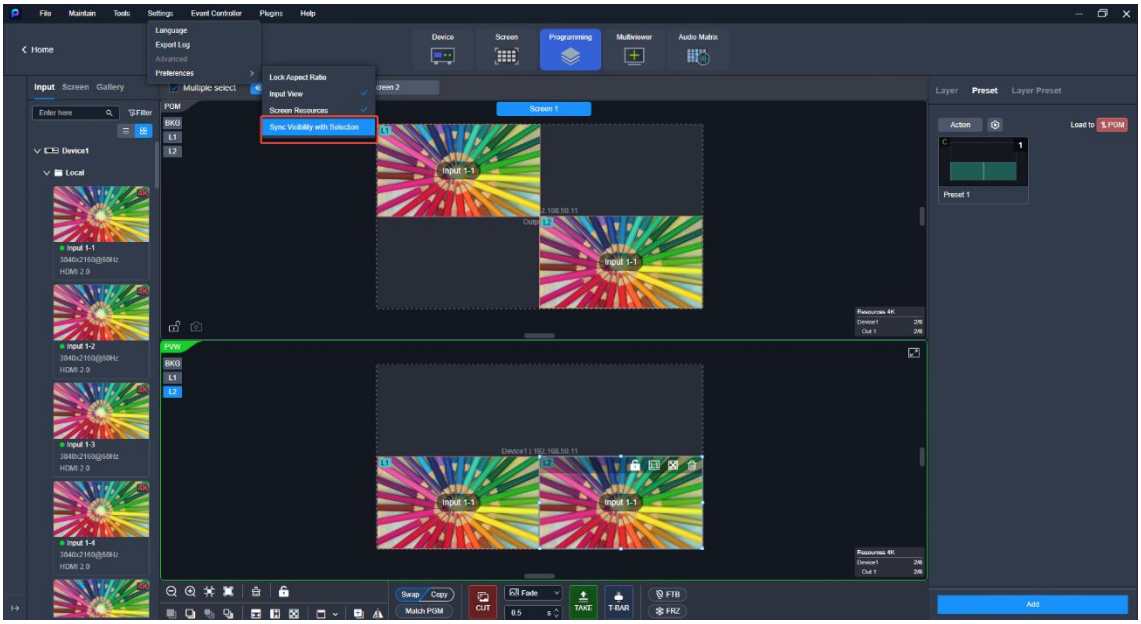




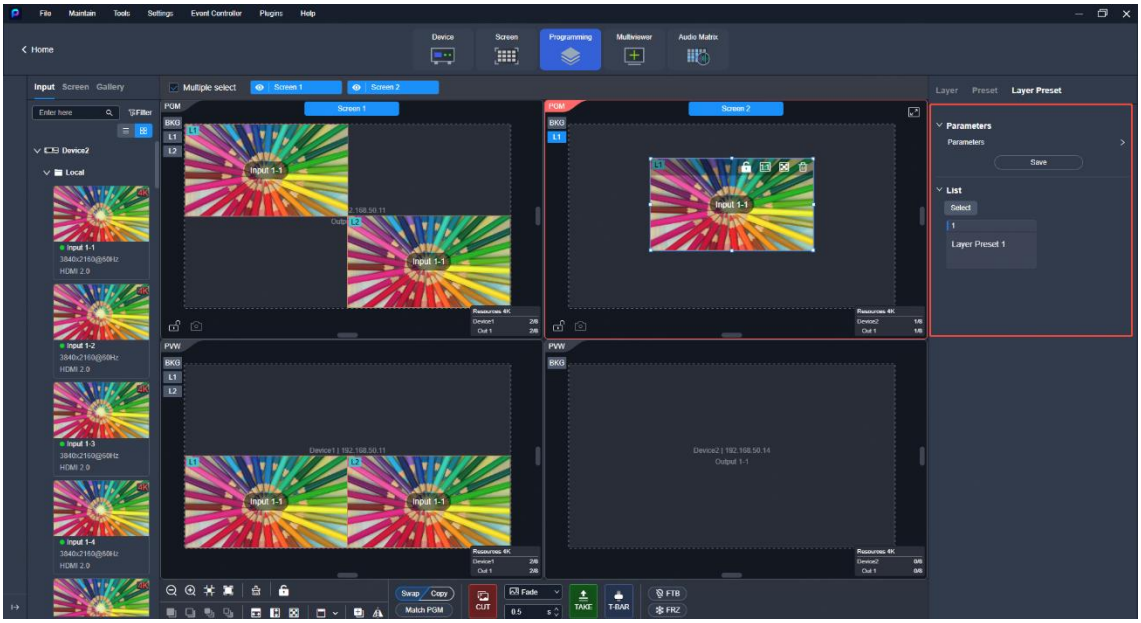
2.4.4.29 Preferences - Sync Visibility with Selection

Description

Add **Preferences** - **Sync Visibility with Selection** menu option to make screens visible upon selection, or independent when deselected.



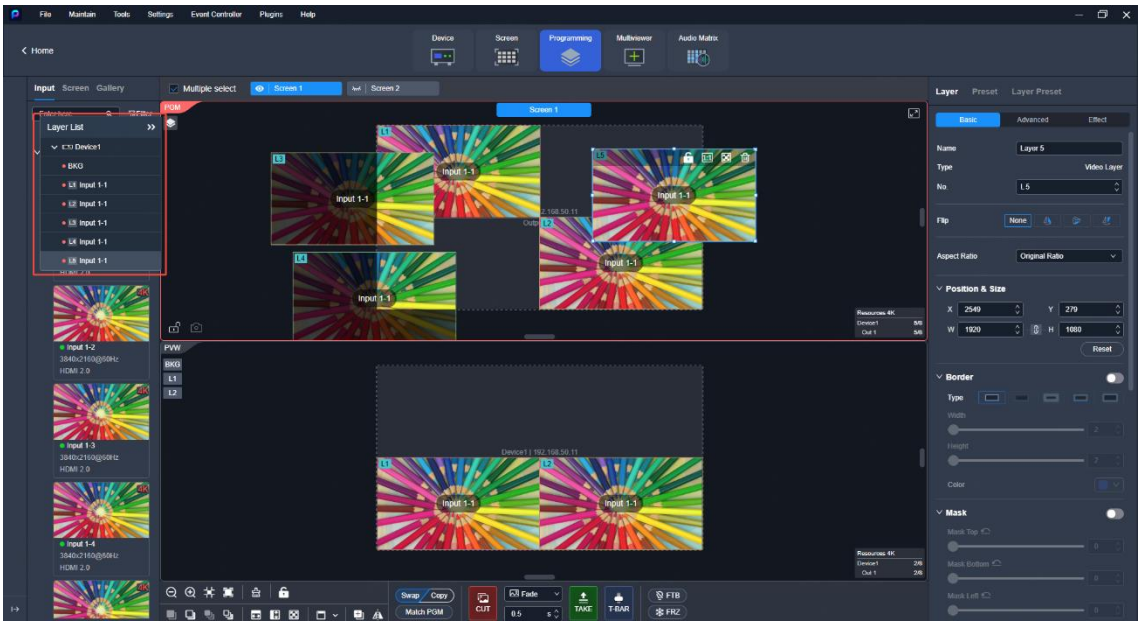
2.4.4.30 Layer Presets Display by Activated Screen Devices



2.4.4.31 Collapse/Expand Layer Number List

Description

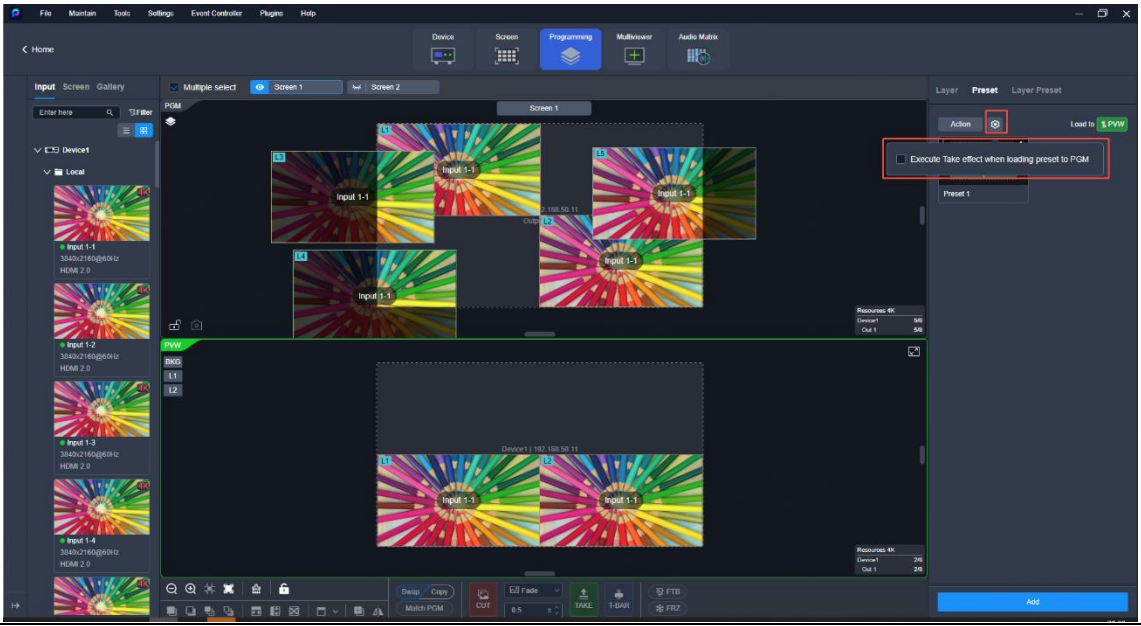
Collapse when regular layers exceed five.

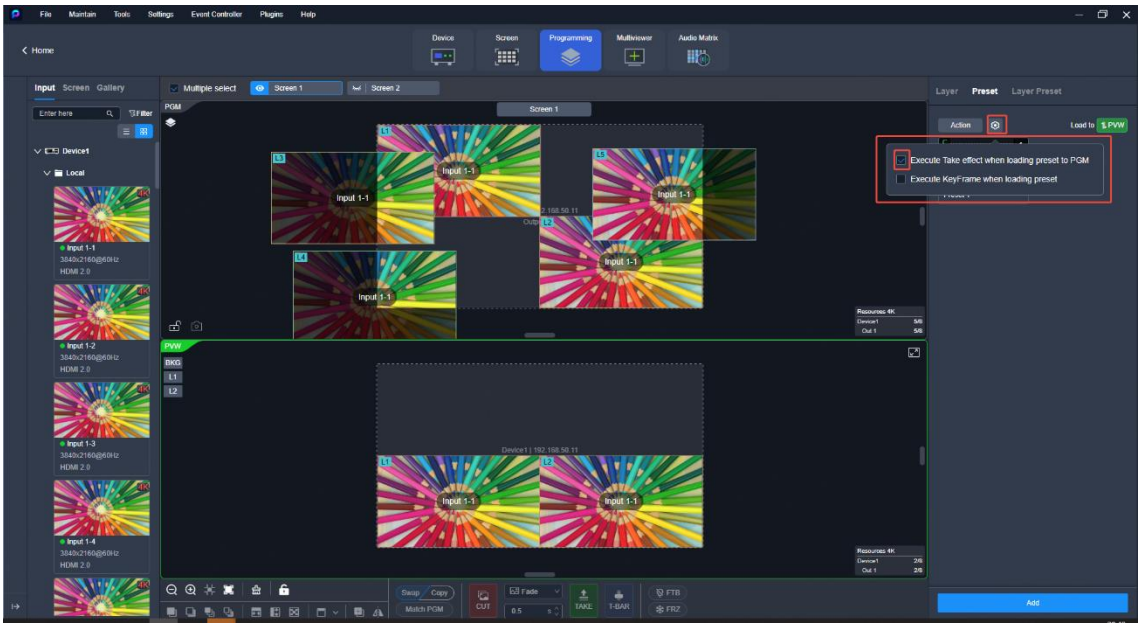


2.4.4.32 Preset Loading Settings

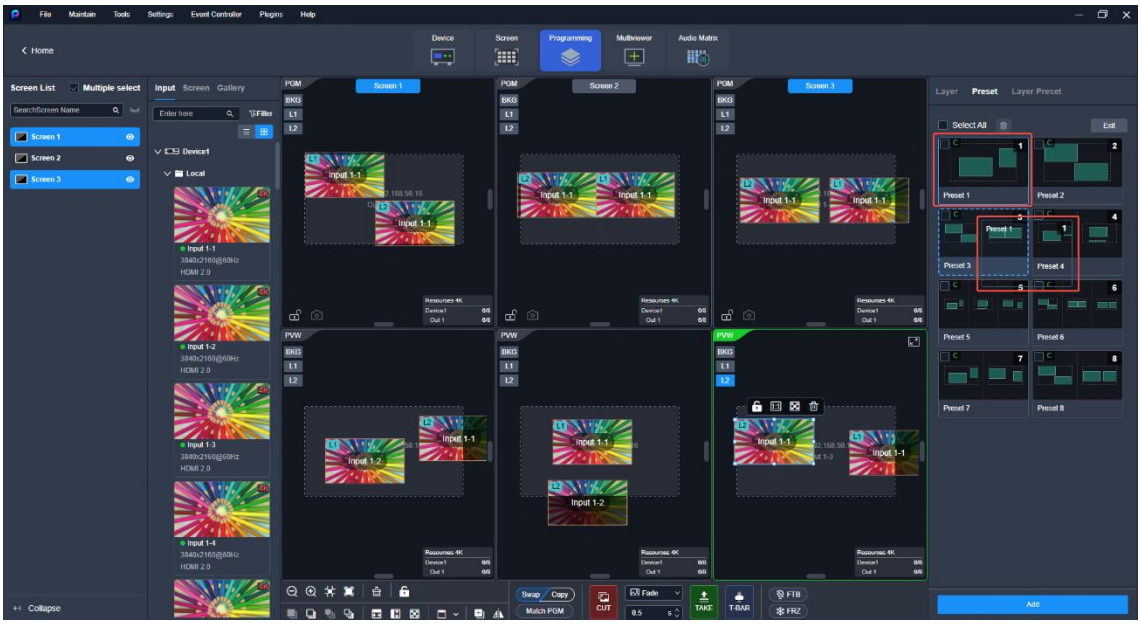
Description

- Choose whether to execute Take effect when loading preset to PGM.
- Choose whether to execute KeyFrame post Take effect during preset loading.





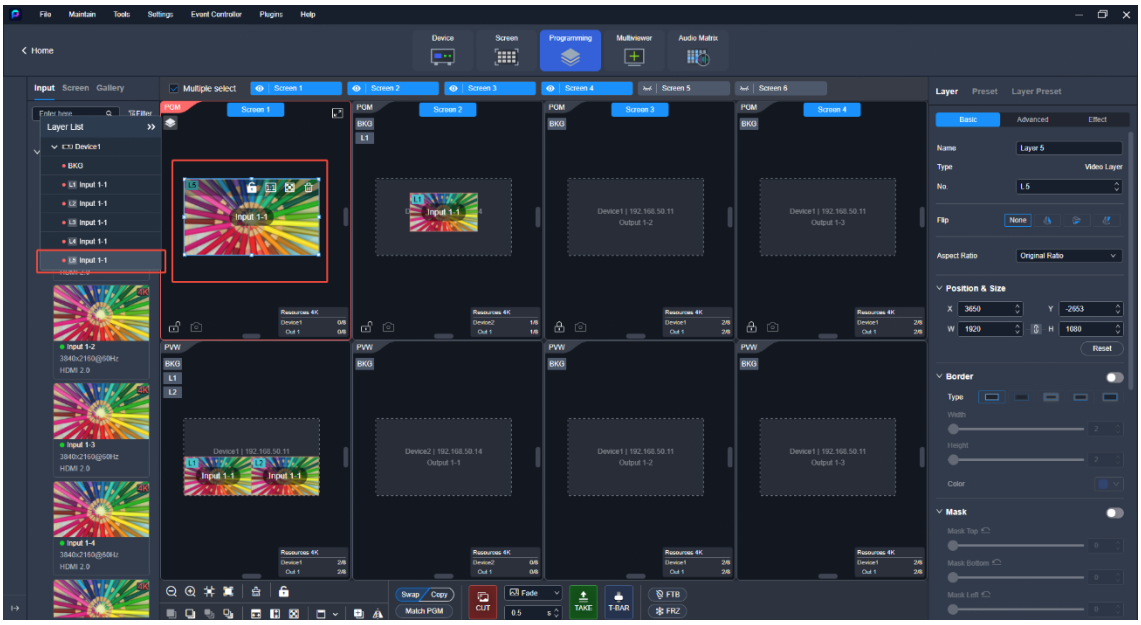
2.4.4.33 Drag and Sort Preset List



2.4.4.34 Scale to Selected Element in Layer Selection

Description

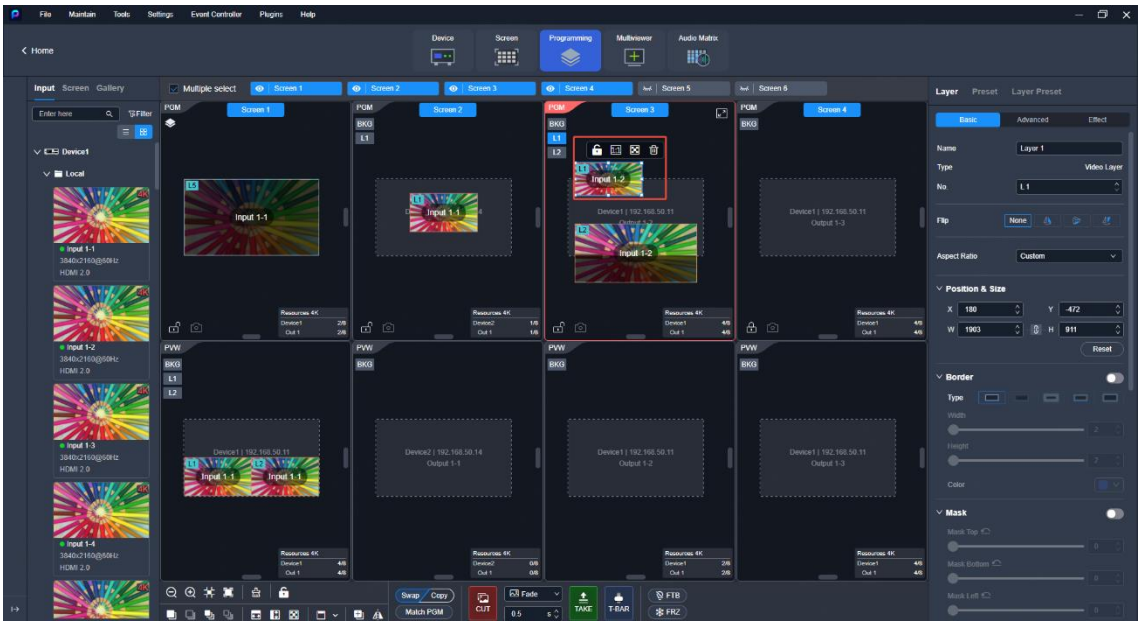
Automatically scale to selected layer if not visible in the current screen area.

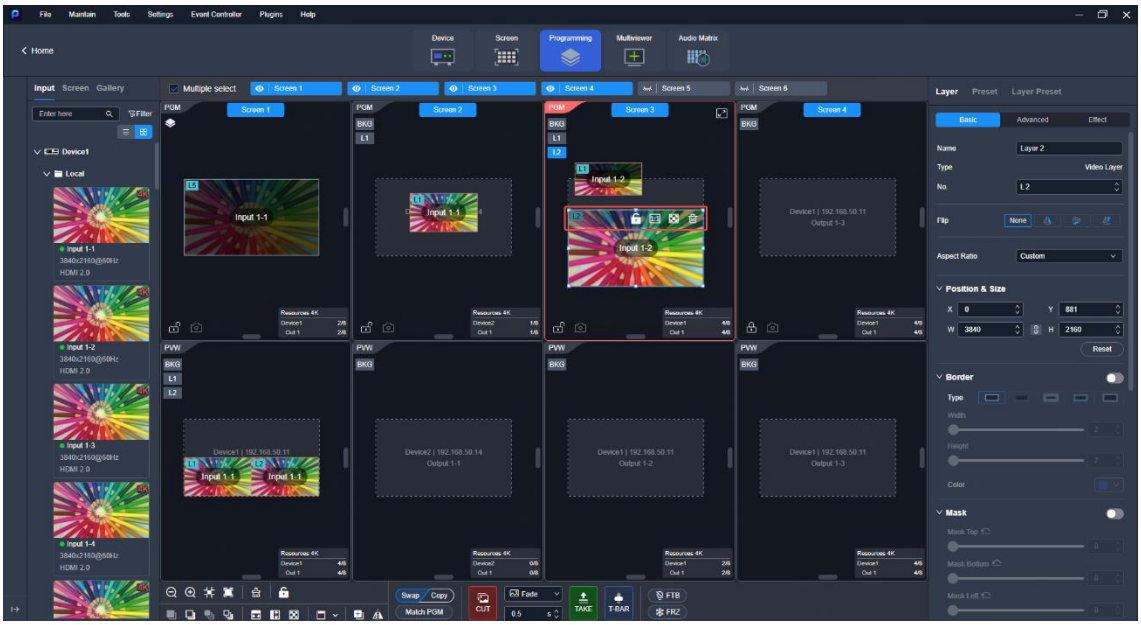


2.4.4.35 Layer Toolbar Display Position

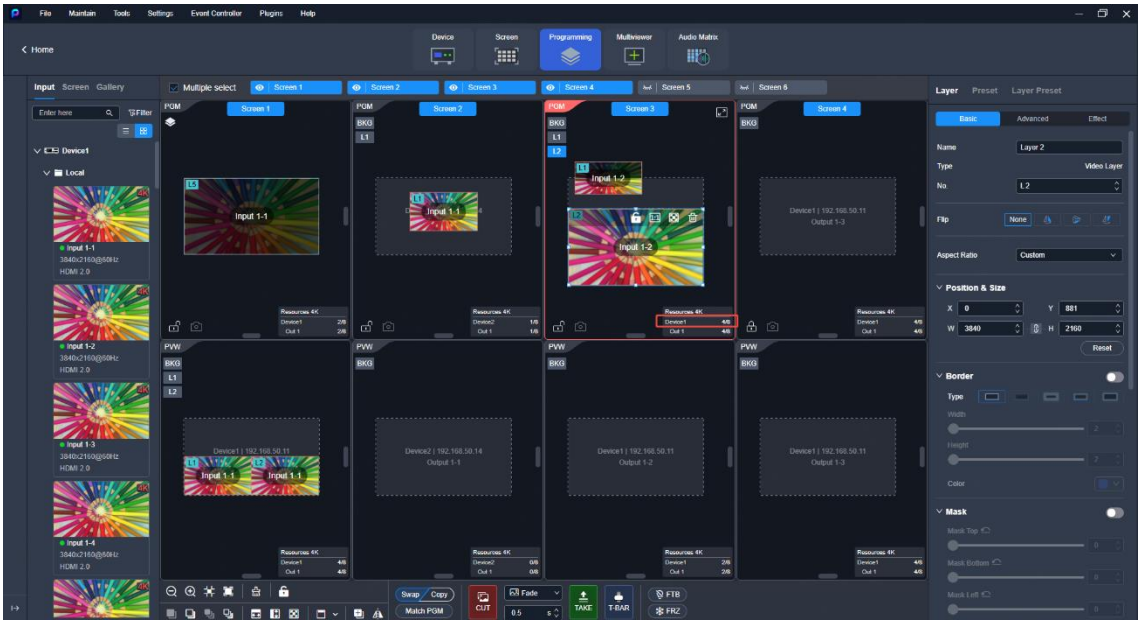
Description

If toolbar width exceeds layer width, the toolbar displays outside the layer; otherwise, displays internally.

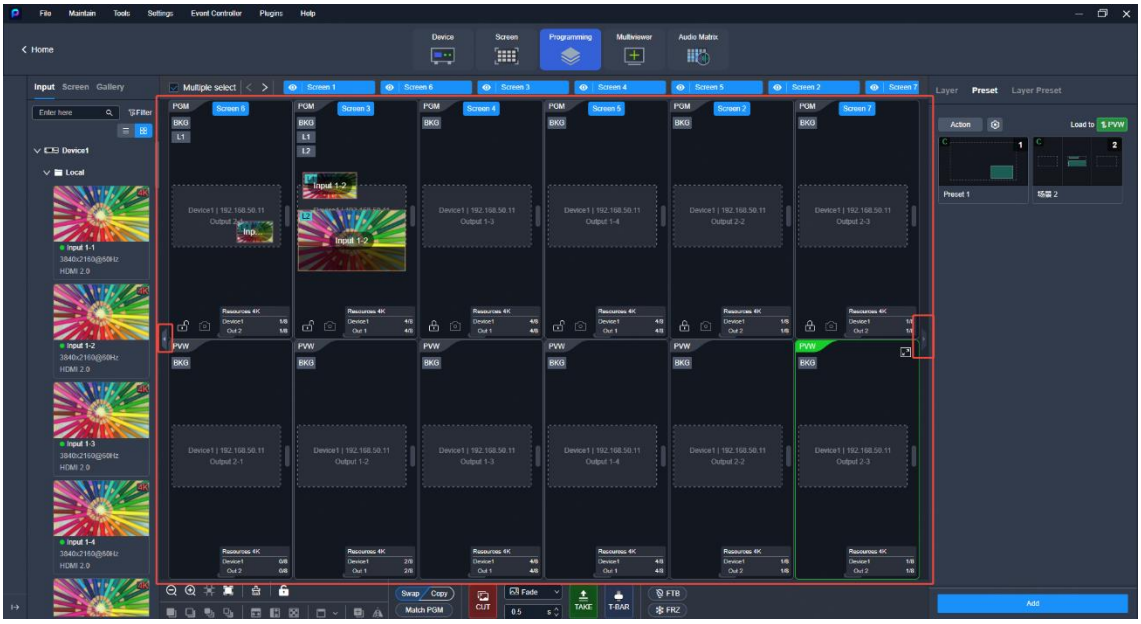




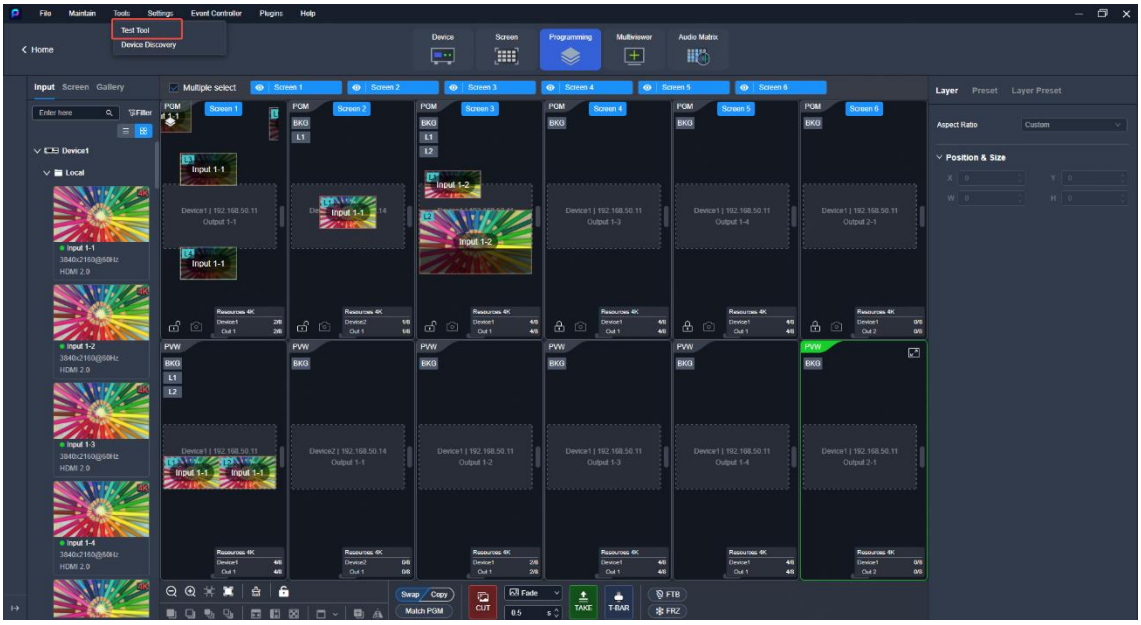
2.4.4.36 Resource Display Aggregated by Device Dimension

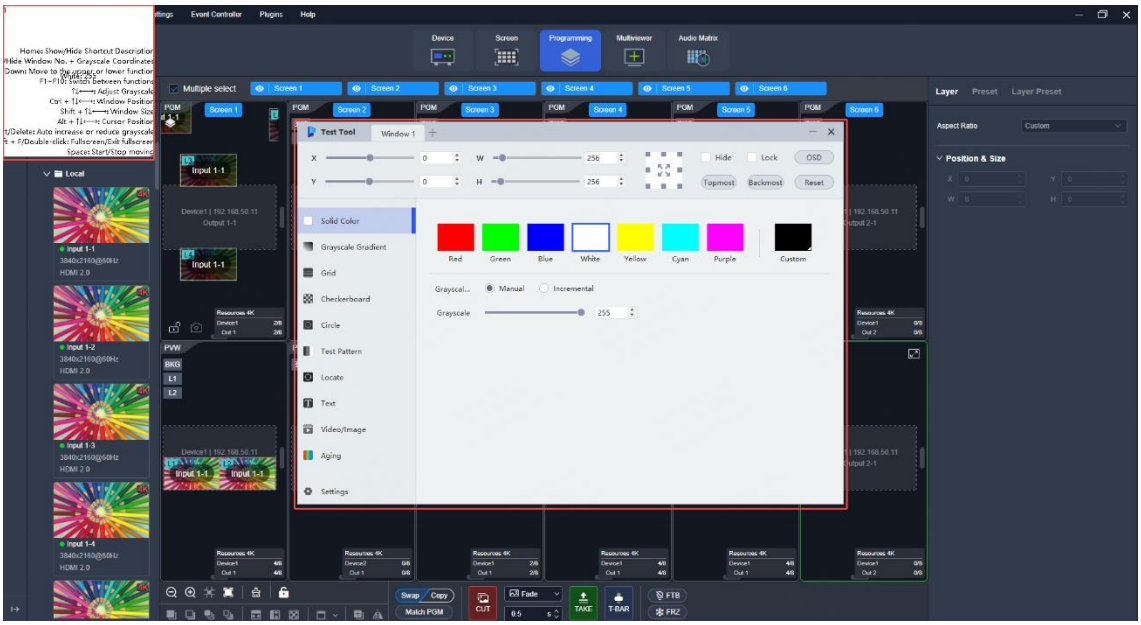


2.4.4.37 Up to Six Screens Visible in Canvas Area

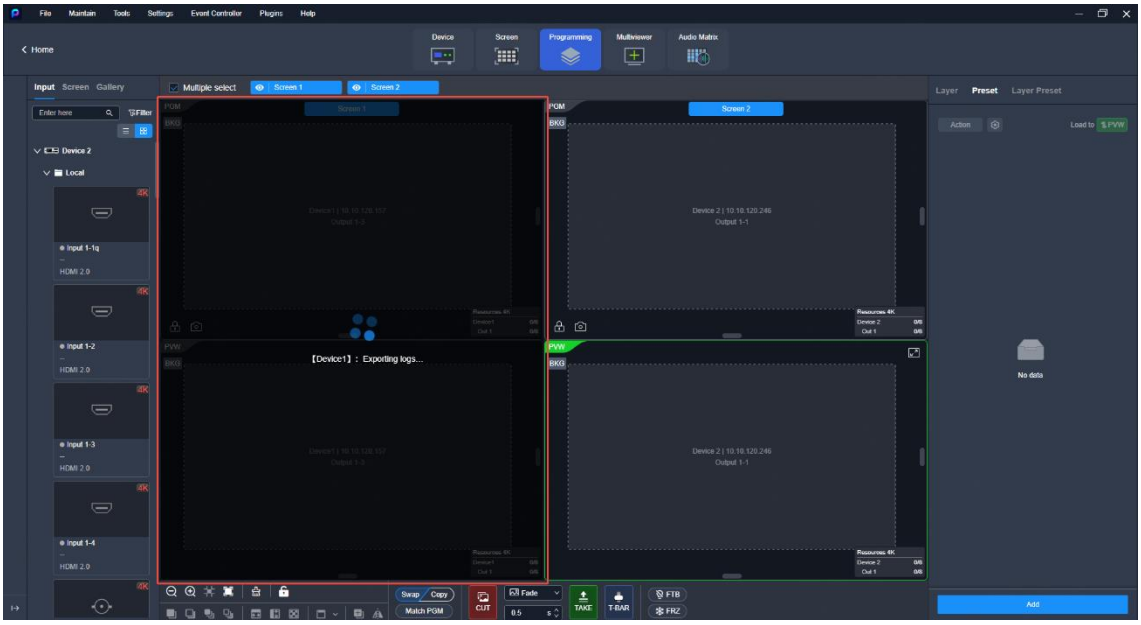


2.4.4.38 Test Tool





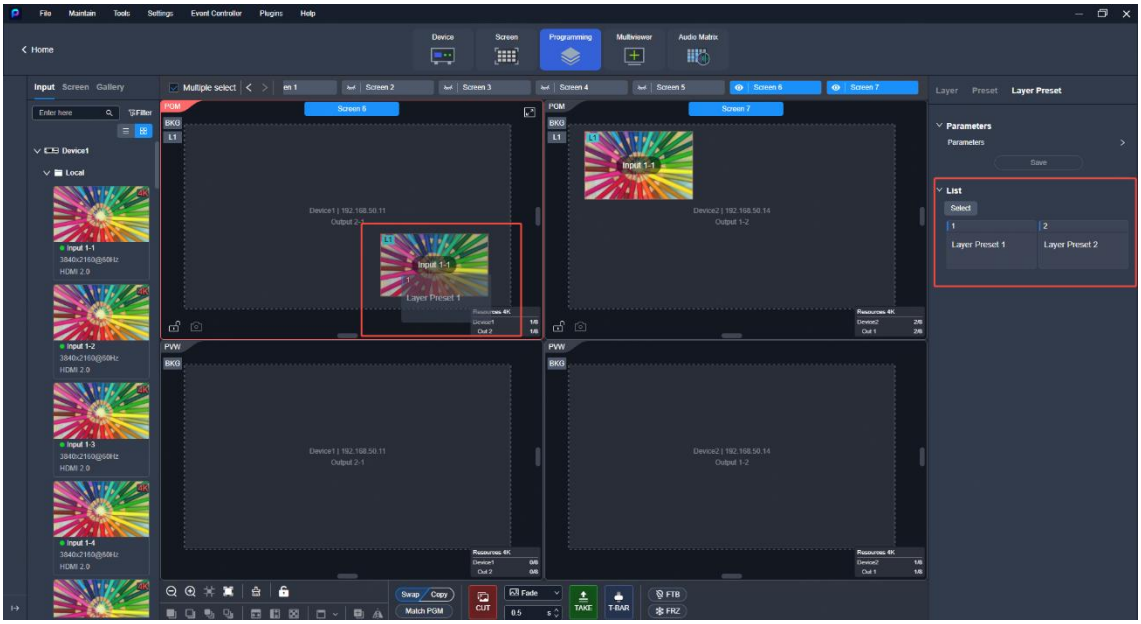
2.4.4.39 Screen Load Status Displayed by Device Dimension



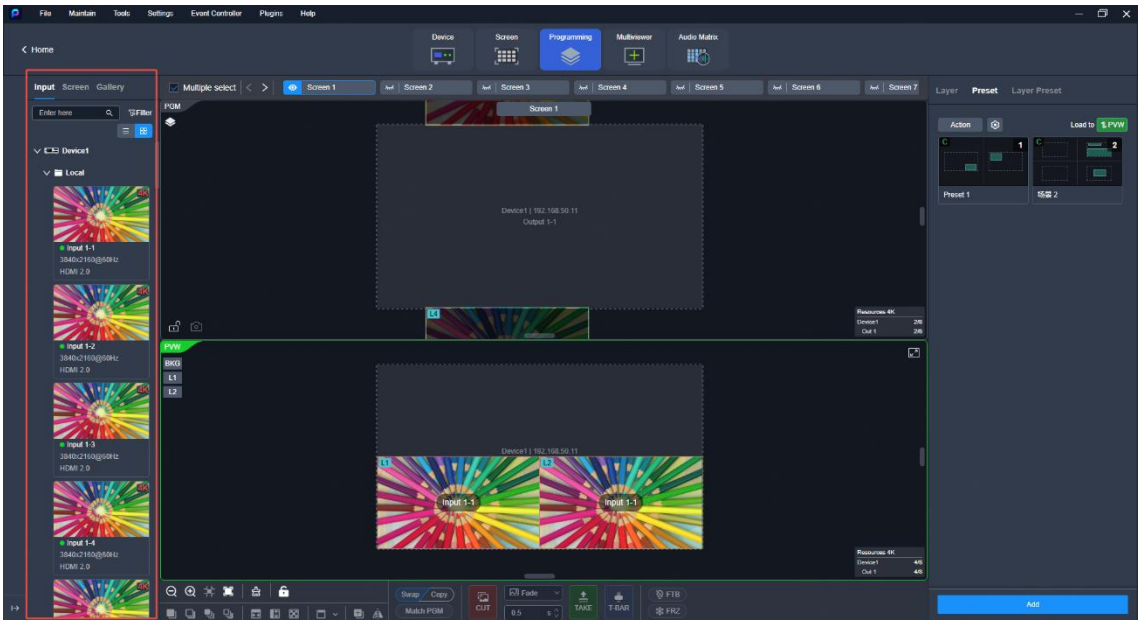
2.4.4.40 Cross-Device Layer Preset Application

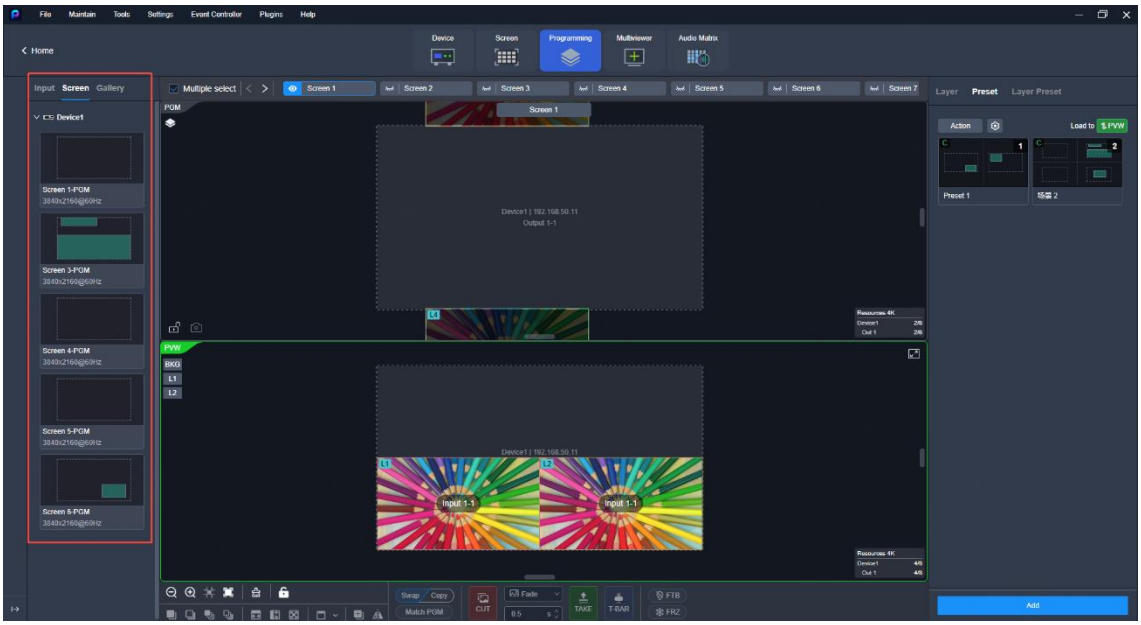
Description

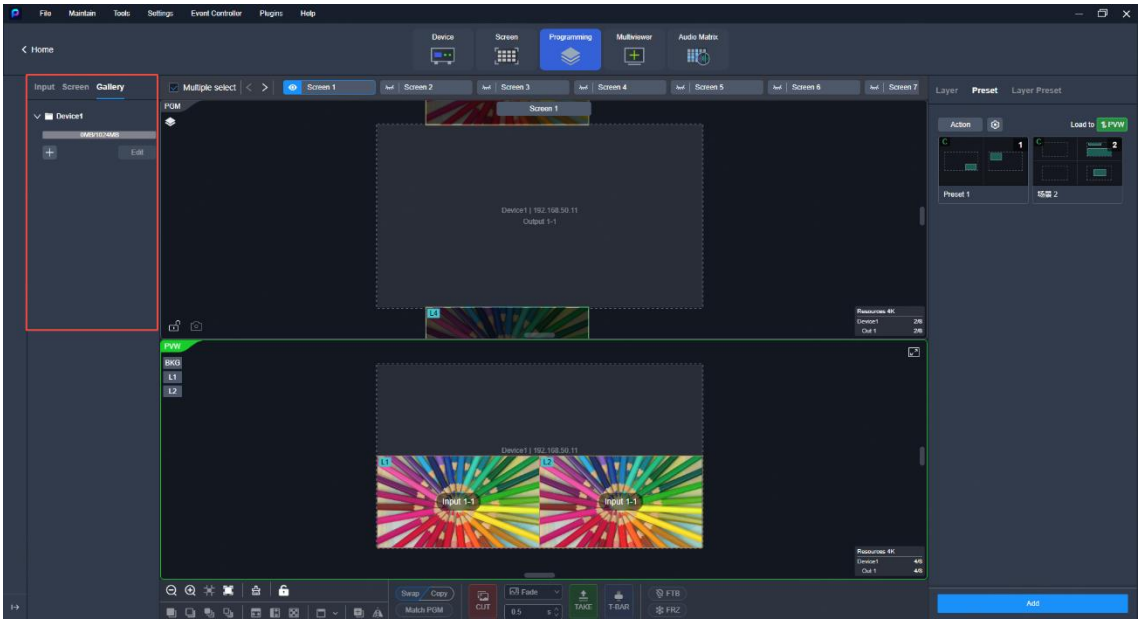
Allows for applying layer presets from device A to device B.



2.4.4.41 Input Sources, Screens, Gallery Displayed by Device Dimension




File
Maintain
Tools
Settings
Event Controller
Plugins
Help
Home
Device
Screen
Programming
Multiviewer
Audio Matrix
Input
Screen
Gallery
Device1
Screen 1-PGM
Screen 3-PGM
Screen 4-PGM
Screen 5-PGM
Screen 6-PGM
Multiple select
Screen 1
Screen 2
Screen 3
Screen 4
Screen 5
Screen 6
Screen 7
PGM
Device1 | 192.168.50.11
Output 1-1
PVW
BKG
L1
L2
Input 1-1
Layer
Preset
Layer Preset
Action
Load to PVW
Preset 1
Add
Swap
Copy
Match PGM
CUT
Fade
TAKE
T-BAR
FTB
FRZ

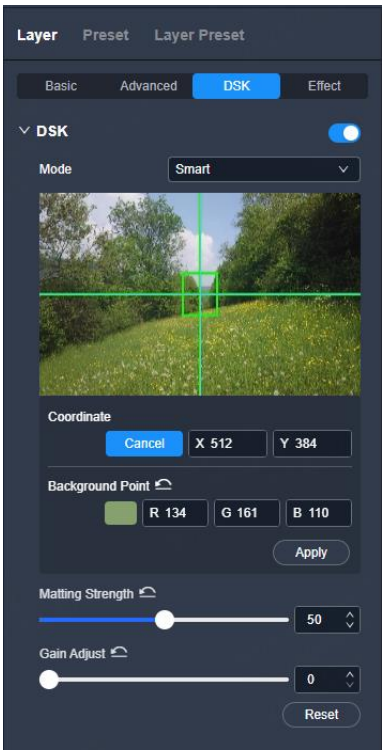

File
Maintain
Tools
Settings
Event Controller
Plugins
Help
Home
Device
Screen
Programming
Multiviewer
Audio Matrix
Input
Screen
Gallery
Device1
Edit
Multiple select
Screen 1
Screen 2
Screen 3
Screen 4
Screen 5
Screen 6
Screen 7
PGM
Device1 | 192.168.50.11
Output 1-1
PVW
BKG
L1
L2
Input 1-1
Layer
Preset
Layer Preset
Action
Load to PVW
Preset 1
Add
Swap
Copy
Match PGM
CUT
Fade
TAKE
T-BAR
FTB
FRZ

2.4.5 Improvements

2.4.5.1 Layer Smart Keying Operation Optimization (P20, P10, P20-DS)

Description

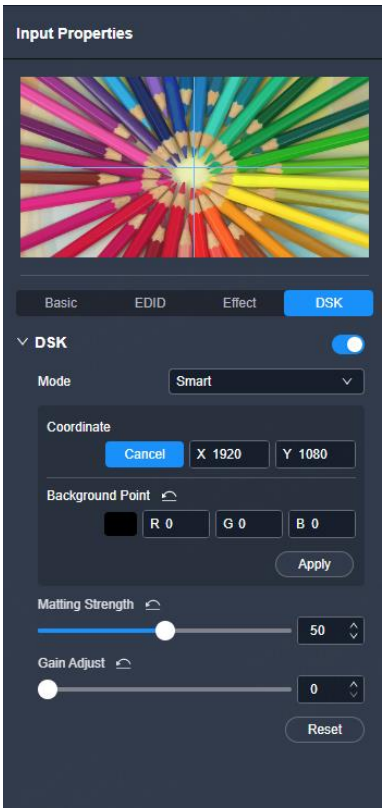
After selecting **Smart** for the DSK mode, click **Apply** to use the selected parameters. The **Apply** button now includes a graying-out logic: it becomes clickable only after modifying the parameters; otherwise, it remains disabled.



2.4.5.2 Input Connector Smart Keying Operation Optimization (Q8)

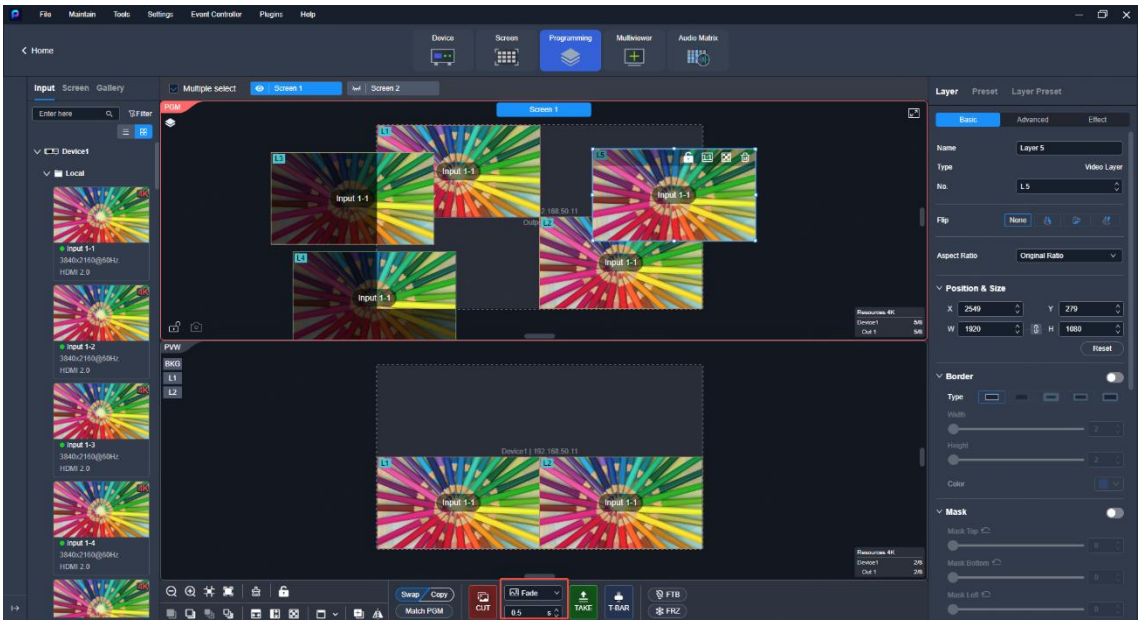
Description

After selecting **Smart** for the DSK mode, click **Apply** to use the selected parameters. The **Apply** button now includes a graying-out logic: it becomes clickable only after modifying the parameters; otherwise, it remains disabled.

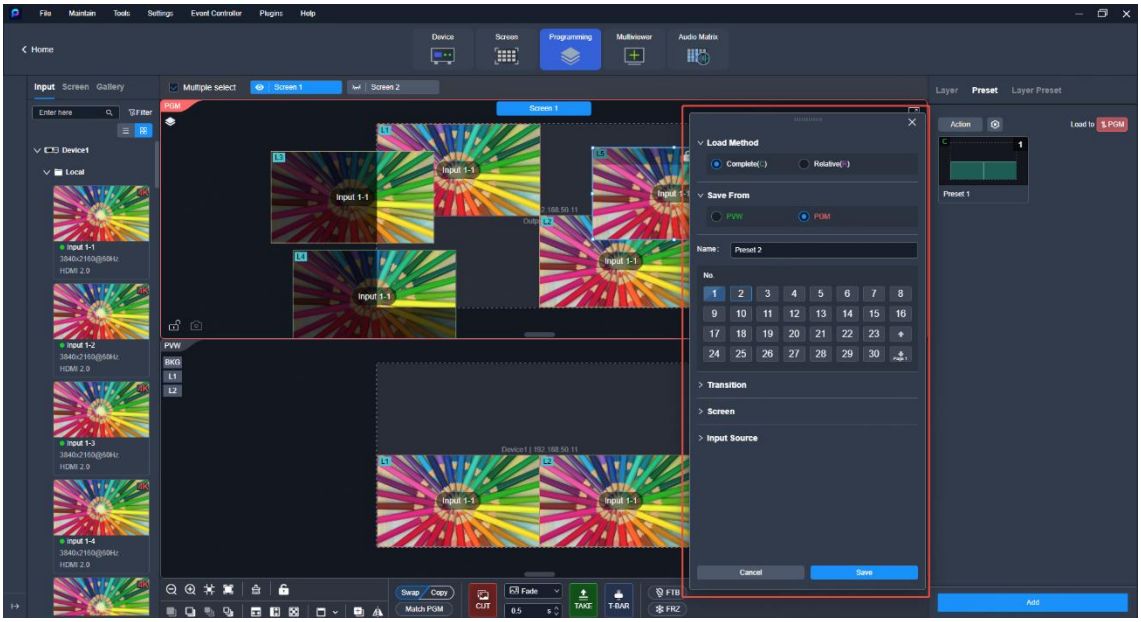


2.4.6 Changes

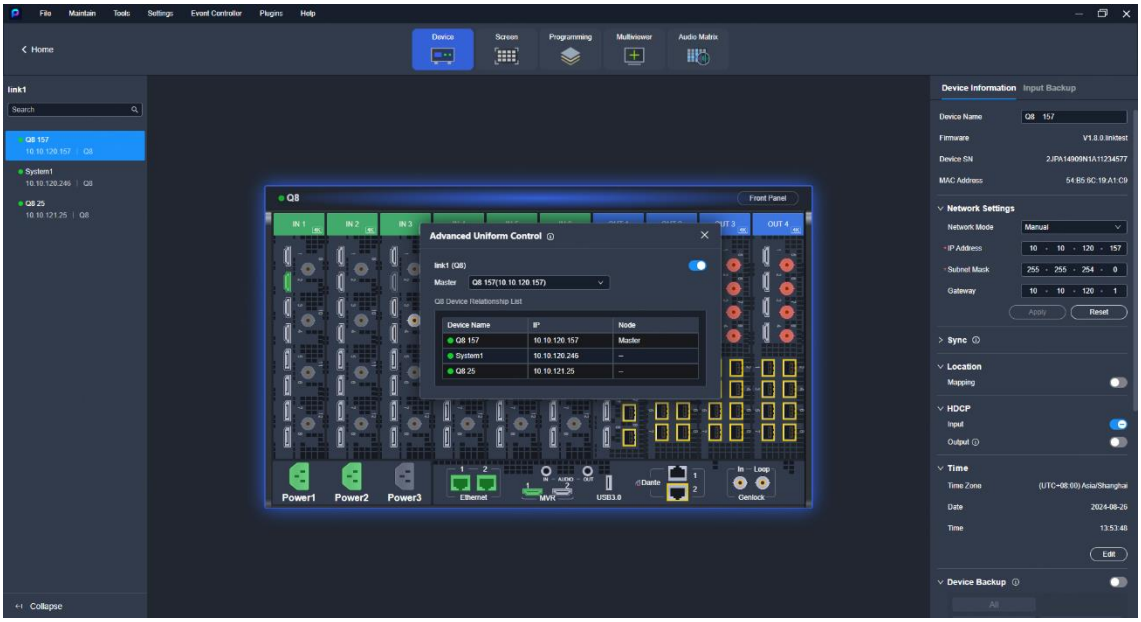
2.4.6.1 Changed on-screen transition effect storage: Store by project dimension on local device



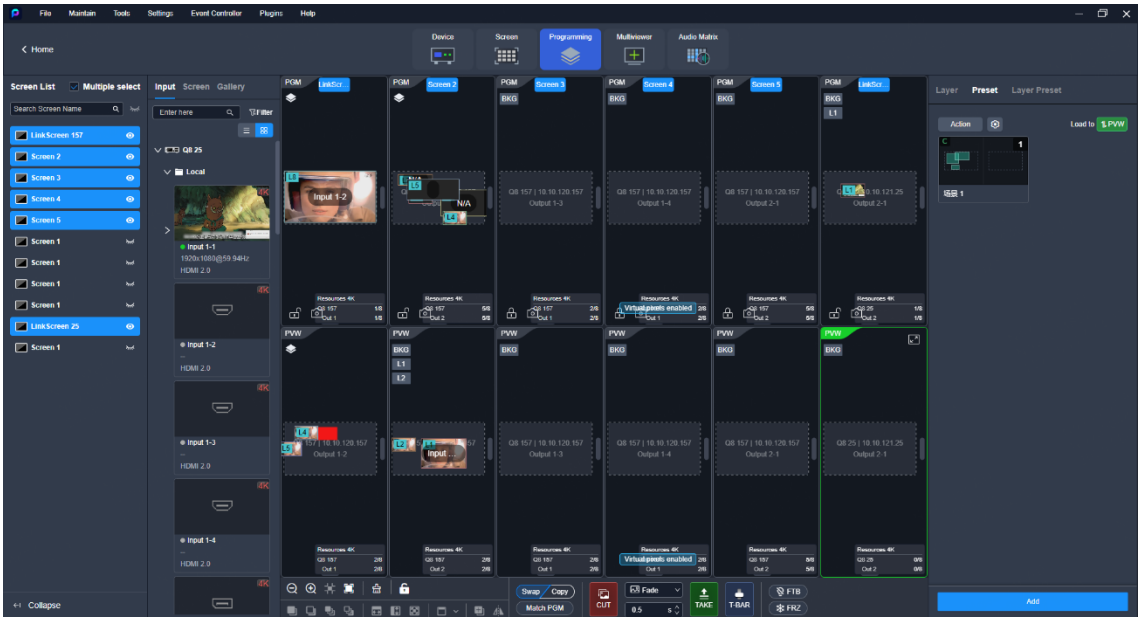
2.4.6.2 Changed preset saving method: Click Add button to trigger a pop-up window and select relevant parameters to save preset



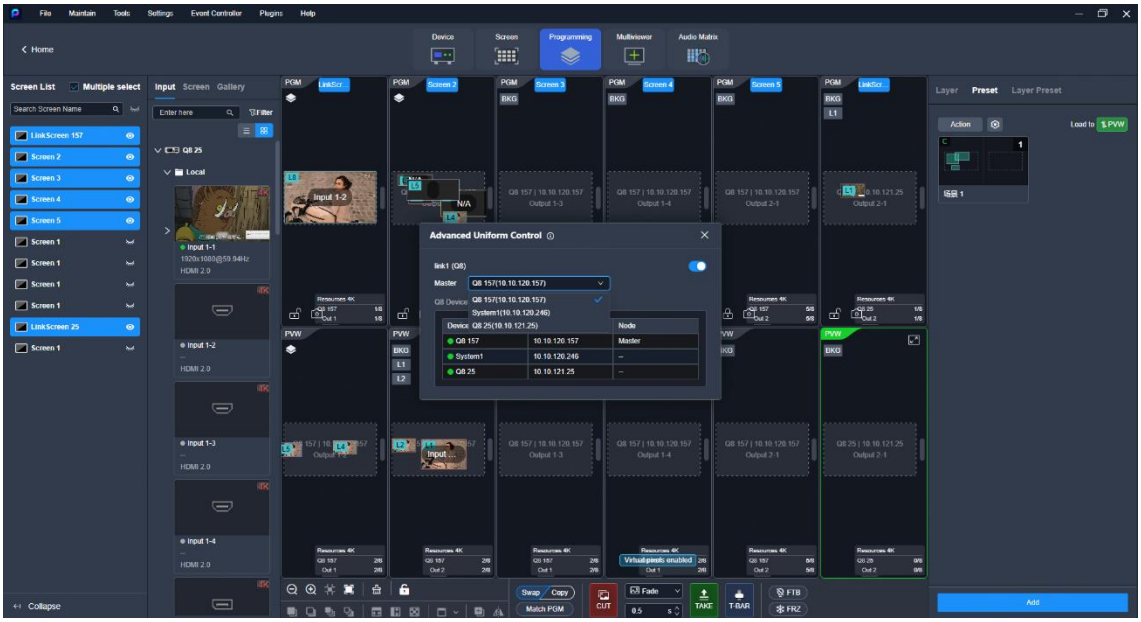
2.4.6.3 Removed the standard option from uniform control



2.4.6.4 Devices within the same project support standard uniform control by default



2.4.6.5 Advanced uniform control only supports devices within the same project



2.4.7 Bug Fixes

1. Fixed the issue where custom PRESET keys on the event controller were ineffective.
2. Fixed the low-probability issue of duplicate layers appearing in PVW after quick preset loading and TAKE execution.
3. Fixed the issue where the software interface rendering would freeze after a rapid TAKE.
4. Fixed the issue of non-disappearing modals when switching modules after quick preset loading via event controller keys.
5. Fixed the issue of P20-DS simulation device displaying as P20.
6. Fixed the low-probability issue of no content in custom editing interface on the event controller after powering on.
7. Fixed the low-probability issue of no input view when P20 switches to PGM Only mode.
8. Fixed the issue of a 3s black layer when triggering input source hot backup.
9. Fixed the issue where, during input source hot backup, replacing the backup source would automatically select it as the active source.
10. Fixed discontinuous window movement when adjusting the MVR window with U5 Pro knobs.
11. Fixed the issue where the progress would prematurely show as successful at 45% during a factory reset.
12. Fixed the issue in the audio matrix interface where clicking on the input and output causes the audio channels of the related groups to disappear.
13. Fixed some known issues.

2.4.8 Notes

1. After switching the device working mode, re-import the EDID file.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
3. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
4. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
5. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.
6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.
7. Project files from versions earlier than PixelFlow V1.7.0 cannot be imported into PixelFlow V1.7.0 and later versions.

8. The test tool only supports Windows operating systems.

2.5 V1.6.3

2.5.1 Software Version

PixelFlow V1.6.3

2.5.2 Supporting Event Controllers

U5 V1.6.3

U5 Pro V1.6.3

2.5.3 Supporting Presentation Switchers

P10 V1.6.2

P20 V1.6.2

P20-DS V1.6.2

Q8 V1.6.2

2.5.4 New Features

None

2.5.5 Improvements

None

2.5.6 Changes

None

2.5.7 Bug Fixes

Function Module	Bug Fixes	Remarks
Programming	Fixed the issue where the PVW in the software did not refresh when alternately using event controller buttons and software triggers to load a preset (software loading→ button loading→software loading).	
Multiviewer	Fixed the issue where, after closing BKG, the BKG image did not disappear from the Multiviewer's PVW and PGM.	

Simulation device	Fixed the issue where the device model name was incorrectly displayed in the popup when editing an existing P20-DS simulation device.	
Simulation device	Fixed the occasional issue where simulation devices could not start normally on some Mac systems.	
Event controller	Fixed the issue where the T-Bar occasionally failed due to parallel processing during the rapid movement of the T-Bar.	

2.5.8 Notes

1. After switching the device working mode, re-import the EDID file.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
3. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
4. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
5. After the device goes offline and online again, if the input view function does not work correctly, please go to **Settings** - **Input View** to disable and enable the function again, which can help you solve this problem.
6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click **Run** to proceed.
7. In cases of very rapid and frequent preset loading combined with CUT/TAKE operations, there are occasional instances where layers display repetitively on the software. Switching back to the device interface and then returning to the programming interface can resolve this issue.

2.6 V1.6.2

2.6.1 Software Version

PixelFlow V1.6.2

2.6.2 Supporting Event Controllers

U5 V1.6.2

U5 Pro V1.6.2

2.6.3 Supporting Presentation Switchers

P10 V1.6.2

P20 V1.6.2

P20-DS V1.6.2

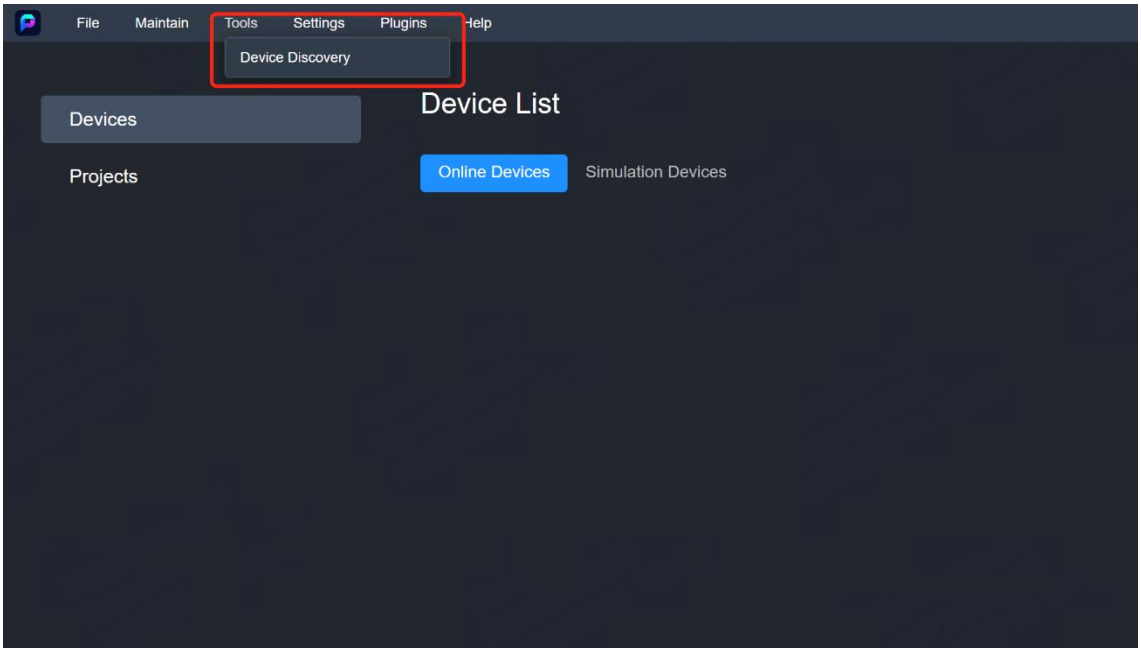
Q8 V1.6.2

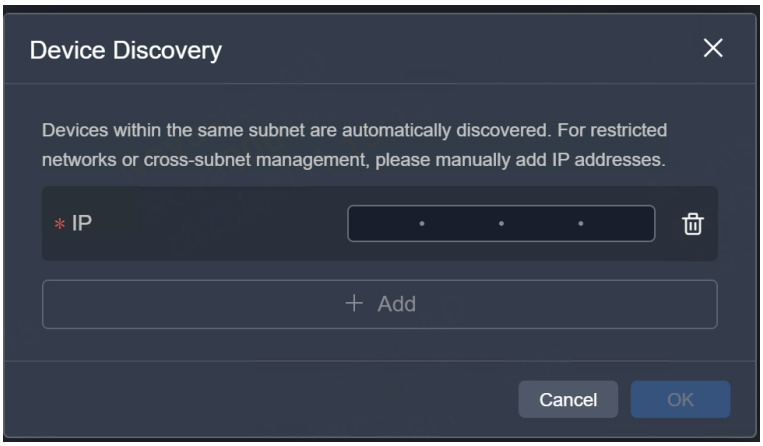
2.6.4 New Features

2.6.4.1 Capable of Adding Devices on Different Subnets Within a LAN

Description

Choose **Tools** > **Device Discovery** from the menu bar to add devices by entering their IP addresses.





2.6.5 Improvements

None

2.6.6 Changes

None

2.6.7 Bug Fixes

Function Module	Bug Fixes	Remarks
Common function	Fixed the issue of software experiencing lags due to unstable input sources.	
Common function	Fixed the issue where an incorrect device model was displayed due to IP conflicts.	
Programming	Fixed the issue where the software failed to display the "3D" mark for a 3D input source.	
Event controller	Fixed the issue of two virtual keyboards appearing simultaneously.	

2.6.8 Notes

1. After switching the device working mode, re-import the EDID file.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.

3. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
4. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
5. After the device goes offline and online again, if the input view function does not work correctly, please go to **Settings** - **Input View** to disable and enable the function again, which can help you solve this problem.
6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click **Run** to proceed.

2.7 V1.6.1

2.7.1 Software Version

PixelFlow V1.6.1

2.7.2 Supporting Event Controllers

U5 V1.6.1

U5 Pro V1.6.1

2.7.3 Supporting Presentation Switchers

P10 V1.6.1

P20 V1.6.1

P20-DS V1.6.1

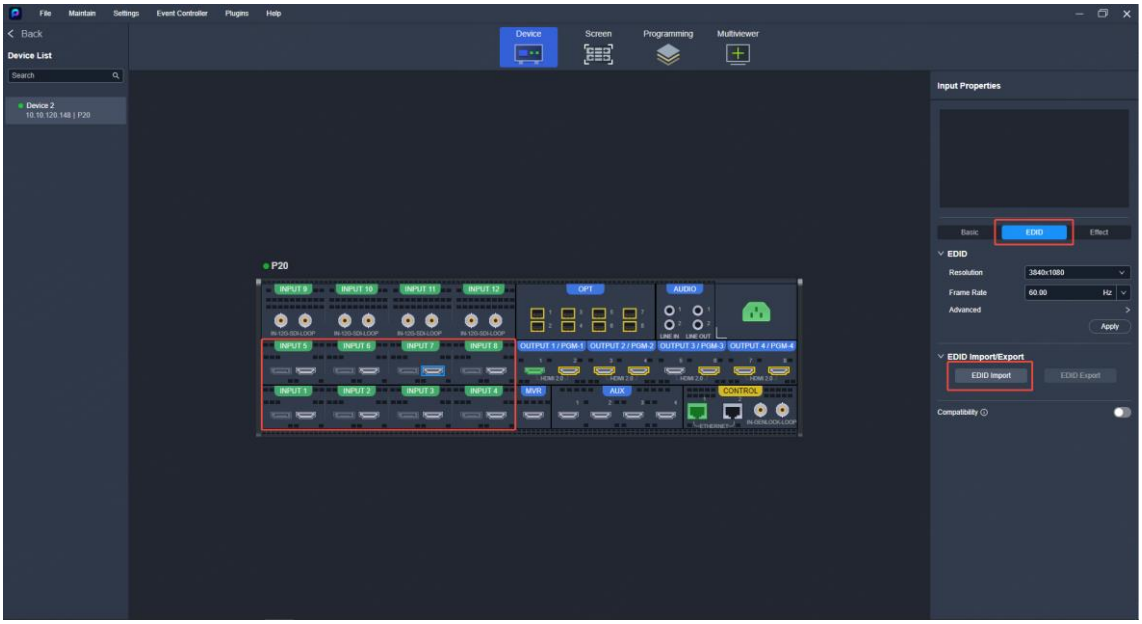
Q8 V1.6.1

2.7.4 New Features

2.7.4.1 Importing EDID Files Containing DisplayID Information

Description

Users can now import EDID files that include DisplayID information. On the **Device** interface, click an input connector. In the **Input Properties** panel on the right, select the **EDID** tab. Click **EDID Import** and choose an EDID file.



2.7.5 Improvements

None

2.7.6 Changes

None

2.7.7 Bug Fixes

Function Module	Bug Fixes	Remarks
Device	Fixed the issue where the device interface did not display port information and input source details.	
Device	Fixed the issue with incorrect name display for output cards in the properties area.	
Event Controller	Fixed the issue where the U5 event controller would automatically restart when upgrading from V1.4.2 to V1.5.1.	
Multiviewer	Fixed the issue where the Multiviewer module malfunctioned for the P series devices.	
Device	Fixed the issue where the loading state would not disappear when switching devices within a project.	

Programming	Fixed the issue where selecting Original Ratio was ineffective after dragging the P series' Screen PGM to the AUX Screen.	
Programming	Fixed the issue where the layer input view displayed only the left eye image after enabling 3D.	
Event Controller	Fixed the issue where updating the event controller to version V1.6.0 caused the update progress to stall at 50%.	
Event Controller	Fixed the issue of continuous auto-input in the input box after gaining focus (indicated by cursor blink).	
Event Controller	Fixed the issue where the smart screen remained black after restarting the event controller post-update.	
Software	Fixed the issue where dragging a preset to the virtual event controller's preset section cleared all previously-saved preset data when using custom key functions on the event controller.	
Software	Fixed some known issues.	

2.7.8 Notes

1. After switching the device working mode, re-import the EDID file.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
3. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
4. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
5. After the device goes offline and online again, if the input view function does not work correctly, please go to **Settings** - **Input View** to disable and enable the function again, which can help you solve this problem.
6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click **Run** to proceed.

2.8 V1.6.0

2.8.1 Software Version

PixelFlow V1.6.0

2.8.2 Supporting Event Controllers

U5 V1.6.0

U5 Pro V1.6.0

2.8.3 Supporting Presentation Switchers

P10 V1.6.0

P20 V1.6.0

P20-DS V1.6.0

Q8 V1.6.0

2.8.4 New Features

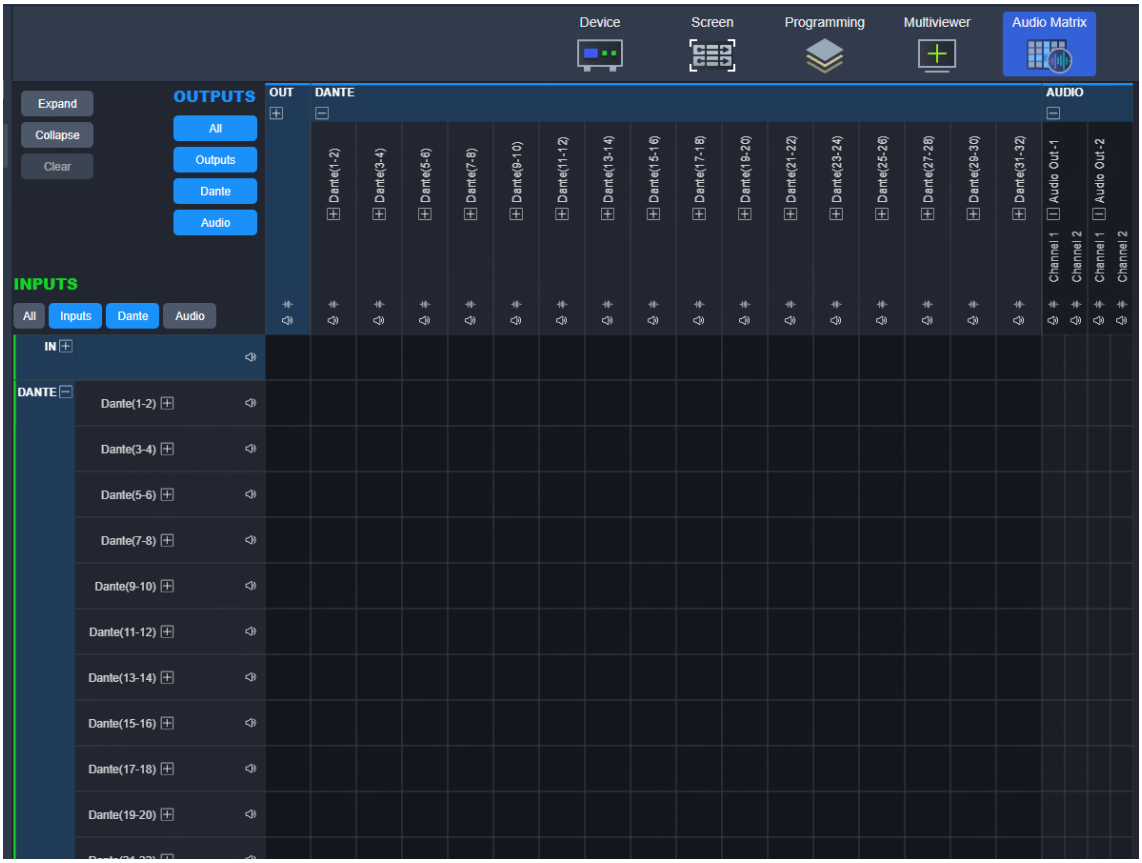
2.8.4.1 Audio Matrix (Q8, P20-DS)

Allows users to manage audio inputs and outputs and map audio channels.

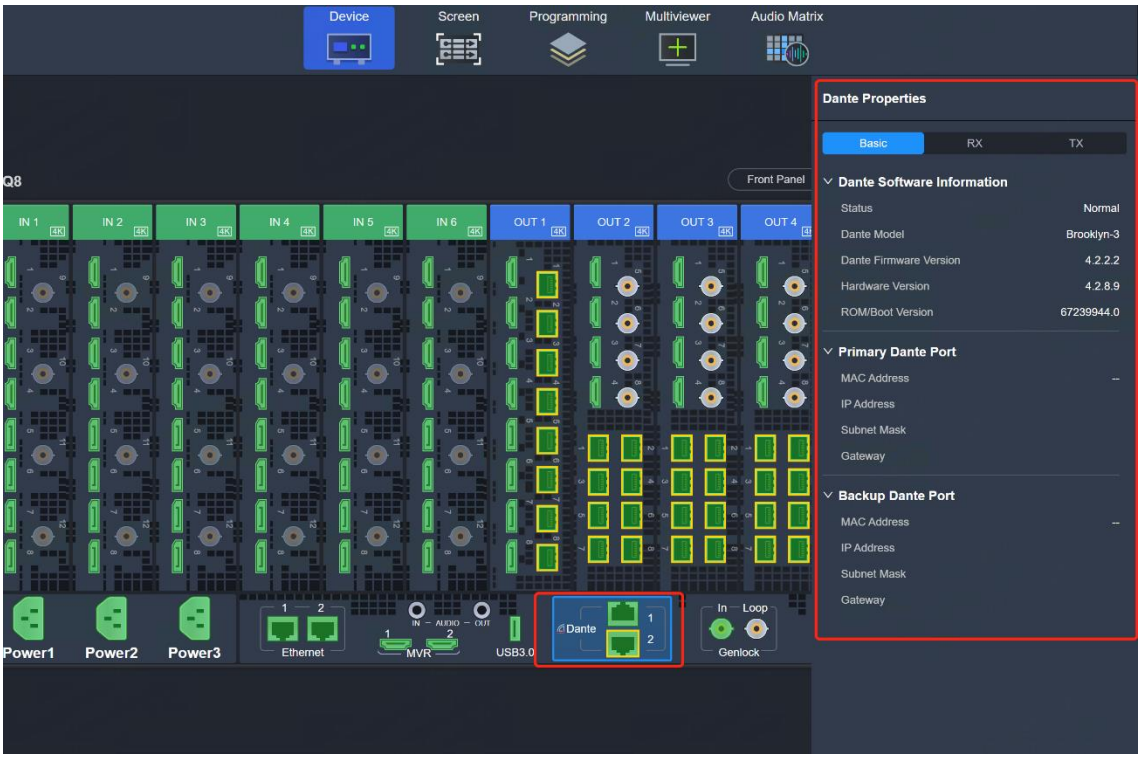
Description

In V1.6.0, PIXELHUE Presentation Switchers Q8 and P20-DS, now feature the Audio Matrix function. By clicking the **Audio Matrix** tab at the top of the homepage of PixelFlow, users can access the **Audio Matrix** page.

The top left corner of the page is the quick actions panel. The list on the left displays the inputs, where you can view input channel names and channel audio status, and mute channels. The list at the top displays the outputs, where you can view the output channel names, play the test sound, and mute channels. Click an input/output to expand or collapse the list.



On the **Device** page, click the Dante Ethernet ports to view Dante settings and change RX and TX channel names.



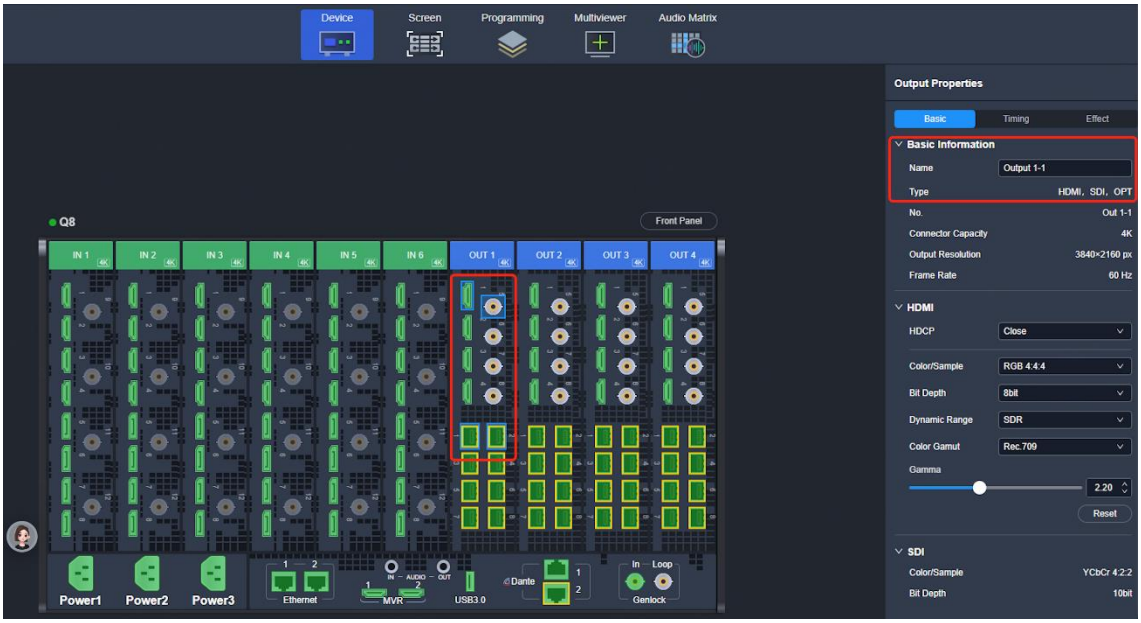


2.8.4.2 Output Connector Groups (Q8, P20-DS)

Purpose

Increase the utilization of all connectors, allowing more connectors to be used for display, while simultaneously accommodating different types of connectors for concurrent screen configuration.

Description





- Connectors are selected in groups. When the timing and effects of one connector within a group are modified, the other connectors within this group are synchronously modified.
- When the specified timing is not supported by another connector, a prompt is displayed, saying that the connector will have no output.
- Different types of connectors can be used for configuration of a single screen.
- The connectors within a connector group output contents simultaneously, increasing the utilization of connectors.

2.8.4.3 Layer Mode Switching (P20, P20-DS)

Purpose

Offer users a variety of options, allowing them to switch between two layer modes according to their preferences.

Description

On the **Device Information** tab page, users can switch the layer modes between **2×MAIN+10×PIP** and **4×MAIN+4×PIP** layer modes.



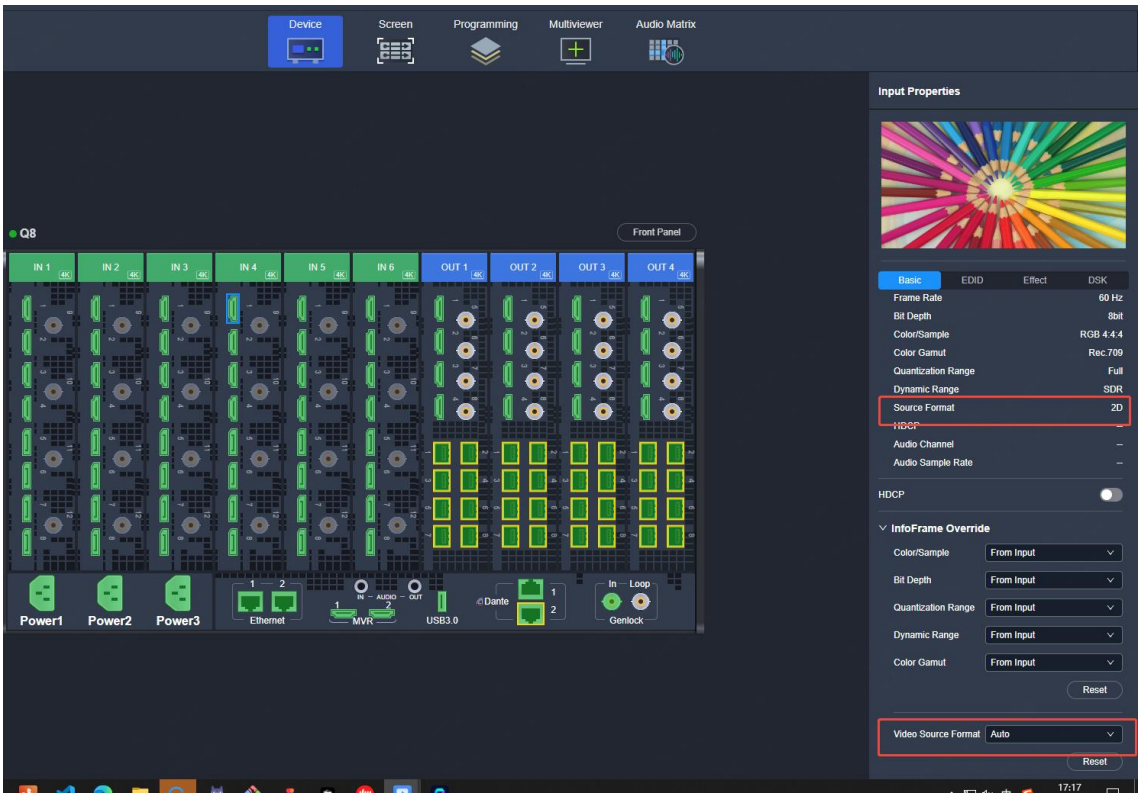
2.8.4.4 Full-Link 3D (Q8)

Purpose

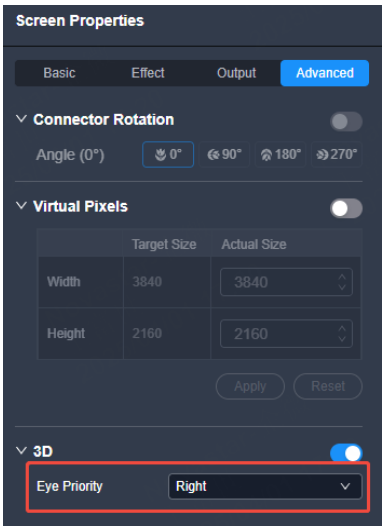
During live events, 3D sources may be used. As a video processing device, the presentation switcher must support input, processing, and output of 3D video sources.

Description

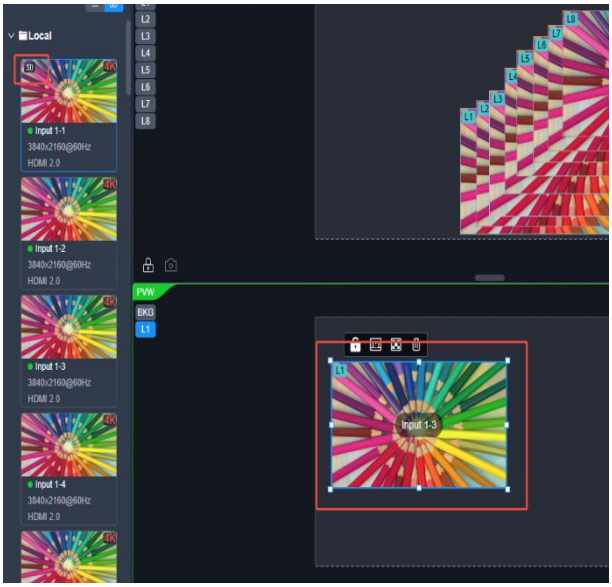
In the **Input Properties** section of the **Device** page, users can check whether the source is 2D or 3D. The 3D source type can either follow the source format or be manually overridden.



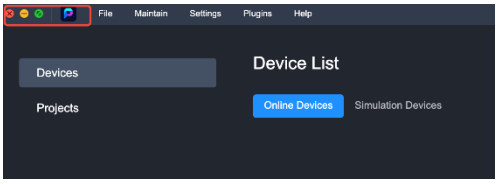
By navigating to **Screen** > **Screen Properties** > **Advanced**, users can set eye priority. (The switcher will uniformly process the input 3D source into a frame sequential format before output.)

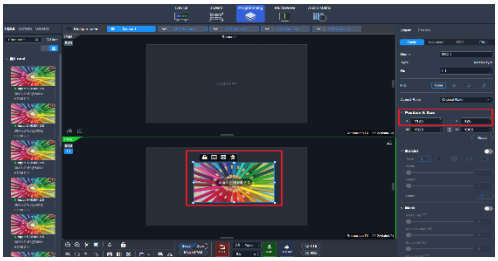
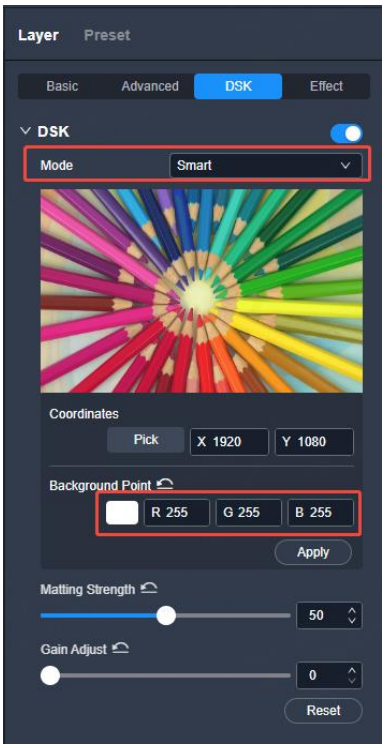


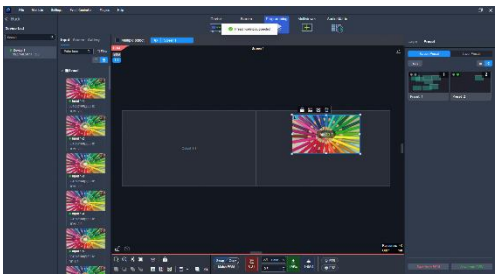
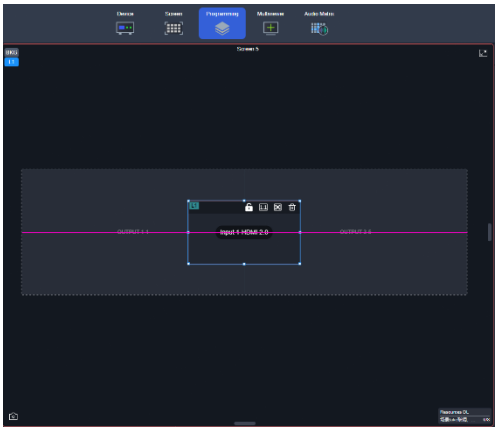
In the source list (left panel) of the **Programming** page, 3D sources are marked with a 3D icon in the top-left corner. The canvas area displays the processed source.

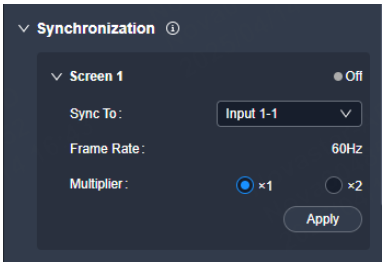


2.8.5 Improvements

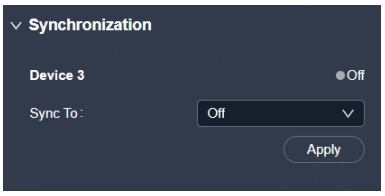
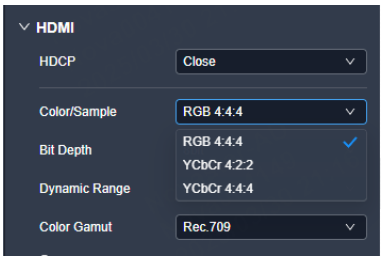
Improvement	Before	After
Adaptation improvements	The software's close, zoom, and other functions have been optimized to better align with macOS user habits.	

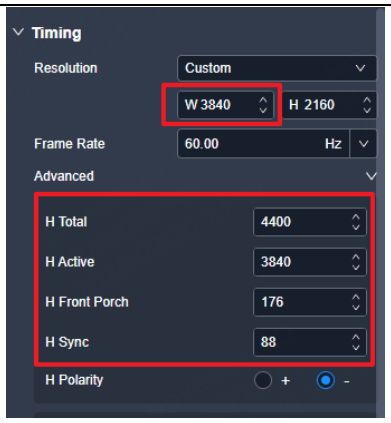
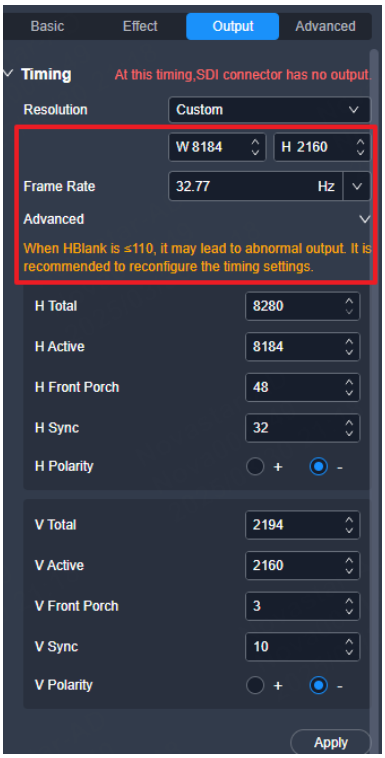
Layer repositioning by keyboard shortcuts	Layers can be repositioned only by dragging them or entering the coordinates.	After selecting a layer, you can move it in one-pixel increments using the keyboard arrow keys. By using Shift along with the arrow keys, the layer will move in increments of ten pixels. Holding the keys allows for continuous movement. 
Capable of keying out white background	DSK in smart mode does not allow white background to be keyed out.	DSK in smart mode allows white background to be keyed out. 

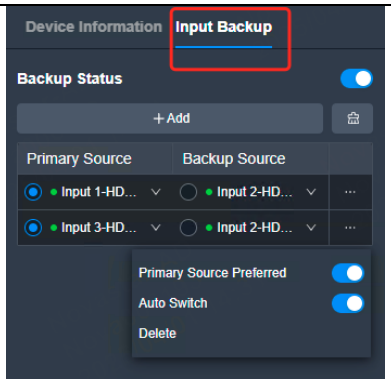
Optimized preset loading	The software experiences lag when loading presets, with preset loading execution appearing slower than the actual on-screen display.	The software rendering performance is improved to reduce preset loading time. 
Experience optimization	When continuously switching presets via the event controller or software, the response is slow, and the switching is not very smooth.	The preset response mechanism is optimized for continuous loading scenarios. Avoid unnecessary rendering during the process to improve preset loading performance. 
Experience optimization	The initial drag response of layers on the **Programming** page is slow.	The initial drag response speed of layers is optimized to enhance the ease of operation for customers. 

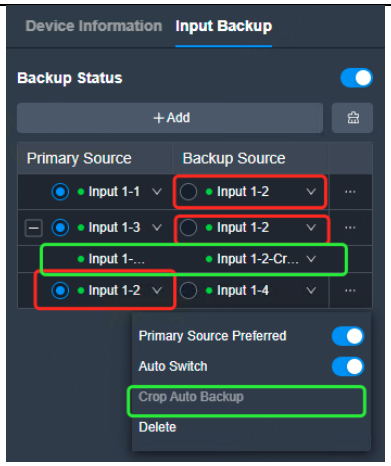
Genlock multiplier	Genlock only supports the frame rate of the sync source.	You can choose to sync at 1x or 2x the frame rate of the sync source. 

2.8.6 Changes

Change	Before	After
Genlock synchronization rule	After synchronization settings are completed, the synchronization signal is unstable, and it automatically synchronizes each time when the signal is reconnected.	Automatic synchronization is cancelled. After a synchronization failure, the user needs to click **Apply** to resend synchronization parameters. 
Output color space	The color space options on the output connector and screen properties pages support YCbCr 4:2:0.	YCbCr 4:2:0 is removed from the color space options on the output connector and screen properties pages. 
Horizontal timing increment (P10, P20, P20-DS)	Horizontal timing increment: 8	Horizontal timing increment: 4

		
A prompt is added in advanced timing.	Audio information is not included in advanced timing.	After audio is added, if HBlank is ≤110 in advanced timing, it may result in a black screen. A prompt is added: "When HBlank is ≤110, it may lead to abnormal output. It is recommended to reconfigure the timing settings. 
Advanced timing	Minimum vertical back porch: 1	Minimum vertical back porch: 3
Input backup location	Input backup needs to be configured on the	Moved to **Input Backup** in the upper right corner of the **Device** page.

	device information page.	
Input backup		• The backup source can be used to create layers independently and does not participate in the backup relationship. • A backup relationship can be established automatically between a cropped source and its original source. (Q8) • Users can switch between the primary and backup sources using the buttons on the event controller. • One source can be configured as the backup of multiple primary sources. • Each backup relationship supports the independent configuration of primary source prioritization and automatic switching. • Input backup relationships between sources with different capacities are not allowed.

		
DP connectors (Q8)		DP connectors do not support output of interlaced signals.

2.8.7 Bug Fixes

Function Module	Bug Fixes	Remarks
Output	Fixed an issue where some output connectors displayed duplicate images when the output connector capacity was set to 4K in P20 PGM Only mode.	
Layer	Fixed an issue where enabling BKG and selecting source aspect ratio caused abnormal display proportions.	
Layer	Fixed an issue where the default input source selection was incorrect when creating layers via event controller buttons.	
Input source	Fixed an issue where input source hot backup did not support rendering SDI connectors.	
Event controller buttons	Fixed an issue where the MVR button was unresponsive on the virtual controller page.	
Layer	Fixed abrupt jumps during layer movement or scaling.	

Keying	Fixed an issue where layers created from SDI sources did not support keying.	
Programming module	Fixed slow preset loading issue.	
Programming module	Fixed jumping issue caused by decimal remainder calculation in virtual pixels.	
Event controller	Fixed an issue where holding down the delete button on the event controller couldn't clear all layers.	
Event controller	Fixed an issue where clicking a custom button automatically executed a Cut command.	
Software	Fixed some known issues.	

2.8.8 Notes

1. After installing the Mac version160 software, users must restart the computer to activate the software.
2. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
3. PixelFlow version 1.5.0 can only be used with Companion plugin version 1.0, while version 1.5.1 is compatible with Companion plugin versions 1.0 and above.
4. Software version 1.5.1 needs to be used with hardware version 1.5.1, resolving issues of software lag due to unstable sources.
5. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
6. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.
7. After the device goes offline and online again, if the input view function does not work correctly, please go to **Settings** - **Input View** to disable and enable the function again, which can help you solve this problem.
8. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.
9. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click **Run** to proceed.

2.9 Earlier Versions

** PixelFlow V1.5.2 2025.3.7**

[PixelFlow Software] PixelFlow V1.5.2

[Supporting Event Controllers] U5,U5 Pro V1.5.2

[Supporting Seamless Switchers] P20, P10 V1.5.1

[Supporting Seamless Switchers] Q8 V1.5.1

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Fixed the issue where the software could not detect the network in the macOS 15 environment.
2. Fixed the issue where the software had high memory usage during runtime.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue where the T-bar calibration occasionally displayed abnormal prompts.
2. Fixed the issue where the event controller buttons occasionally failed to load presets properly.

[Event Controller Improvements]

None

[Notes]

1. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.
2. PixelFlow version 1.5.0 can only be used with Companion plugin version 1.0, while version 1.5.1 is compatible with Companion plugin versions 1.0 and above.

3. Software version 1.5.1 needs to be used with hardware version 1.5.1, resolving issues of software lag due to unstable sources.

4. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

5. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

6. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

7. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

8. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.5.1 2024.11.26
****

[PixelFlow Software] PixelFlow	V1.5.1
[Supporting Event Controllers] U5, U5 Pro	V1.5.1
[Supporting Seamless Switchers] P20, P10	V1.5.1
[Supporting Seamless Switchers] Q8	V1.5.1

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Fixed the occasional issue where the editing state could not be triggered during the editing of image names.

2. Fixed the issue where opacity adjustment slider would not revert after exceeding the limit.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue where importing images via the smart screen would block the event controller operations with the pop-up Resource Manager window.

2. Fixed the issue where using the event controller key to overwrite a preset on the layer preset interface was ineffective.

3. Fixed the issue where the layer scaling and Z-order could be adjusted using the event controller keys when the PGM area was locked.

[Event Controller Improvements]

None

[Notes]

1. If the connector status displayed in the software does not match that of the actual device after a device restart or update, switching to the home page and re-entering the device page can solve the problem.

2. PixelFlow version 1.5.0 can only be used with Companion plugin version 1.0, while version 1.5.1 is compatible with Companion plugin versions 1.0 and above.

3. Software version 1.5.1 needs to be used with hardware version 1.5.1, resolving issues of software lag due to unstable sources.

4. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

5. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

6. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

7. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

8. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.5.0 2024.11.7
****

[PixelFlow Software] PixelFlow	V1.5.0
[Supporting Event Controllers] U5, U5 Pro	V1.5.0
[Supporting Seamless Switchers] P20, P10	V1.5.0
[Supporting Seamless Switchers] Q8	V1.5.0

[New Features]

1. Support the advanced mode for edge blending.

2. Support the adjustment of the frame rate of the MVR output.

3. Support the upgrade of main control card and backplane.

4. Support the Companion plugin.

5. Support the preference settings, supporting lock aspect ratio by default.

6. Add the option of original ratio for the layer aspect ratio settings.

7. Support the interlaced output signals.

[Changes]

1. Optimized the HDR algorithm.

2. Optimized the connector capacity switching.

3. When the color space of the output or screen is YUV420, the 1080i resolution cannot be selected; when 1080i is selected, the color space cannot be YUV420.

4. Add the card version mismatch prompt.

5. The SDI connectors support de-interlacing by default.

6. Support the unified adjustment of the output connector parameters, like bit depth, color space and HDR, in the Screen interface after successful screen configuration.

[Bug Fixes]

1. Fixed the issue where there is no input view after restarting the device or importing project files.

2. Fixed the issue where adjusting the layer position and size caused anomalies after enabling the virtual pixel function.

3. Fixed the issue where layers could be created using the event controller buttons while PGM was locked in the Programming interface.

4. Fixed the unresponsive parameter adjustment in AUX layer source cropping interface with the sliders.

5. Fixed the issue where BKG can still be deleted after PGM or BKG is locked.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue where the Multiviewer windows could not be controlled using the encoders.

2. Fixed the issue of event controller crashing and black screen when the screen name is changed.

3. Fixed the repeated failures in changing the IP address of the event controller, requiring software refresh and restart to succeed.

4. Fixed the event controller crashing when using handwritten input.

5. Fixed the issue where the virtual keyboard would occasionally disappear.

6. Fixed the abnormal error display on U5 startup.

7. Fixed the issue where restarting the event controller from the event controller Settings interface did not take effect and the power button light didn't illuminate.

8. Fixed the issue where the T-bar would automatically lock again after being unlocked.

[Event Controller Improvements]

1. Optimized the virtual keyboard.

2. Changed the Media button to KVM button.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing simulation projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.4.6 2024.10.10
****

[PixelFlow Software] PixelFlow V1.4.5

[Supporting Event Controllers] U5, U5 Pro V1.4.6

[Supporting Seamless Switchers] P20, P10 V1.4.2

[Supporting Seamless Switchers] Q8 V1.4.4

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Fixed the issue where the virtual keyboard wouldn't pop up correctly on the event controller.

[Event Controller New Features]

None

[Event Controller Improvements]

None

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.4.5 2024.9.29**********

[PixelFlow Software] PixelFlow V1.4.5

[Supporting Event Controllers] U5, U5 Pro V1.4.5

[Supporting Seamless Switchers] P20, P10 V1.4.2

[Supporting Seamless Switchers] Q8 V1.4.4

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Fixed the issue that PixelFlow cannot be opened normally on Mac.

2. Fixed the issue that the number of layers in the software is not correct after a preset is loaded.

3. Fixed the issue that the connector rotation configuration is not displayed occasionally on the advanced settings page.

4. Fixed the issue of the display of virtual device versions.

5. Fixed the issue that images cannot be imported into the gallery when a virtual device is used.

6. Fixed the issue that all the layers cannot be previewed after users click the auto fit button on a layer.

7. Fixed the issue that clicking the deletion button on a layer cannot delete the layer.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue that switching between devices in a project causes the software to return to the device list page.

2. Fixed the issue that the screen brightness decreases after the screen brightness settings are done and the event controller is restarted.

3. Fixed the issue that the USB drive cannot be recognized in the second time when users import project files on the event controller.

[Event Controller Improvements]

1. Optimized the UX of selecting Genlock source on the event controller.

2. Optimized the UX of the input source list on the U5 Pro and fixed the issue that the input sources are occasionally displayed in one column which should be in two columns.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.4.4 2024.9.9**********

[PixelFlow Software] PixelFlow V1.4.4

[Supporting Event Controllers] U5, U5 Pro V1.4.4

[Supporting Seamless Switchers] P20, P10 V1.4.2

[Supporting Seamless Switchers] Q8 V1.4.4

[New Features]

1. Add the layer numbering feature. Layer numbers can now be displayed and edited.
2. Add the BKG gallery feature.
3. Add instability status prompts for device input sources.

[Changes]

None

[Bug Fixes]

None

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue where PTZ patterns bound and applied to the controller buttons were displayed in Chinese when the interface is set to English.
2. Fixed the issue where customizing event controller buttons would cause the preset layout to become disorganized.
3. Fixed the issue where deleting a screen with the event controller button did not refresh the button status.
4. Fixed the issue where the U5 encountered startup errors with error prompts.
5. Fixed the issue where manually adjusting BKG parameters and then rotating the MIDI encoders would reset the parameters to their previous values.

[Event Controller Improvements]

None

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

** PixelFlow V1.4.2 2024.8.26**

[PixelFlow Software] PixelFlow V1.4.2

[Supporting Event Controllers] U5, U5 Pro V1.4.2

[Supporting Seamless Switchers] P20, P10 V1.4.2

[Supporting Seamless Switchers] Q8 V1.4.2

[New Features]

None

[Changes]

None

[Bug Fixes]

None

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the issue of abnormal logo animation on the BIOS boot screen.

2. Fixed the issue of abnormal brightness when closing and opening the U5 panel after the U5 is shut down.

3. Reduced the button debounce time from 20ms to 10ms. Added double-click filtering for the Take and Cut buttons, resolving the problem of triggering twice with one press.

4. Fixed the occasional malfunction of the Take and Cut buttons.

5. Resolved the program binding issues with the media server.

[Event Controller Improvements]

1. Optimized the startup delay backlight logic to prevent abnormal black screen issues on the event controller when the source is unstable.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.4.1 2024.7.29
****

[PixelFlow Software] PixelFlow V1.4.1

[Supporting Event Controllers] U5, U5 Pro V1.4.1

[Supporting Seamless Switchers] P20, P10 V1.4.1

[Supporting Seamless Switchers] Q8 V1.4.2

[New Features]

1. Virtual event controller function

Support the virtual event controller configurations, offering a comprehensive virtual control interface developed based on a real event controller.

Support customizing the layout of virtual event controller buttons, button styles, and map them to the real buttons.

Support custom bindings of virtual event controller functions to buttons.

Support virtual mapping of virtual event controller buttons, allowing functional control and function status feedback on the virtual event controller.

Support MIDI function enabling and editing of MIDI key values on the virtual event controller.

[Changes]

None

[Bug Fixes]

1. Fixed the issue where the hot backup selection state of input sources was not synchronized between the PC software and event controller.

2. Optimized the software scroll bars, resolving the issue where they could not be selected after the software windows were resized.

3. Fixed the frequent timeout issue during software operation.

4. Fixed the issue where changing the layer source ratio in Multiviewer might cause layer overlapping and blue input view.

5. Fixed the issue where after the Primary Source Preferred option is selected for hot backup of input sources, the backup relationship could not be deleted.

[Event Controller New Features]

1. Support the virtual event controller function.

[Event Controller Bug Fixes]

1. Fixed the issue where the interface displayed mixed languages (Chinese and English).

2. Fixed the issue where the SDI connector could not be switched successfully when the connector name was too long.

3. Fixed the issue where the log export progress did not disappear when the USB drive was removed.

[Event Controller Improvements]

None

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.4.0 2024.6.17
****

[PixelFlow Software] PixelFlow V1.4.0

[Supporting Event Controllers] U5, U5 Pro V1.4.0

[Supporting Seamless Switchers] P20, P10, Q8 V1.4.0

[New Features]

1. Support one-click HDCP setup, enabling global HDCP management for all connectors.

2. Support importing EDID templates on the Mac version.

3. Support the layer presets.

4. Support the smart mode for the layer keying function.

5. Support the KeyFrame function.

6. Support the position and size adjustments for the BKG layer.

7. Support the matching verification of software and device versions.

8. The uniform control supports the standard and advanced modes, as well as the selection of master device.

[Changes]

None

[Bug Fixes]

1. Fixed the issue where the presets cannot be saved properly when you quickly enter the Device Page and then switch to the Programming page.

2. Fixed the occasional preset loading issue in the software and using the event controller buttons.

3. Fixed other known issues.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the occasional malfunction of event controller buttons.

2. Fixed the occasional unresponsiveness of the touchscreen.

3. Fixed the occasional software stuck issue when you drag an input source to create a layer.

4. Fixed other known issues.

[Event Controller Improvements]

1. Optimized the ghosting issue appearing when you drag the connectors and layers on the Screen and Programming pages.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

********** PixelFlow V1.3.3 2024.4.30 **********

[PixelFlow Software] PixelFlow V1.3.3

[Supporting Event Controllers] U5, U5 Pro V1.3.3

[Supporting Seamless Switchers] P20, P10, Q8 V1.3.2

[New Features]

None

[Changes]

None

[Bug Fixes]

None

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Resolved the issue where the smart screen's content appears on the main screen during the event controller update process.

2. Resolved the issue of occasional failure to load presets using the event controller buttons.

[Event Controller Improvements]

None

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

7. When entering the device details interface from the device list, please allow 2-3 seconds for the device data to load before navigating to other pages for further operations.

********** PixelFlow V1.3.2 2024.4.2
****

[PixelFlow Software] PixelFlow V1.3.2

[Supporting Event Controllers] U5, U5 Pro V1.3.2

[Supporting Seamless Switchers] P20, P10, Q8 V1.3.2

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Resolved the issue of IP settings in the Device module not supporting numbers starting with zero.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Resolved the mismatch issue between the screen activation status and the activation status shown on the front panel button.

2. Resolved the issue of the AUX layer not being able to go full screen using the front panel button.

3. Resolved the issue of the screen selection status in the Programming module not matching the selection status shown on the front panel button.

4. Resolved the issue where the T-bar occasionally fails to work normally after power interruption.

[Event Controller Improvements]

1. Improved the operation experience of renaming the gallery images.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

7. When entering the device details interface from the device list, please allow 2-3 seconds for the device data to load before navigating to other pages for further operations.

** PixelFlow V1.3.1 2024.3.15
****

[PixelFlow Software] PixelFlow V1.3.1

[Supporting Event Controllers] U5, U5 Pro V1.3.1

[Supporting Seamless Switchers] P20, P10, Q8 V1.3.1

[New Features]

1. Support the function of simultaneous control over multiple switchers using a single software or event controller.

?2. Support the 12-bit option for HDR10 or HLG in the screen output properties.??

[Changes]

None

[Bug Fixes]

?1. Fixed the issue where the virtual device T-bar does not respond.

2. Fixed the issue of incorrect display of preset thumbnails after the presets are saved.

3. Fixed the issue of black borders appearing when you export the EDID files without inserting a USB drive.??

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1. Fixed the out-of-sync issue between the screen activation and software display after the screen button is pressed.

?2. Fixed the issue of failing to switch the input source by pressing the input source button.

?3. Fixed the issue where the editing area is unable to automatically restore layout after the MVR button is pressed (MVR turned on).?

4. Fixed the issue where the layer number is not synchronized in the software after the Take button is pressed.?

5. Fixed the issue of being able to zoom in or zoom out BKG with two fingers.??

[Event Controller Improvements]

1. Optimized the ST2110 interactive design.?

2. Optimized the visual and interaction design when the screen list in the editing area is selected.?

3. Optimized the cut & fill adjustment to realize a smoother operation experience.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

7. When entering the device details interface from the device list, please allow 2-3 seconds for the device data to load before navigating to other pages for further operations.

********** PixelFlow V1.3.0 2024.2.3
****

[PixelFlow Software] PixelFlow V1.3.0

[Supporting Event Controllers] U5, U5 Pro V1.3.0

[Supporting Seamless Switchers] P20, P10, Q8 V1.3.0

[New Features]

1. Support the layer shadow function.
2. Support multiple layer borders, such as soft border, hard border, halo-in and halo-out.
3. Support adjusting the properties and RGB components for AUX screens.
4. Support adjusting the sizes and positions of AUX layers.
5. Support the function of output connector rotation.
6. Support the configuration of ST2110 input card.

[Changes]

None

[Bug Fixes]

1. Fixed the issue where the slider would suddenly change when you click the Reset button after adjusting the position and size for the Cut & Fill layers.
2. Fixed the inconsistency issue between the displayed MVR layout in the software and the actual output that occurs when quickly switching the MVR layout.

[Event Controller New Features]

None

[Event Controller Bug Fixes]

1.

Fixed the issue of some screens disappearing on the Screen interface when the MVR button is frequently pressed.

2. Fixed the occasional failure of Take button and T-bar operations.
3. Fixed the issue of the virtual keyboard and external keyboard not responding after you press the MVR button on the event controller.

[Event Controller Improvements]

1. Optimized the Screen module to enhance the dragging experience of output connectors in the bottom area.
2. Optimized the function that allows for automatic switching of input sources if the resource exceeds the limit when using the input source buttons to create a layer.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

7. When entering the device details interface from the device list, please allow 2-3 seconds for the device data to load before navigating to other pages for further operations.

** PixelFlow V1.2.2 2024.1.30
****

[PixelFlow Software] PixelFlow V1.2.2

[Supporting Event Controllers] U5, U5 Pro V1.2.2

[Supporting Seamless Switchers] P20, P10, Q8 V1.2.1

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Resolved the issue where the output screen is blurred when the frame rate of the SDI connector changes.

[Event Controller Bug Fixes]

1. Resolved the issue of firewall occasionally being activated on the event controller and added the periodic firewall check to ensure the firewall remains consistently disabled.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

** PixelFlow V1.2.1 2024.1.29
****

[PixelFlow Software] PixelFlow V1.2.1

[Supporting Event Controllers] U5, U5 Pro V1.2.1

[Supporting Seamless Switchers] P20, P10, Q8 V1.2.1

[New Features]

None

[Changes]

None

[Bug Fixes]

1. Resolved the issue where the still layer names are not synchronized when their names in the gallery are updated.

2. Resolved the issue where the presets cannot be loaded on the Programming interface after exporting and immediate re-importing the project file.

[Event Controller Bug Fixes]

1. Resolved the issue where the card connectors cannot be selected on the Device interface of the U5 Pro event controller.

[Improvements]

1. Improved the prompt messages during the update progress.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

** PixelFlow V1.2.0 2024.1.13
****

[PixelFlow Software] PixelFlow V1.2.0

[Supporting Event Controllers] U5, U5 Pro V1.2.0

[Supporting Seamless Switchers] P20, P10, Q8 V1.2.0

[New Features]

1. Support the Cut&Fill function.

2.

Provide software versions in multiple languages and single language.

3. Add the macOS support.

[Changes]

1. Enhanced the interactive design for overall layer editing area, improving user experience.

?2. Provided support for the layer specification changes and multiple screens for P series seamless switchers.

?3. Enhanced the interactive design for the input source list and toolbar.? ?

4. Added the prompt message during T-bar operation to prevent incomplete or user-unaware pushing.

[Bug Fixes]

1. Fixed the issue of blurry layer name after layer copying, mirroring, or flipping.?

2. Fixed the issue of empty abnormal information when booting up with abnormal self-test errors.?

?3. Fixed the problem of input view flickering after you change the input connector name and press the keyboard Enter key.

?4. Fixed the issue of the inability to select the scroll bar on the right edge of the properties area when the PC software is not in full screen mode.

[Event Controller Bug Fixes]

1. Added the option to disable USB power-saving during startup.?

?2. Removed the Chinese input method from the virtual keyboard.

?3. Optimized the update package verification. ?

4. Support the full key MIDI protocol.? ?

5. Optimized the T-bar calibration solution.?

?6. Support the fader calibration function.?

?7. Optimized the interconnection with the media server.?

?8. Optimized the startup process by adding a power-on test.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

7. If there are virtual devices created before version 1.2.0, please delete them and add new virtual devices again.

[Notes for Product Compatibility Issues]

1. The PC version software supports Windows 7 or later version, but does not support Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

3. Please note that the software and seamless switcher versions all need to be V1.2.0 for proper compatibility.

********** PixelFlow V1.1.1 2023.11.08
****

[PixelFlow Software] PixelFlow V1.1.1

[Supporting Event Controllers] U5, U5 Pro V1.1.1

[Supporting Seamless Switchers] P20, P10, Q8 V1.1.1

[New Features]

None

[Changes]

1. Optimized the Take speed in the event controller software (The versions of seamless switcher, event controller and PixelFlow software must be all V1.1.1 or later).

[Bug Fixes]

1. Fixed the issue in the event controller software where clicking FTB to exit the FTB mode, then clicking Take or Cut after a 0.5s interval results in a black screen output.

2. Fixed the issue where changing the screen name in the software does not synchronize the corresponding screen name on the event controller buttons.

3. Fixed the issue where frequent soft T-bar operations on the U5 Pro results in overlapping screen output and incorrect T-bar progress (not reaching 100%).

4. Fixed the issue where the freeze and screen operations are not disabled during the T-bar process.

5. Fixed the issue where clicking FTB during the T-bar process, then moving the T-bar to the topmost or bottommost results in continuously displayed T-bar animation in the software.

[Event Controller Bug Fixes]

None

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

6. If your computer has 360 Total Security installed, some subprograms may be flagged as risky files during the software installation process. Simply click Run to proceed.

[Notes for Product Compatibility Issues]

1. The PC version software supports Windows 7 or later version, but does not support macOS and Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

3. The V1.1.1 version optimizes the Take speed in the event controller software. However, please note that the seamless switcher, event controller, and software versions all need to be V1.1.1 or later for proper compatibility.

********** PixelFlow V1.1.0 2023.10.16
****

[PixelFlow Software] PixelFlow V1.1.0

[Supporting Event Controllers] U5, U5 Pro V1.1.0

[Supporting Seamless Switchers] P20, P10, Q8 V1.1.0

[New Features]

1. PC software supports the virtual device function.
2. PC software supports the virtual project function.
3. Support the layer pixel-to-pixel scaling function.
4. Support opening layers with PGM sources on other screens using the Q8 seamless switcher.
5. Support multiple screen operations in the editing area of the Screen module.

[Changes]

1. The canvas size limit is removed in this version. Using the sliders to move the layer may cause unexpected position changes. It is recommended to enter specific coordinates for precise adjustments.
2. Optimized the hotspot design of function buttons on the layer in the Programming module to improve usability.

[Bug Fixes]

1. Fixed the issue of two virtual keyboards popping up when unlocking the U5 screen.
2. Fixed the issue where the mask parameters would change randomly when adjusting the values of the mask parameters.
3. Fixed the issue of unable to rename BKG on the event controller.
4. Fixed the problem of incorrect status display of the T-bar progress after pushing the T-bar halfway and then pushing it back in the event controller software.
5. Fixed the problems of the file verification box popping up and no progress bar during the upgrade process of the event controller.

[Event Controller Bug Fixes]

1. Fixed the issue where the T-bar on the event controller is not automatically unlocked after power-on.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.
2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

4. If you need to downgrade the event controller software from version 1.1.0 to 1.0.0, please uninstall the software first and then install version 1.0.0.

5. Currently this version does not support importing virtual projects to real devices.

[Notes for Product Compatibility Issues]

1. The PC version software supports Windows 7 or later version, but does not support macOS and Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

********** PixelFlow V1.0.2 2023.9.18
****

[PixelFlow Software] PixelFlow V1.0.2

[Supporting Event Controllers] U5, U5 Pro V1.0.2

[Supporting Seamless Switchers] P20, P10, Q8 V1.0.2

[New Features]

None

[Changes]

None

[Software Bug Fixes]

1. Fixed the issue where the selected status of layer button on the event controller is incorrect when copying or mirroring layers. The original layer button should be selected on the event controller, but it was not.

2. Fixed the issue where the maximum spacing value is incorrect after the test pattern is switched.

3. Fixed the issue where the device version displayed on the Maintenance page is incorrect after the project file is applied.

[Event Controller Bug Fixes]

1. Changed the storage method of T-bar calibration data to software storage and optimized the calibration process to address the issue of needing to re-calibrate T-bar after some on-site updates.

2. Adjust the default value of the startup brightness from 100% to 10%. The brightness will be restored upon you enter the system, reducing the discomfort caused by the strong backlight when the screen starts up with a black background.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

[Notes for Product Compatibility Issues]

1. The PC version software supports Windows 7 or later version, but does not support macOS and Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

** PixelFlow V1.0.1 2023.8.22
****

[PixelFlow Software] PixelFlow V1.0.1

[Supporting Event Controllers] U5, U5 Pro V1.0.1

[Supporting Seamless Switchers] P20, P10, Q8 V1.0.1

[New Features]

1. Support the cancellation of project exporting.

2. Support the synchronization and mutual takeover between the LED strip of the event controller's fader and the software interface control (such as slider).

3. Support one-click restoration of default layout.

4. Support the device working mode switching.

5. Support locking of screen configuration interface to prevent accidental misoperations.

6. Support the HDCP status display for input sources from the P series switchers.

7. Support the update of the selected cards.

[Improvements]

1. Optimized the UI style for mouse hover and selection on the device rear panel.

2. Optimized the visual effect of the Take button when it is being clicked.

[Changes]

None

[Bug Fixes]

1. Resolved the defects when creating layers and changing layer sources.

2. Resolved the defects in the Device module.

3. Resolved the defects in the Screen module.

[Notes]

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

[Notes for Product Compatibility Issues]

1. The PC version software supports Windows 7 or later version, but does not support macOS and Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

********** 2023.7.14 PixelFlow V1.0.0 First Release **********

【PixelFlow Software】 PixelFlow V1.0.0

【Supporting Event Controllers】U5, U5 Pro V1.0.0

【Supporting Seamless Switchers】P20, P10, Q8 V1.0.0

【New Features】

1. Support the full-featured control over the U5 and U5 Pro event controllers V1.0.0.

2. Support the full-featured control over the P20, P10, and Q8 seamless switchers V1.0.0.

3. Support the connection and control over multiple switchers.

4. Support the adjustments of the connector resolution, EDID, input and output color.

5. Support the HDCP enabling and disabling functions.

6. Support the switching of the device working modes.

7. Support the device basic information display, network settings, date and time settings, as well as factory reset settings.

8. Support the input source hot backup function.

9. Support the Genlock synchronization settings.

10. Support the input, PVW and PGM view functions.
11. Support the screen configuration, connector replacement and connector layout settings.
12. Support the screen name settings and the screen properties display.
13. Support the adjustment of the screen display effect.
14. Support the output timing, advanced timing, color space, bit depth and HDCP settings.
15. Support the test pattern function.
16. Support the AOI settings.
17. Support the PVW and PGM editing functions.
18. Support various layer operations, including setting the layer name and properties, layer size adjustment and layer scaling.
19. Support the layer border and mask settings.
20. Support the layer flipping function.
21. Support the adjustment of the layer aspect ratio.
22. Support the layer color, monochrome and color inverting settings.
23. Support the layer input cropping function.
24. Support the DSK (keying) adjustment.
25. Support the FTB, FRZ, Take, Cut, and T-Bar functions.
26. Support the fade transition effect and the swap and copy mode switching.
27. Support the PGM Edit function.
28. Support the input source cropping, BKG and LOGO files importing.
29. Support the Capture function.
30. Support the Multiviewer template switching and Multiviewer viewing functions.
31. Support the preset loading, preview and saving functions.
32. Support the project file importing and exporting functions.
33. Support the EDID importing and exporting functions.
34. Support the event controller settings and PTZ control.
35. Support the device maintenance, update and diagnostic functions.
36. Support the UI language switching and log exporting functions.

【Changes】

None

【Bug Fixes】

None

【Notes】

1. The software does not support the use of the event controller numeric keys to enter negative numbers or anything starting with a "-". If necessary, you can use an external keyboard or the software slider function to fulfill your requirements.

2. When the event controller is used for device control, the main screen display will partially block the virtual keyboard, startup animation and update tool. Please close the main screen display first, move the virtual keyboard as you wish, and then re-open the main screen display.

3. When the event controller is used for device control, please avoid simultaneous pushing or dragging of multiple physical faders, which may cause data inconsistencies. Independent operation of a single fader will not have this problem.

4. During the exporting of EDID and gallery files, it will prompt "Exported successfully" before the completion of the actual exporting.

5. After the device goes offline and online again, if the input view function does not work correctly, please go to Settings - Input View to disable and enable the function again, which can help you solve this problem.

【Notes for Product Compatibility Issues】

1. The PC version software supports Windows 7 or later version, but does not support macOS and Linux.

2. On a computer with dual graphics cards, the software may not be started normally. It is recommended you change a computer and retry.

3 Copyright

Copyright © 2025 Pixelhue Technology Ltd. All Rights Reserved.

No part of this document may be copied, reproduced, extracted or transmitted in any form or by any means without the prior written consent of Pixelhue Technology Ltd (hereinafter referred to as PIXELHUE).

Trademarks

PIXELHUE is a trademark of Pixelhue Technology Ltd.

Brand and product names mentioned in this manual may be trademarks, registered trademarks or copyrights of their respective holders.

Statement

Thank you for choosing PIXELHUE products. This document is intended to help you understand and use the products. PIXELHUE may make improvements and/or changes to this document at any time and without prior notice. If you experience any problems in use or have any suggestions, please contact us via the contact information given in this document. We will do our best to solve any issues, as well as evaluate and implement any suggestions.

This document could contain technical inaccuracies or typographical errors. Changes are periodically made to the information in this document; these changes are incorporated in new editions of this document.

The latest edition of user manuals can be downloaded from the PIXELHUE website www.pixelhue.com.

Official website
www.pixelhue.com

Technical support
service@pixelhue.com