SYSOLUTION

S45S Operating Instruction

Version: V.1.1



Statement

Dear user friend, thanks for choosing SHENZHEN SYSOLUTION TECHNOLOGY CO.,LTD (hereinafter referred to as Sysolution) as your LED advertising equipment control system. The main purpose of this document is to help you quickly understand and use the product. We strive to be precise and reliable when writing the document, and the content may be modified or changed at any time without notice.

Copyright

The copyright of this document belongs to Sysolution. Without the written permission of our company, no unit or individual may copy or extract the content of this article in any form.

Trademark



| NO. | Version Number | Update | Revised date | |
|-----------|----------------|---------------|--------------|--|
| 1 Ver.1.0 | | initial issue | 2023.08.29 | |
| 2 Ver.1.1 | | Add contents | 2024.11.07 | |

Note: The document content is subject to modification without prior notice.

Include the model number: S45S S52 S50 S60E

| Interface Definition | 1 |
|-----------------------------------|----|
| Hardware connection diagram | 4 |
| Operation Menu | 5 |
| LCD screen Interface Instructions | 5 |
| Screen Parameters | |
| Output Resolution | 6 |
| Customized Resolution | 7 |
| Match Screen | 7 |
| Window Display | 8 |
| Shortcut Window | 8 |
| Zoom | 10 |
| Capture | 11 |
| Image | |
| TEST Mode | 13 |
| Audio Input | |
| Volume | 14 |
| Freeze | |
| Black Screen | 14 |
| Scene Preset | |
| Save | |
| Load | 15 |

Catalog

| Advanced Functions | 15 |
|------------------------------------|----|
| VGA Correction | 16 |
| EDID | |
| Scheduled Switching | |
| Scheduled Brightness | |
| Screen Inspection | |
| SD Card Backup | |
| Simple Screen Connection | |
| Network Setup | 20 |
| System setup | |
| Version | 21 |
| Date And Time Setup | 22 |
| Language | 22 |
| Key Lock | 22 |
| | |
| Ex-Factory Setup | |
| Upgrade Processor | 23 |
| LedSet4.0 Software Operation | 24 |
| Enter the software setup interface | 24 |
| Image output | |
| Common Configurations | 24 |
| Input signal | 25 |
| Image stitching | 26 |
| Scene Activation | 26 |

| cene Editing |
|--------------|
|--------------|

HERMAREN SYSOLUTION TECHNOLOGY CO. IT

Interface Definition

Front Panel



| | | TEST, Test card key/number key8 | |
|---|------------------|---|--|
| | | WIN, Layer Selection/number key 4 | |
| | | PART, partial full-screen shortcut/number key 5 | |
| F | Function keys | TEMPLATE, multi-screen template shortcut key | |
| 5 | | SIZE, screen resizing shortcut/number key 9 | |
| | | FREEZE, image black screen / number key 0 | |
| | | MODE, loading scene shortcut | |

Rear Panel



| Extended | Extended Function Interfaces | | | | | | |
|------------|------------------------------|---|--|--|--|--|--|
| Interface | Interface Number Description | | | | | | |
| SD card | | Install SD card to store large screen configuration | | | | | |
| SD caru | | parameters for data patrol | | | | | |
| Input Inte | rfaces | | | | | | |
| | | | | | | | |

| Interface | Number | Description |
|-----------|--------|--|
| DVI 1 | | 1920x1080/60HZ, 3840*540/60HZ and EDID management |
| HDMI1 | 1 | 1920x1080/60HZ, 3840*1080/60HZ and EDID management |

X

| HDMI2 | 1 | 1920x1080/60HZ, 3840*1080/60HZ and EDID management | |
|---|--------------------------------------|---|--|
| DP | 1 | 1920x1080/60HZ, 3840*2160/60HZ and EDID management | |
| VGA | 1 | 1920x1080/60HZ and EDID management | |
| Output In | terfaces | | |
| Interface | Interface Number Description | | |
| Ciaphit | | Interface type: RJ45 | |
| Gigabit | | Transmission speed: 1000BaseTX | |
| network 6 | | Support receiving card: D70/D90 series receiving card and | |
| port | | multi-function card | |
| Processor | Control In | Interfaces er Description | |
| Interface | Number | | |
| UPDATE | 1 | USB upgrade port | |
| USB | 1 | Support 1920×1200@60Hz | |
| | | | |
| | . (| 100M network communication interface (reserved | |
| LAN1 | | 100M network communication interface (reserved interface) | |
| LAN1 RS232 | 1 1 1 2 | 100M network communication interface (reserved interface) Serial port interface | |
| LAN1 RS232 Power sup | 1 1 ply interfa | 100M network communication interface (reserved interface) Serial port interface ce | |
| LAN1 RS232 Power sup Interface | 1 1 ply interfa | 100M network communication interface (reserved interface) Serial port interface ce Description | |
| LAN1 RS232 Power sup Interface Power | 1 1 ply interfa Number | 100M network communication interface (reserved interface) Serial port interface ce Description | |
| LAN1 RS232 Power sup Interface Power connector | 1 1 ply interfa Number 1 | 100M network communication interface interface) Serial port interface ce Description AC power input interface 100V~240V | |

Hardware connection diagram



LCD screen Interface Instructions

When power on and device run up, lcd screen will show like the screenshot in below:

| 2024-01-24 10:07 USB Link down-NET Link down | | | | | | |
|--|--------------------|-------|--|--|--|--|
| WIN1 | HDMI2 NO SIGNAL! | P1 P5 | | | | |
| WIN2 | UNUSED! | P2 P6 | | | | |
| WIN3 | UNUSED! | P3 | | | | |
| WIN4 | UNUSED! | P4 | | | | |
| OUTPUT: 3840×1080 60Hz SCREEN 1152×1152 | | | | | | |
| VGA | DVI HDMI1 HDMI2 DP | HDMI3 | | | | |
| 7.0°C 5.02V 1 🗖 🛱 🛞 🕞 | | | | | | |

It accurately displays the signal source resolution, each window information, network port connection status, key lock status, USB debugging cable connection status and other information input from our front end.



Screen Parameters

Output Resolution

Enter "Output" Menu and will see the screenshot in below:



The system presets 18 output resolutions, see the picture above. When actually applied to an LED display screen, we can choose a preset output resolution that is larger than the LED screen resolution, or set it to an output resolution that is exactly the same as the LED display screen resolution.

For example, we use a desktop computer with a 1920X1080 resolution monitor. The graphics card output is set to copy or extend the 1920X1080 resolution. The DVI line is output to the video processor. The LED screen resolution is 1344X704 and use one sending card to support. How to set it up? What about the LED video processor parameters? The following introduces the general setting method:

Operation method:

First of all, the interfaces of each hardware device must be normal and the input and output connections must be correct. I will not go into details here.

Step1, Set the output resolution. Specific operations: Main menu - "Output" - "Resolution" to select a preset resolution larger than 1344X704, such as "1366X768, 1680X1050, 1920X1080", apply;

Step2, set full-screen display, that is, the entire desktop of the computer is scaled and displayed on the LED screen. Specific operations: Main menu - "Output" - enter "Window Adjustment" and change the horizontal width to 1344 and the vertical height to 704; Step3, Use the set parameters as a template. Specific operations: Main menu - "Scene" to save, HNOLC select a template to save.

Customized Resolution

| 2024-01-24 10:10 | SCREEN | 2024-01-24 10:10 | RESOLUTION |
|------------------|----------------|------------------|------------|
| Resolution | 3840x1080 60Hz | Width | 3840 |
| Customer Res | | Height | 1080 |
| Screen Match | | Frame Rate | 60 |
| | | Apply | |
| | | | |
| | | | |

When there is no output resolution that meets our needs among the 18 preset output resolutions, such as 1920X1280 size, then it is necessary to customize the resolution. Specific operations: Main menu - "Output Display" - "Resolution" - " Custom Resolution", set the screen width to 1920, the screen height to 1280, the refresh rate to 60, and apply.

Match Screen

Screen matching: Automatically identify the LED screen parameters set using the host

computer software LEDSET4.0.



Window Display

Set quick window opening, window size, window input image screenshot, image quality settings, built-in test images, input audio selection, output volume, image freezing, and output black screen.



Shortcut Window

Quickly set the desired output quantity and window placement, and can open up to 4

windows.



| No. | Demonstration | Notes | No. | Demonstrations | NOTES |
|-----|---------------|--|-----|----------------|---|
| 1 | 1 2 | Windows 1 and 2 can | 6 | | Windows 1,2 and 3 can not cross the vertical |
| | | vertical line | | 2 | and 2 can move up and down. |
| | | | | | Window 1 can move |
| 2 | | Windows 1 and 2 can not cross the middle horizontal line | 7 | 1 2 3 | freely within the screen, windows 2 and 3 can not cross the vertical line but can move up and down. |
| 3 | 1 | Window 2 cannot start against the left and right sides of window 1. The interval is one | 8 | 1 2 3 | Window 3 can move freely within the screen. windows 1 and 2 can not cross the |

| | | column. Windows 1 | | | vertical line but can |
|---|-------|------------------------|-----------|------------|------------------------|
| | | and 2 can move freely | | | move up and down. |
| | | within the screen. | | | |
| | | Window 1 can move | | | Windows 1 2 3 4 can |
| | | freely within the | | | not cross the vertical |
| 4 | 2 1 3 | screen, window 2 and 3 | 9 | 1 2 3 4 | lines but can move up |
| | | can no cross the | | Ċ | and down |
| | | middle vertical lines. | | 00 | and down. |
| | | Windows 1,2 and 3 can | | | |
| | | not cross the vertical | | <u>C</u> | |
| 5 | 1 2 3 | lines but windows 2 | \langle | | |
| | | and 3 can move up and | | | |
| | | down. | | | |

Zoom

In zoom, you can set the input signal source of each window, the size and position of the

| window. The default parameters are the parameters set when opening the window qui |
|---|
|---|

| | 2024-01-24 10:30 | WINDOWS | 2024-01-24 10:31 | ZOOM |
|--------|------------------|---------|------------------|-------|
| | Shortcut Mode | | Window | WIN1 |
| | ZOOM | | Input | HDMI2 |
| \sim | Capture | | H Start | 0 |
|) | Picture | | V Start | 0 |
| | Pattern | | H Size | 3840 |
| | Audio In | WIN1 | V Size | 1080 |
| | Volume | 50 | | |

Window serial number: Use the knob to select the window to be set;

Signal source: The knob selects the input signal source of the current window.

Window width, height and starting position: After selecting, rotate the knob to change the

value, or press the digital key to enter the value;

Note: Parameter settings follow the multi-window precautions in "Quick Window Opening",

Capture

In screenshot, you can set the input image interception switch of each window to intercept the size and position of the input image. Default parameters are full screen capture.

| 2024-01-24 10:32 | WINDOWS | 2024-01-24 10:32 | CROP |
|------------------|---------|------------------|------|
| Shortcut Mode | | Window | WIN1 |
| ZOOM | | Crop Switch | OFF |
| Capture | | H Start | 0 |
| Picture | | V Start | 0 |
| Pattern | | H Size | 1920 |
| Audio In | M/IN1 | V Size | 1020 |
| Volume | 50 | | 1000 |

Window serial number; Use the knob to select the window to be set;

Interception status: set the interception switch;

Width, height and starting position: After selecting, rotate the knob to change the value, or

press the digital key to enter the value.

lmage

In the image, you can set the output image brightness, contrast, color temperature, saturation,

sharpness, hue, gamma value, or restore the image to factory settings with one click.

| 2024-01-24 10:32 | WINDOWS | 2024-01-24 10:32 | ATTRIBUTE |
|------------------|---------|------------------|-----------|
| Shortcut Mode | | Brightness | 50 |
| ZOOM | | Contrast | 50 |
| Capture | | Color Temp | NORM |
| Picture | | Saturation | 50 |
| Pattern | | Sharpness | 10 |
| Audio In | WIN1 | Hue | 50 |
| Volume | 50 | Gamma | 1.8 |

- Brightness, adjust the output image brightness value, the system default is 50, 0-100 can be set;
- Contrast, adjust the output image contrast value, the system default is 50, 0-100 can be set;
- Color temperature, adjust the color temperature mode of the output image. The system defaults to normal color temperature, and you can choose "cold color or warm color";
- Saturation, adjust the output image saturation value, the system default is 50, 0-100 can be set;
- Sharpness, adjust the output image sharpness value, the system default is 10, 0-15 can be set;
- Hue, adjust the hue value of the output image. The system default is 50 and can be set from 0 to 128;
- Gamma, adjust the gamma value of the output image, the default is 1.8, 1.8, 2.0, 2.2, 2.4, 2.6 are optional;
- Restore to default, quickly restore all image settings to default values with one click.

TEST Mode

In test mode, you can turn on or off the output of built-in test images.

| 2024-01-24 10:32 | WINDOWS | 2024-01-24 10: | 32 | | PATTE | RN | |
|------------------|---------|----------------|--------------|-------|-------|----|--------|
| Shortcut Mode | | | | | | | \sim |
| ZOOM | | | | | | | |
| Capture | | RED | GREEN | BLUE | CYNA | | 5 |
| Picture | | | | | | | |
| Pattern | | EGENT | ELLOV | WHITE | BLANK | | |
| Audio In | WIN1 | | | ::** | | | |
| Volume | 50 | | | | | | |

It is off by default. When it is on, select white, red, green, blue, black and other test picture

outputs.

Audio Input

In the audio input, you can select the audio input corresponding to the input signal following

windows 1, 2, 3, 4 or the external headphone input.

| | 2024-01-24 10:33 | WINDOWS |
|-----|------------------|---------|
| C | Shortcut Mode | |
| | ZOOM | |
| | Capture | |
| | Picture | |
| CAL | Pattern | |
| | Audio In | WIN1 |
| | Volume | 50 |

Volume

The knob sets the audio output volume, the default is 50, 0-100 levels are optional.

| 2024-01-24 10:33 | WINDOWS | |
|------------------|---------|---------------|
| Shortcut Mode | | |
| ZOOM | | |
| Capture | | -0. |
| Picture | | \mathcal{O} |
| Pattern | | |
| Audio In | WIN1 | |
| Volume | 50 | |
| | | |

Freeze

By operating the knob, when it is turned to "on", the output picture freezes uncontrollably, and when it is turned to "off", the output picture continues to be displayed.

Black Screen

It is off by default, and when switched on, the processor outputs a black screen.

Scene Preset

Save multiple usage scenarios, save the setting parameters of "screen splicing", "window

display" and input signal source, and quickly load and call the saved scene application.



Save

Save the current display effect as a scene preset.

Select the knob to save, open the save interface, and select the saved scene number to complete the scene saving. If the selected scene number already has parameters, it will be overwritten by the new scene parameters;

Load

Recall saved scene presets;

Clear data: Clear all saved scene presets.

Advanced Functions

Set up VGA correction, EDID, scheduled switching, scheduled brightness, screen inspection,

SD card backup, simple screen connection, and forced output.

www.sysolution.net



VGA Correction

Input VGA signal. When the LED screen has abnormal phenomena such as picture loss or offset, this function can be used to automatically adjust the position of the VGA signal.

| 2024-01-24 10:35 | ADVANCED |
|------------------|----------|
| VGA Align | |
| EDID | |
| Timing Switch | |
| Timing Bri | |
| Screen Patrol | |
| Sdcard Item | |
| Easy Layout | |

EDID

The EDID of the input signal HDMI1, HDMI2, HDMI3, DP, and DVI can be selected. Common resolutions such as $1366x768_{60Hz}$, $1440x900_{60Hz}$, $1920 \times 1080_{60HZ}$, $2560 \times 1080_{60HZ}$, $3840 \times 1080_{60HZ}$, $3840 \times 2160_{60HZ}$ can be set, and the EDID can also be customized according to the actual situation.

| 2024-01-24 10:36 | ADVANCED | 2024-01-24 10:36 | EDID |
|------------------|--|------------------|----------------|
| VGA Align | | Input Source | HDMI1 |
| EDID | | Common EDID | 1920x1080 60Hz |
| Timing Switch | | Customer EDID | |
| Timing Bri | | | |
| Screen Patrol | | | |
| Sdcard Item | 12-12-12-12-12-12-12-12-12-12-12-12-12-1 | | Stallin |
| Easy Layout | | | |

Scheduled Switching

Timing can be set to switch scene modes.

| 2024-01-24 10:36 | ADVANCED 2024-01-24 10:36 | SWITCH |
|------------------|---------------------------|----------------|
| VGA Align | Scene | TIME 1 |
| EDID | Status | OFF |
| Timing Switch | Scene | SCENE 1 |
| Timing Bri | Time | 09:00-10:00 |
| Screen Patrol | Mode | Once |
| Sdcard Item | | Stating Sector |
| Easy Layout | | |
| | | |

• Time period, you can set segments 1-5, 5 time periods. If the time overlaps, the previous time period will be executed first.

time period will be executed list.

• Status, closed by default, open to start scheduled switching, and switch the port at the set

time.

- Scene, select the scene preset called by scheduled switching.
- Time, customize the start and end time.
- Number of times, choose single or daily.

Scheduled Brightness

• Time period, you can set segments 1-5, 5 time periods. If the time overlaps, the previous time period will be executed first.

- Status, closed by default, open to start scheduled switching, and switch the port at the set time.
- Brightness, set the brightness value, the range is "0-100".
- Time, customize the start and end time.
- Number of times, choose single or daily.

| 2024-01-24 10:37 | ADVANCED | 2024-01-24 10:37 | TIMING BRI |
|------------------|----------|------------------|--------------------|
| VGA Align | | Scene | TIME 1 |
| EDID | | Status | OFF |
| Timing Switch | | Brightness | 60 |
| Timing Bri | | Time | 09:00-10:00 |
| Screen Patrol | | Mode | Once |
| Sdcard Item | | | Contraction of the |
| Easy Layout | | | |
| | | | |

Screen Inspection

Timing can be set to switch scene modes,

| 2024-01-24 10:46 | ADVANCED | 2024-01-24 10:46 | DATA PATROL |
|------------------|----------|------------------|-------------|
| VGA Align | | Patrol Type | ALL |
| EDID | | Patrol Times | One |
| Timing Switch | | Patrol Data | Inner Flash |
| Timing Bri | | Patrol Start | |
| Screen Patrol | | Save patrol data | |
| Sdcard Item | | Off patrol | |
| Easy Layout | | | |

LED---Screen inspection---Internal inspection

Send the display connection file in the complex screen adjustment in the host computer screen configuration interface, and then click the inspection data next to it to save the data. For internal storage inspection, you can select the inspection type: receiving card, sending card, all; can Select the number of inspections. Only the receiving card inspection can be inspected infinitely. For the sending card, all inspections can only be selected once. Curing is performed after inspection. Note: After the unlimited inspection of the receiving card is turned on, the USB needs to be unplugged. After unplugging the USB, the menu cannot be used. To operate and restore, you can press and hold the button for 10 seconds to turn off the inspection or plug in the USB again to turn it off;

LED---screen inspection---external SD card inspection

Send the display connection file in the complex screen adjustment in the host computer screen configuration interface, then click the inspection data next to it to save the data, and then save the file to the SD card (the file suffix must be: .bin), and use the external SD card The inspection type can be selected for inspection: receiving card, sending card, all; the number of inspections can be selected, only receiving card inspection can be inspected infinitely, sending card, all can only be selected once; curing is performed after inspection; Note: receiving After the unlimited inspection of the card is turned on, the USB needs to be unplugged. After unplugging the USB, the menu cannot be operated. To restore, you can press and hold the button for 10 seconds to turn off the inspection or replug the USB;



SD Card Backup

Back up the video processor setting parameters to the SD card, or restore the setting parameters from the SD card to the video processor.

| 2024-01-24 10:46 | ADVANCED | 2024-01-24 10:46 | SDCARD | |
|------------------|----------|--------------------|--------|----------------|
| VGA Align | | Save file to sdcar | | |
| EDID | | Load file form sdc | | |
| Timing Switch | | | | • |
| Timing Bri | | | | ² V |
| Screen Patrol | | | | \mathbf{O} |
| Sdcard Item | | | | |
| Easy Layout | | | | |
| | | | | |

Simple Screen Connection

As shown in the figure below, the processor provides 8 common display connection methods,

and users can choose and apply them according to the actual connection conditions of the

network cable.

| 2024-01-24 10:53 | LAYOUT | 2024-01-24 10:54 | LAYOUT | 2024-01-24 10:54 | | | LAYOUT |
|-------------------|------------|------------------|--------|------------------|---------------|-----|--------|
| Arrange Mode | Horizontal | Net Port | PORT1 | | | | |
| H Offset | 1 | Box Line | 0 | | \rightarrow | | 4 |
| V Offset | 0 | Box Row | 1 | | | 4 | |
| Next Step | | Layout Mode | | | | | |
| N N | | Prev Step | | П | | | îП |
| The second second | | | | L * | | ¥ 🗆 | |
| | | | | | | | |

Arrangement mode, select horizontal and vertical arrangement, set horizontal and vertical offset, next step, set the number of cabinet columns, cabinet rows, wiring method, and set the

next network port after completion.

Network Setup

Set the processor 100M network control port parameters.



Check the processing version information, set the processor's built-in clock, menu language,

key lock, factory settings, and upgrade the processing firmware with a USB flash drive.



Version

View processor, FPGA, and MCU version information.

| 2024-01-24 11:01 | VE | RSION |
|-----------------------------------|----------------|-------|
| FPGA | 99.07.04.07 | |
| Processor | 04.25 01.27 | |
| | | L. |
|) ilt-in time and clocl | ۲. | ,0V |

Date And Time Setup

Set the processor's built-in time and clock.

| 2024-01-24 11:01 | SYSTEM | 2024-01-24 11:01 | | DAY & TIM |
|------------------|-----------------------|-------------------------|---------------|-----------|
| Version | | | | |
| Day & Time | | 20 24 34 | | |
| Language | ENGLISH | 20 <mark>24</mark> Year | 01 Mon | 24 Day |
| Key Lock | ON | 11 Hour | 01 Min | 24.0 |
| Recover | and the second second | | OT MIN | 21 Sec |
| Updata | | | | |
| | | | | |

Language

Set the processor menu language, Chinese and English are available.

Key Lock

Turning on the key lock function is to prevent misoperation and lock the front panel key functions. The default "off" state, select the "on" state, and then press the OK button to confirm, it will automatically lock if there is no operation for 3 minutes;

Ex-Factory Setup

; Restore all processor setting parameters to factory default settings.(Do not use it unless with

Technical support)

Upgrade Processor

Insert the USB flash drive and select the upgrade processor.(Do not use it unless with

Technical support)

| 2024-01-24 11:01 | SYS | TEM |
|------------------|----------------|-----|
| Version | | |
| Day & Time | | |
| Language | ENGL | ISH |
| Key Lock | | ON |
| Recover | STATISTICS INT | |
| Updata | 121222 | |

The firmware program file MVB_PROCESSOR.bin is saved in the root directory of the U disk, and the U disk is connected to the processor USB interface. Select System----Upgrade Processor, and the processor will automatically start the upgrade operation.

Note: The firmware program file name must be "MVB_PROCESSOR.bin"; during the upgrade process, do not power off the processor.

LedSet4.0 Software Operation

Enter the software setup interface

Open LedSet4.0 software, click "Sender" to enter the send card parameter setting interface.

The device list shows the sender model recognized by the software: S45S.

| | Development | | | | | | | |
|--|------------------------|-------------|------------|---------------------|-------------------------|-----------------|--------|---|
| 备列表: (1 / 1) | Paramete | r conti | guratio | on configuration | Input cignal | Image Stitching | LUI ID | |
| Device ID: 287930594D31 Model: \$80 | | epor | General | conngaration | mpar signal | intage sticking | 100 | - |
| | | | | | | | | |
| and and a second se | | Tuna Racion | | | | | | |
| | Type Image Clipping | (0,0) | -17680, 1 | 080) 7680 X 1080 | | | Modify | |
| | Net Port | Master/B | Multi-wind | Region | | | | - |
| | P1 | Nain | × | (0, 0)- | (384 ; 1080) 384 X 10 | 80 | Modify | - |
| | P2 | Nain | × | (384, 0)- | (768,1080) 384 X 10 | 80 | Modify | - |
| | P3 | Nain | × | (768, 0)- | (1152 , 1080) 384 X 10 | 80 | Modify | |
| | P4 | Main | × | (1152, 0)- | (1536 , 1080) 384 X 10 | 80 | Modify | |
| | P5 | Main | × | (1536, 0)- | (1920, 1080) 384 X 10 | 80 | Modify | |
| | P6 | Main | × | (1920, 0)- | (2304 , 1080) 384 X 10 | 80 | Modify | - |
| | P7 | Nain | × | (2304, 0)- | (2688 , 1080) 384 X 10 | 80 | Modify | |
| | P8 | Nain | × | (2688, 0)- | (3072 , 1080) 384 X 10 | 80 | Modify | |
| | P9 | Nain | × | (3072; 0)- | (3456 ; 1080) 384 X 10 | 80 | Modify | |
| | P10 | Nain | × | (3456 0)- | (3840 1080) 384 X 10 | 80 | Modify | - |

Image output

Click "Image Output" in the parameter configuration. The software will display the size of the image clipping and the position of each net port. By clicking Modify, you can set the horizontal and vertical offsets, width and height of the image clipping; horizontal and vertical image offset positions can be set for each net port.

Common Configurations

Click General Configuration in the Parameter Configuration. You can edit the settings for the processor name, if audio and color depth are enabled or not.

| 备列表: (1 / 1) | Parameter conf | Figuration | Input signal | Image Stitching | HUB | |
|--------------|----------------|------------|--------------|-----------------|------|---|
| | Name | 3 | | | | |
| | | | | | Edit | |
| | Audio | | | | | |
| | 🗌 Enable audio | | | | | |
| | Color Depth | | | | | |
| | ● 8bit ○ 10bit | | | | | + |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Input signal

Click "Input Signal" in the parameter configuration to open the input signal source setting interface. Click "Modify Resolution" to set the EDID information of the corresponding input interface; choose 4K input signal source, either HDMI2.0 or DP1.2.

| | | video output | Genera | configuration | Input signal | Image Stitching | HUB |
|-------------------|-------|--------------|------------------------------|---------------|--------------|-----------------|-------------|
| Model: 3 Name: | Sign | al source | | | | | |
| | 0] IN | | | | | | |
| | Gro | оир Туре | | State | | | |
| | 1 | DVI 1 | (DV12K) | Disconnected | | | Edit resolu |
| | 2 | DVI2 | (DVI 2K) | Disconnected | | | Edit resolu |
| | 3 | HDMI | 1 (HDN11,4) | Disconnected | | | Edit resolu |
| | 4 | HDMI | 2 (HDN11.4) | Disconnected | | | Edit resolu |
| | 5 | ● HI ○ DI | DNI3 (HDNI2.0) 21 (DP1.2) | Disconnected | | | Edit resolu |
| | 6 | SDI1 | (3G_SDI) | Disconnected | | | |

Image stitching

Scene Activation

By clicking on " Image stitching " in the parameter configuration, 10 different scene modes can be set and saved in the scene. Click "Scene Activation and as default" to display the scene mode in the output, and the scene number is marked with (\checkmark). Click "Edit" to enter the scene setting interface.

| 列表: (1 / 1) | Parameter con Video output | figuration General configuration | Input signal | Image Stitching | HUB | | | | | |
|--------------------------------------|---|-------------------------------------|--------------|-----------------|--------|--|--|--|--|--|
| evice ID: 287930594D31 odel: \$80 | Splicing mode | Splicing mode | | | | | | | | |
| ards: [0] | Scene ② 调试时自动创建场景 窗口创建模式: ③ Clipping 〇 Full screer | | | | | | | | | |
| | Scene No | | | | | | | | | |
| | 1 | Edit | | Load as d | efault | | | | | |
| | 2 | Edit | Ŷ | Load as d | efault | | | | | |
| | 3 | Edit | Ŷ | Load as d | efault | | | | | |
| | 4 | Edit | Ĩ | Load as default | | | | | | |
| | 5 | Edit | Î | Load as default | | | | | | |
| | 6 | Edit | Î | Load as default | | | | | | |
| | 7 | Edit | Î | Load as default | | | | | | |
| | 8 | Edit | <u> </u> | Load as default | | | | | | |
| | Canvas | | Ŷ | | | | | | | |

Scene Editing

In the scene editing interface, you can set pane open, pane deletion, size and position modification of each pane, pane stacking order, pane input signal source switching, pane input signal image capture.

| | Scene configuration | | | | | | | | - × | ×□ | |
|-----|---|---------------------|------------------|-----------------|------------|---------|--------|-----------------------|--------|----------|----|
| | Input signal list (the current select signal will be associated as input the window is created) | ted when Refresh | zoom in zoom out | New Full screen | Top Bottom | Up Down | Remove | ove all Switch signal | Reread | Reload | |
| | Index Signal | State | dowl | | | | | | | ^ | |
| | 1 1-1 - DVI1 (DVI2K) | Disconnected | | | | | | | | | |
| | 2 2-1 - DV12 (DV12K) | Disconnected | | | | | | | | | |
| | 3 3-1 - HDNI1 (HDNI1.4) | Disconnected | | | | | | | | | |
| | 5 5-1 - HDN13 (HDN12.0) | Disconnected | | | | | | | | | |
| | 6 6-1 - SDI1 (36_SDI) | Disconnected | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | Enable clipping | | | | | | | | | | |
| | X 0 Y 0 Wid | t 0 Heig 0 | | | | | | | | | |
| | Edit the window offset and size | + 512 Hoia 256 | | | | | | | | | |
| | | | | | | | | | | | |
| | Window list | Display | | | | | | | | | |
| | 1 1-1 - 0/11 (0/12K) | -32 283 1920 1080 | | | | | | | | | |
| | 2 1-1 - DVI1 (DVI2K) | 0, 0, 512, 256 | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | 1-1 - D\ | |
| | 4 | • | < | | | | | | | > | |
| SHE | | 54. | 01-1 | | | | | | | | |
| ww | w.sysolution.net | | | | | | | | | | 27 |