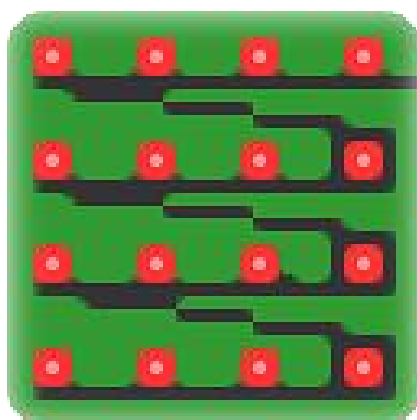


LedSet4.0 Configuration Software

Operating Instructions

—LedSet4.0



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.

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Chapter I Introduction

Shanghai Xixun Electronic Technology Co., Ltd.(Sysolution) is a global outdoor digital media and LED display control system solutions provider, which is committed to promoting the industrial upgrading of the industry with Internet technology and intelligent systems, and contributing to the creation of digital smart city. Over the past ten years, we have been plowing in this field, with excellent innovation, outstanding customization ability, excellent service ability, and won the trust of customers around the world!

LedSet4.0 is a new generation of Sysolution technology LED screen configuration parameters software, with Sysolution Android asynchronous and synchronous sender card, D60 series of receiver card use. It can realize the LED display receiver card intelligent settings, display connection and other functions.

Main functional features of LedSet4.0:

1. Support for various common PWM chips;
2. Support high refresh, high gray scale, high brightness of conventional chips;
3. Support the receiving card parameters to read back, communication fault detection;
4. Support the online automatic test of the receiving card;
5. Support for 8 / 10 BIT gray-scale image input;
6. Support any number of scanned lines within 64 sweeps.
7. Support the special-shaped module debugging;

How to find Ledset4.0:

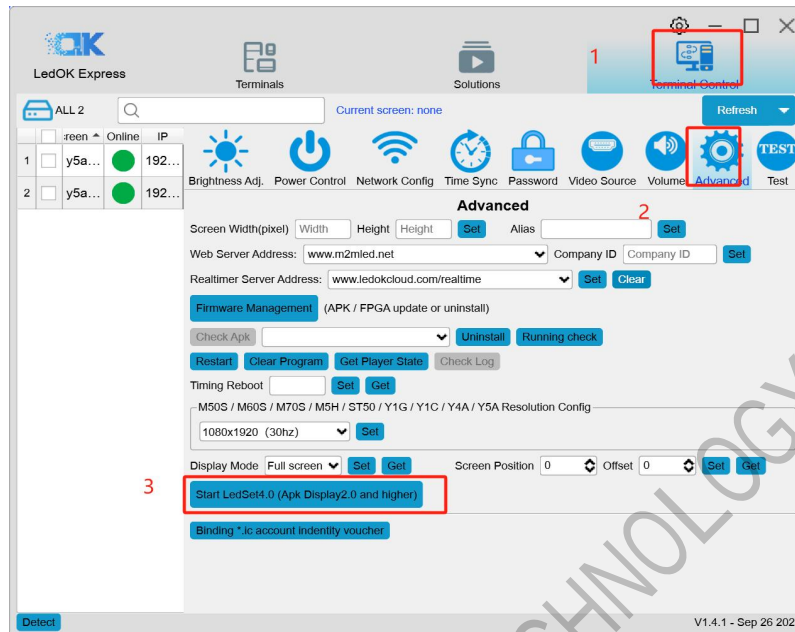
Please open Ledok Express software,

Click 'Terminal Control,

Click 'Advanced' ,

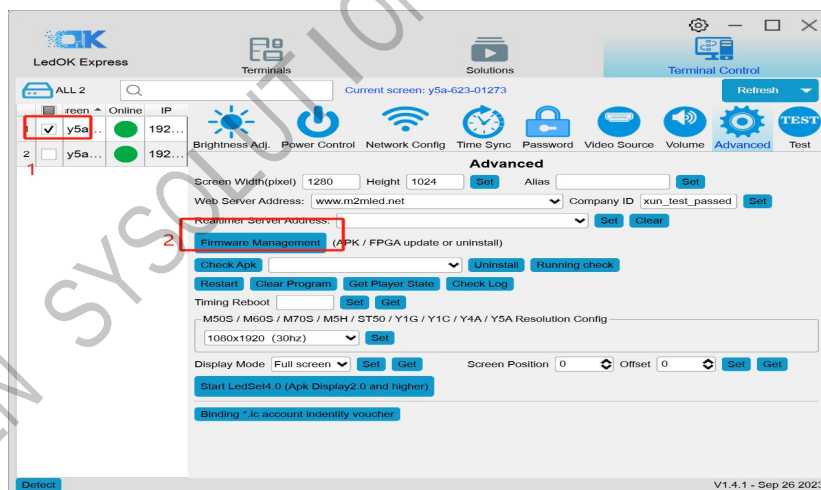
Enter password 888

Click 'start Ledset4.0' .

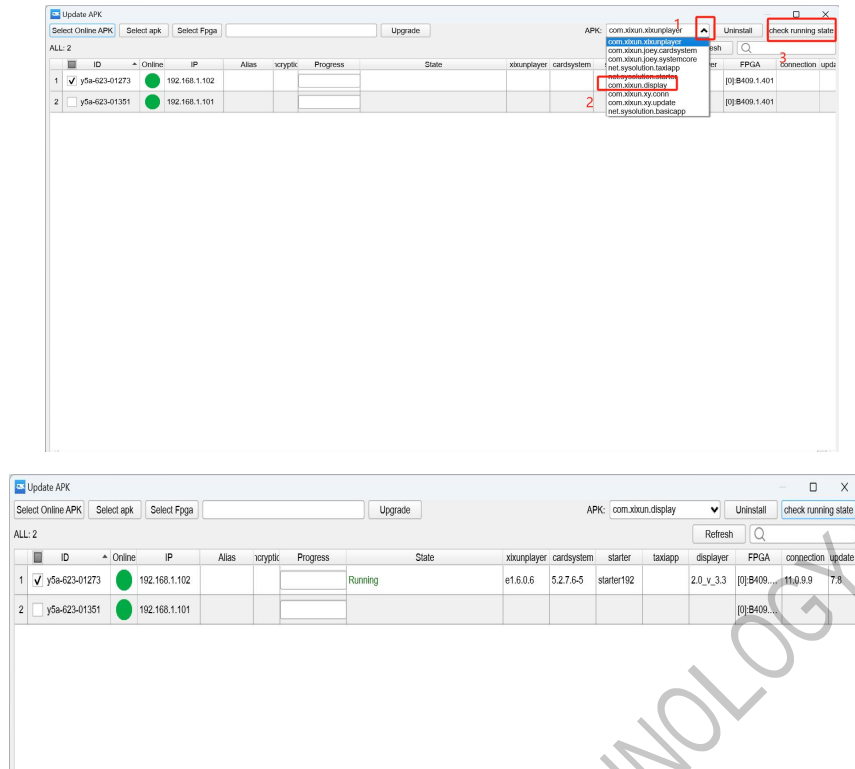


Note: Please make sure to install the display apk when using ledset 4.0.

Step 1: Tick the card, click 'Firmware management' .

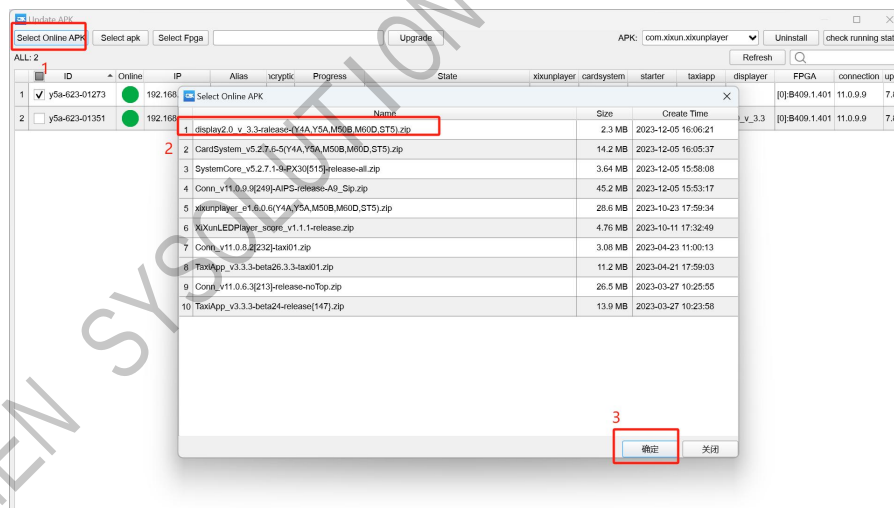


Step 2: Check whether display is running, click com.xixun.display, click 'check running state. If the state is running, you can use Ledset4. 0 normally.

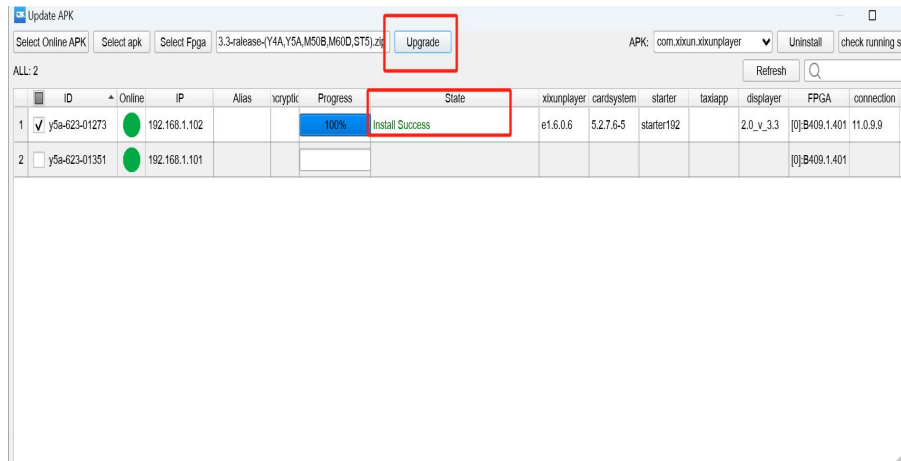


If the state is not running, follow the steps below to install display:

1. Click 'Select Online APK' , Choos 'display' , click 'ok'



2. Click 'Upgrade' .When the status is 'Install success' , the display has been installed.



Chapter II Operating Environment

2.1 Hardware Environment

CPU: Pentium 2.6GHz or above.

RAM: 512 M or more.

2.2 Software Environment

Operating System: WindowsNT/XP/Vista/Win7/Win8/Win10/WIN11.

Chapter III Hardware Connections

Step 1: Hardware Preparations:

Led controller Y5a, LED power supply, led module, 16pin flat cables, receiver card

D60-series,Ethernet cable x2 as shown in Figure 3-1.

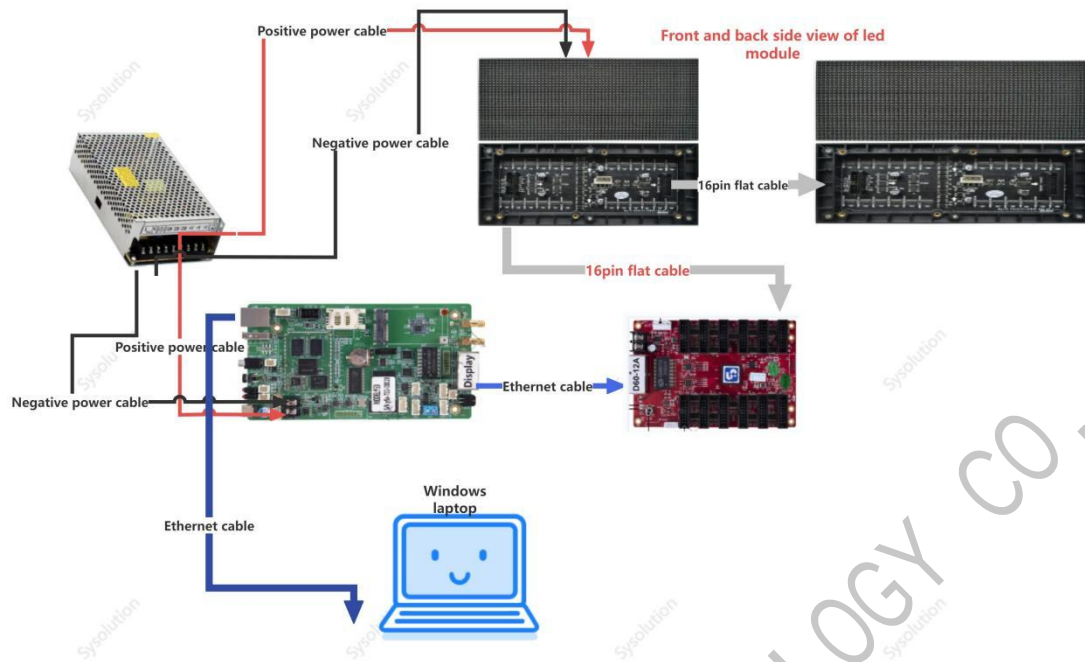


Figure 3-1 Hardware connection diagramY5a control card

Step 2:

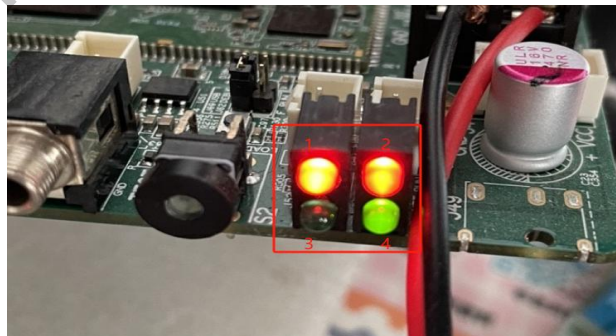
Turn on power after checking all hardware connection and make sure the Negative and Positive connect is correct. When the indicator lights of both the Sender and receiver cards are blinking, it means that the hardware is in normal.

Power light 1: solid on

Run light 2: flashing regular

FPGA light 3:flashing regular

Network port light 4: flashing



Step 3:

Open the configuration software LedSet4.0 and confirm whether communication is established with the sender and receiver cards, as shown in Figure 3-2.

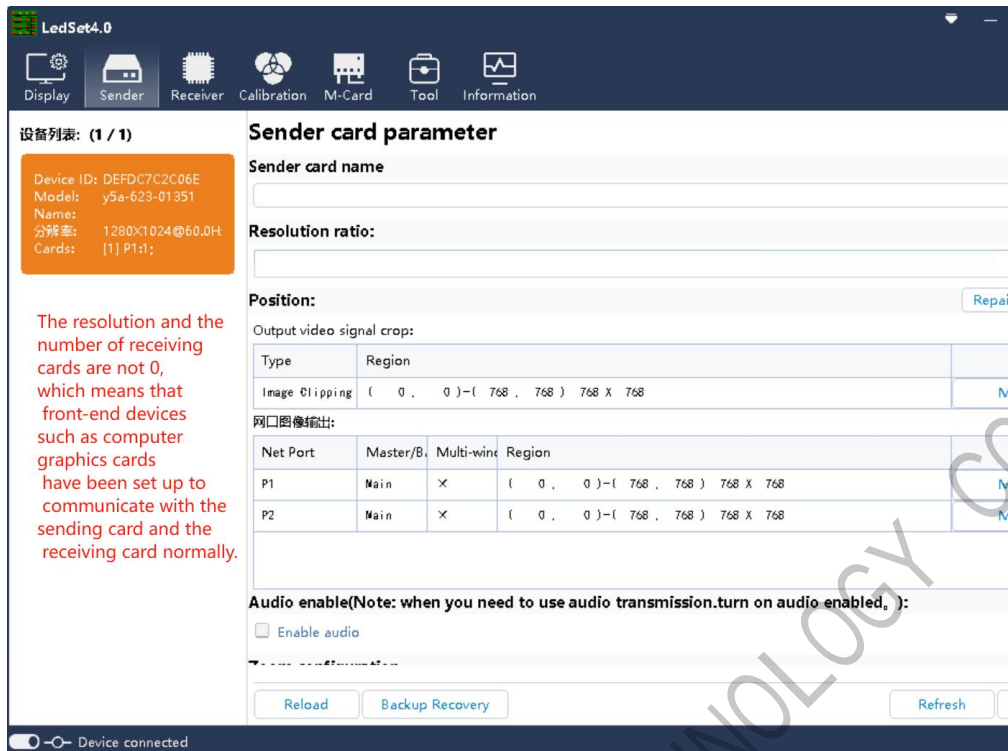


Figure 3-2

Note: Confirm whether the display card is set up through the LedSet4.0 configuration software, as shown in Figure 3-2.

Android asynchronous sender card connection schematic(Take Y5a as an example):

Step 1: Connect the Y5a to the computer according to the diagram below

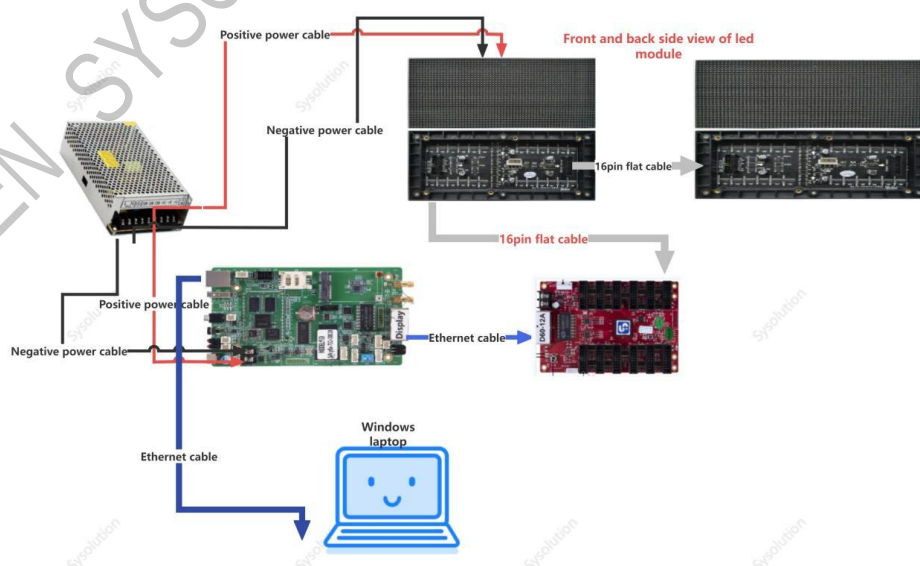


Figure 3-7

Step 2 : Confirm the hardware connection. Open the setup software LEDOK to automatically detect the Sender card, if it is not detected, please click 'detect', as in Figure 3-9:

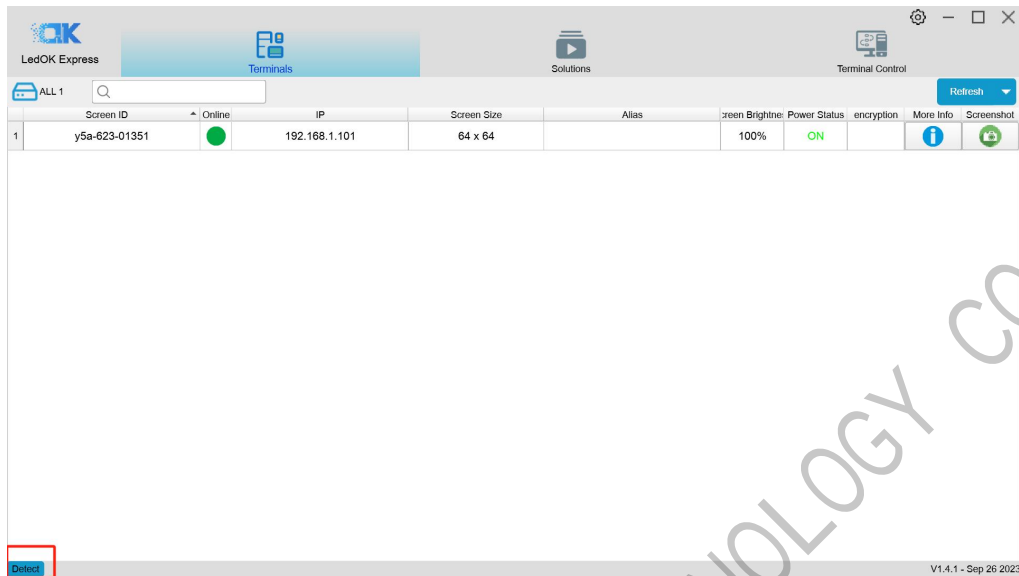


Figure 3-8

After detecting the control card, enter 'Terminal control', 'Advanced', password '888', click 'Start use ledset4.0' to enter the screen parameter setting, as shown in Figure 3-8:

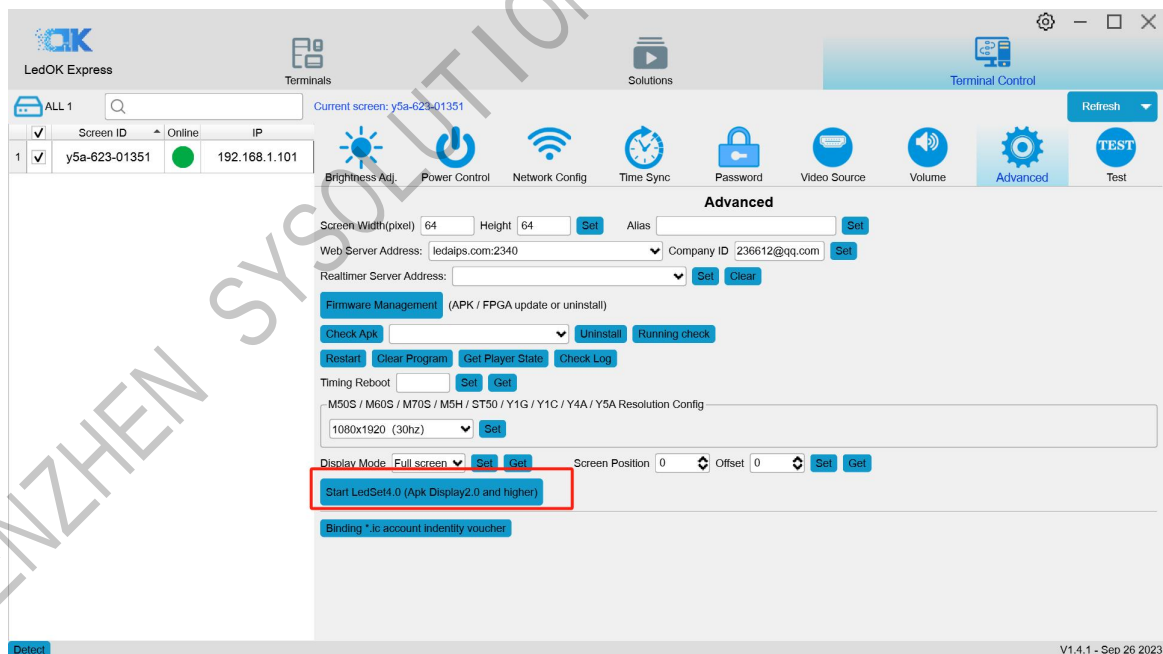


Figure 3-9

Step 3: Enter the LedSet4.0 sending card interface to confirm the communication with the sending card and receiving card, as shown in Figure 3-9.

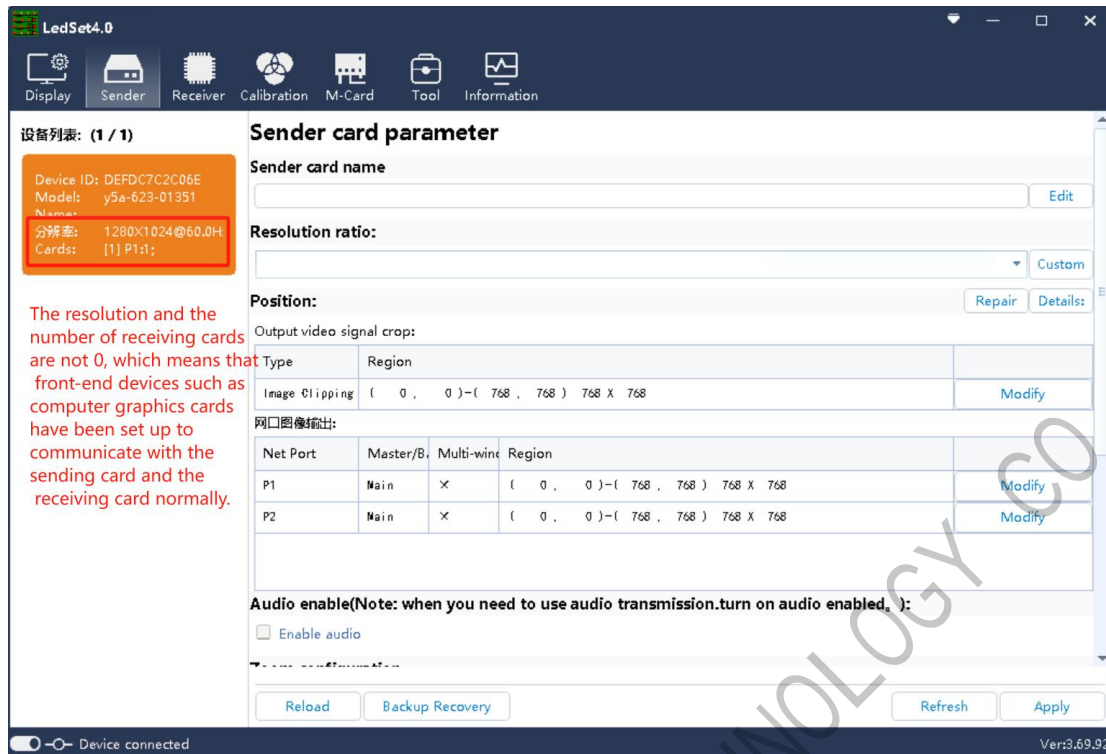


Figure 3-10 Communication status of software and sending card

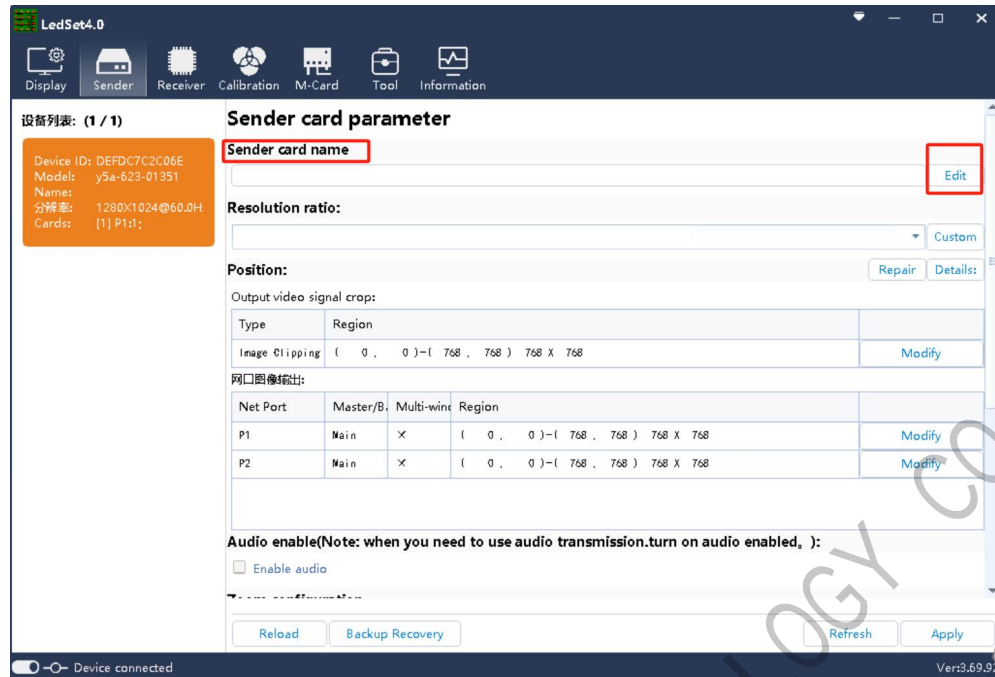
Note: Verify whether the display card is set through LedSet4.0 debugging software, as shown in Figure 3-8.

Chapter IV Display Configuration

4.1 Sender Settings

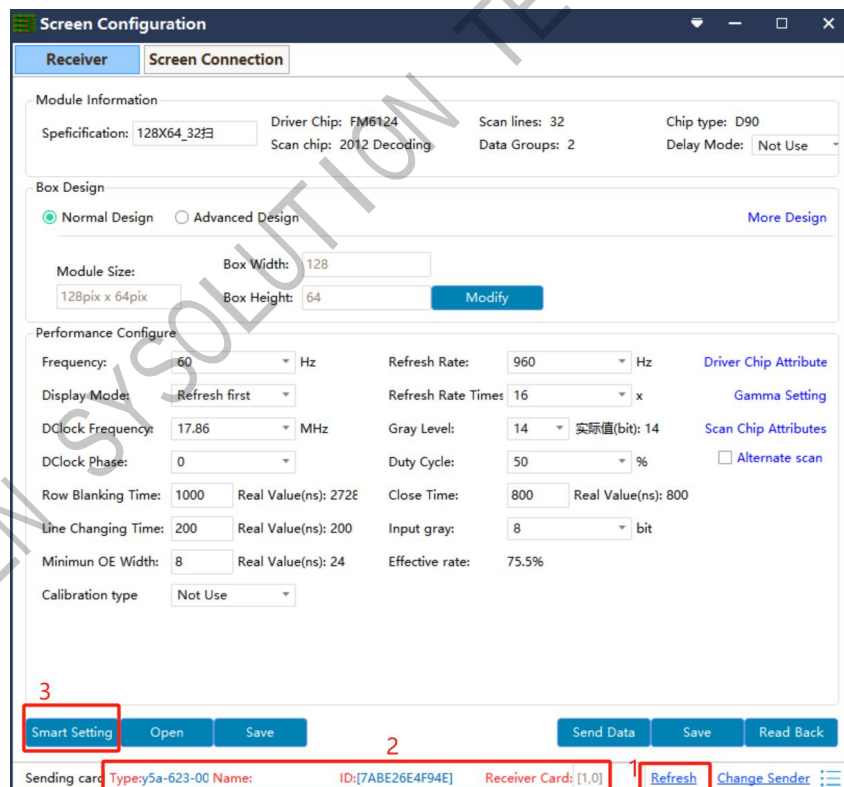
Click the 'Sender' button to enter the sender setting:

Modify the name of the sender. You can click the 'Edit' button to modify the name of the sender. The name of the sender is convenient for debugging multiple senders to quickly specify the sender to send data and improve debugging efficiency.---If you have just one card, then jump this.



4.2 Normal Screen Configuration

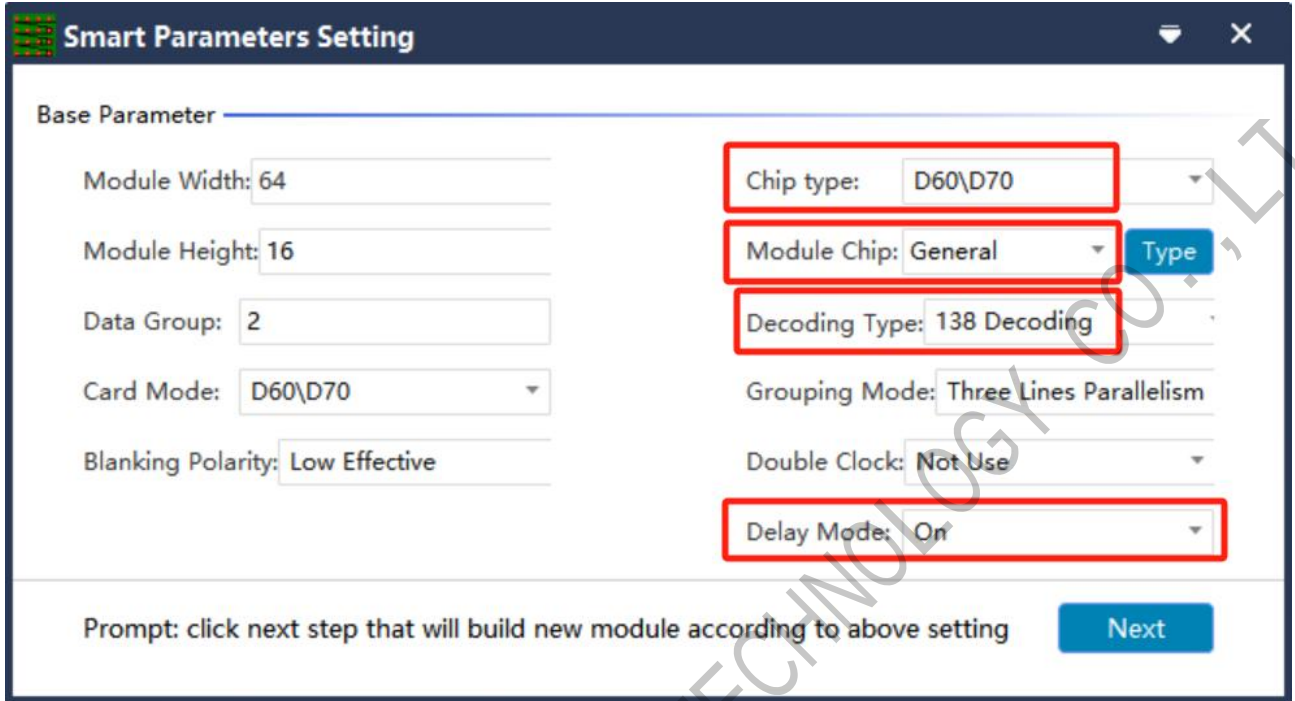
4.2.1 Smart Setting



Operating steps:

(1) Click on the main menu of the software 'Normal' icon, enter the receiver card configuration. click "Refresh" button and will see the cards information and receiving card

number, then click on the 'Smart setting' button, according to the current LED module actual situation enter the corresponding parameters. As shown in Figure 4-2-1-1.



The image shows a 'Smart Parameters Setting' dialog box with the following fields and values:

- Base Parameter** (Section Header)
- Module Width: 64
- Module Height: 16
- Data Group: 2
- Card Mode: D60\D70
- Blanking Polarity: Low Effective
- Chip type: D60\D70
- Module Chip: General
- Decoding Type: 138 Decoding
- Grouping Mode: Three Lines Parallelism
- Double Clock: Not Use
- Delay Mode: On

At the bottom, there is a prompt: 'click next step that will build new module according to above setting' and a 'Next' button.

Figure 4-2-1-1 Normal-parameter configuration

- ✓ **Module Width / Height:** Enter the actual pixel width / height of the current module.
- ✓ **Module data group:** View the module data input port interface definition, according to the module's actual number of data lines and grouping method calculation. Generally three lines in parallel, so a RGB for a group of data, such as: the module has two groups of RGB, then the module's data group is 2.
- ✓ **Card Model:** The type of receiver card currently used for debugging, you can directly view the logo on the receiver card.
- ✓ **Blanking Polarity:** Switching state 'low effective' or 'high effective', usually default.
- ✓ **Chip Type:** Select D60/D70 for debugging according to the type of receiver card currently in use.

- ✓ **Driver Chip:** Select the type of driver chip used in the current module, such as: General chip, MBI5153, ICN2053, etc. **Normally for low refresh rate led module, choose General.**
- ✓ **Decoding mode:** optional '**138 decoding**', '5958 decoding', 'high direct output' and so on.
- ✓ **Grouping mode:** View the current module data input port interface definition, such as R\G\B (red, green and blue) three color signal data, (and the module to control the red, green and blue LED driver chip is connected separately, red, green and blue chips are not connected in series), then the data type select '**three lines parallelism**'; if the module only one color signal data or only one R data (except monochrome screen, and control the red, green and blue LED chips are connected in series), then select 'RGB serial '.
- ✓ **Double Clock:** D, E, F signals can be selected as the second clock when debugging the dual clock module, which is not used by default for debugging the normal module. **Keep default.**
- ✓ **Delay Mode:** **keep it on when use D60/D70**

(4) Click 'Next' to enter the Scan Lines window. Number of rows between two bright lines plus 1 row. Select the scanning lines according to the actual display of the current module, if the led module 32scan, then choose 32; if it is 8scan module, then choose 8. as shown in Figure 4-2-1-2 and Figure 4-2-1-3.

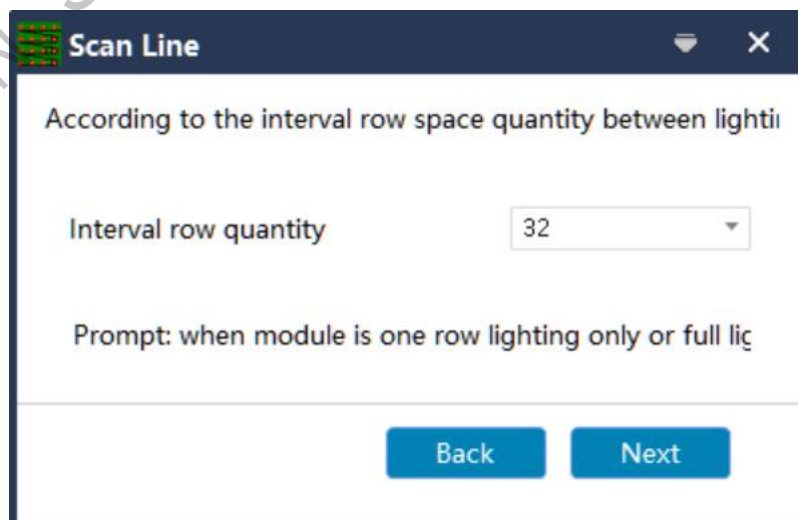


Figure 4-2-1-2

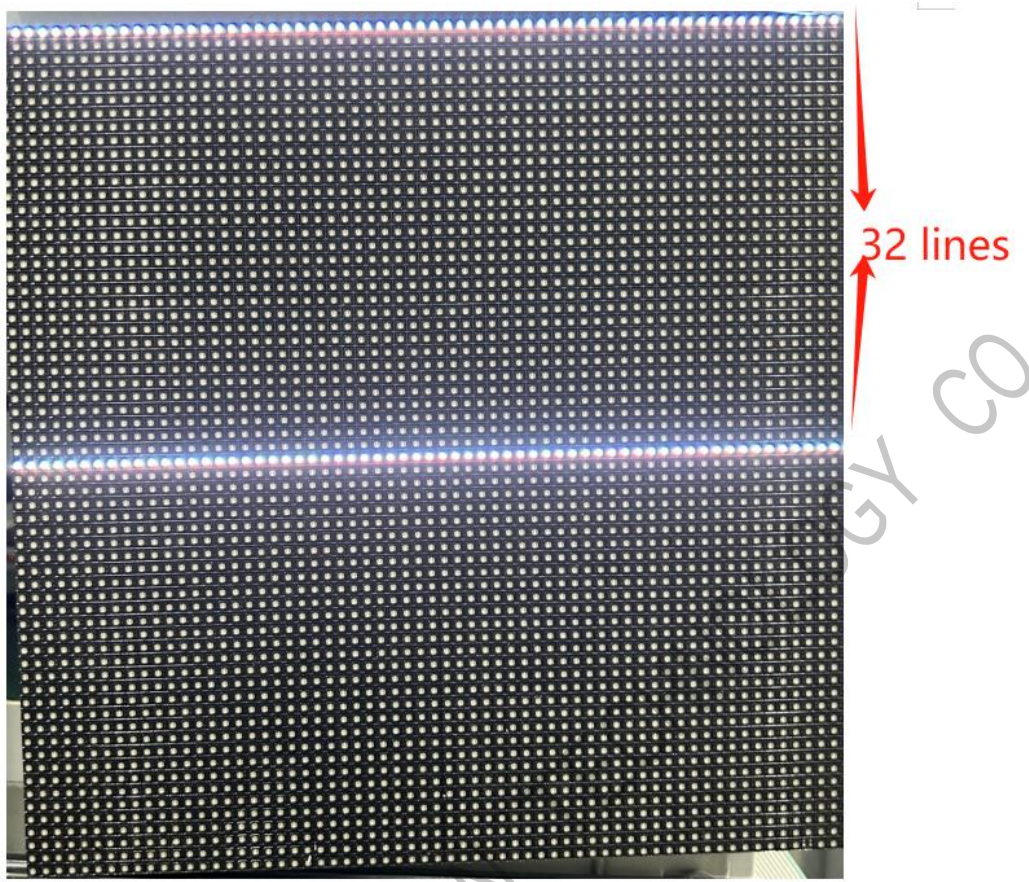
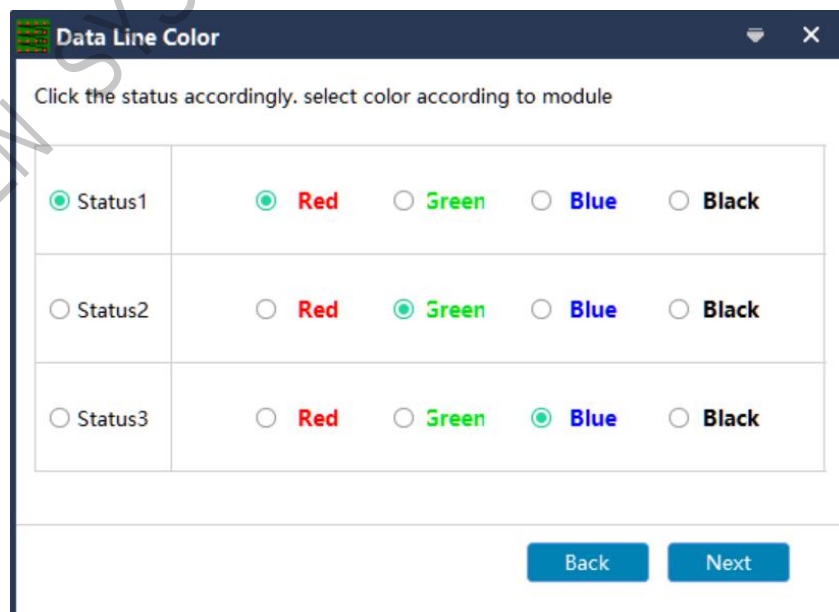


Figure 4-2-1-3

(5) Click 'Next' . Select the corresponding display color according to the status mode, as shown in Figure 4-2-4.



Data Line Color				
Click the status accordingly. select color according to module				
☒ Status1	☒ Red	☐ Green	☐ Blue	☐ Black
☐ Status2	☐ Red	☒ Green	☐ Blue	☐ Black
☐ Status3	☐ Red	☐ Green	☒ Blue	☐ Black
Back Next				

Figure 4-2-1-4 Normal screen configuration-data line color selection

(6) Click 'Next' to enter the smart setting window. According to the actual display of the current module corresponds to the point (if the module does not have pixel point blinking, please connect the LED module to the first data interface of the receiver card or change the data cable to all interfaces, or try to insert the virtual point to try).

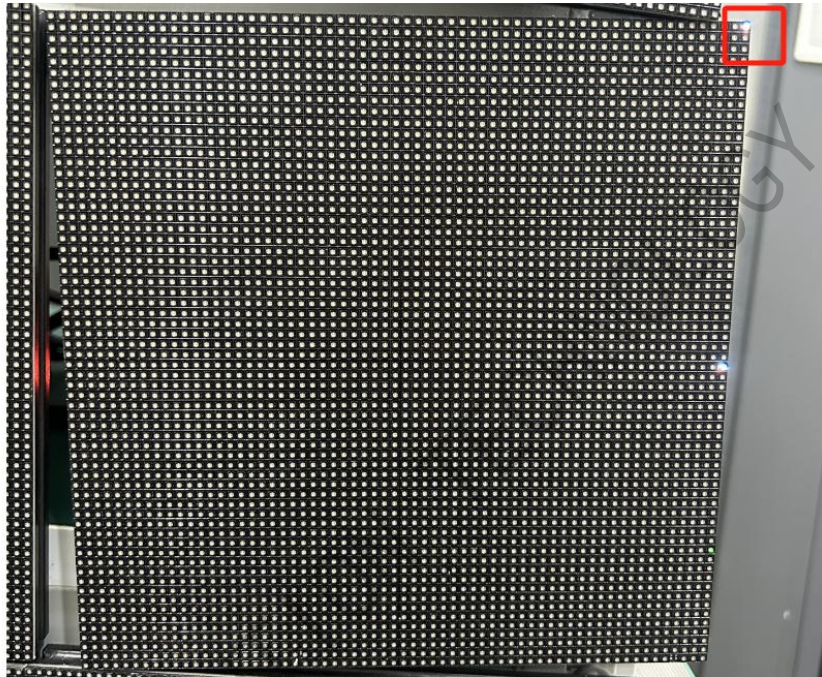


Figure 4-2-1-5

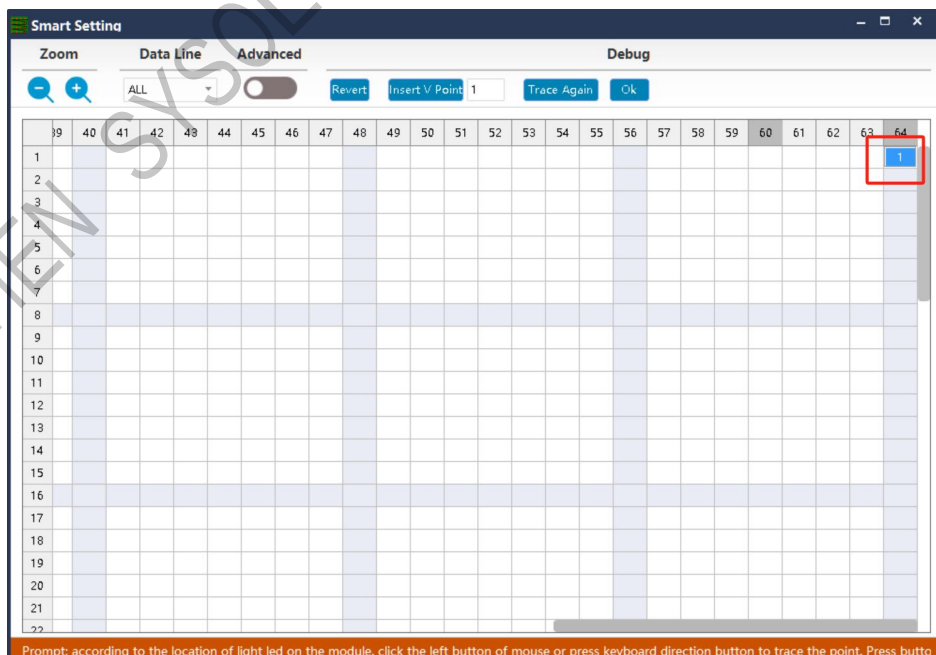


Figure 4-2-1-6

(7) Smart settings will be prompted after the completion of the window, and then click the 'trace complete' button, and then send the data to the screen, as shown in Figure 4-2-1-6.

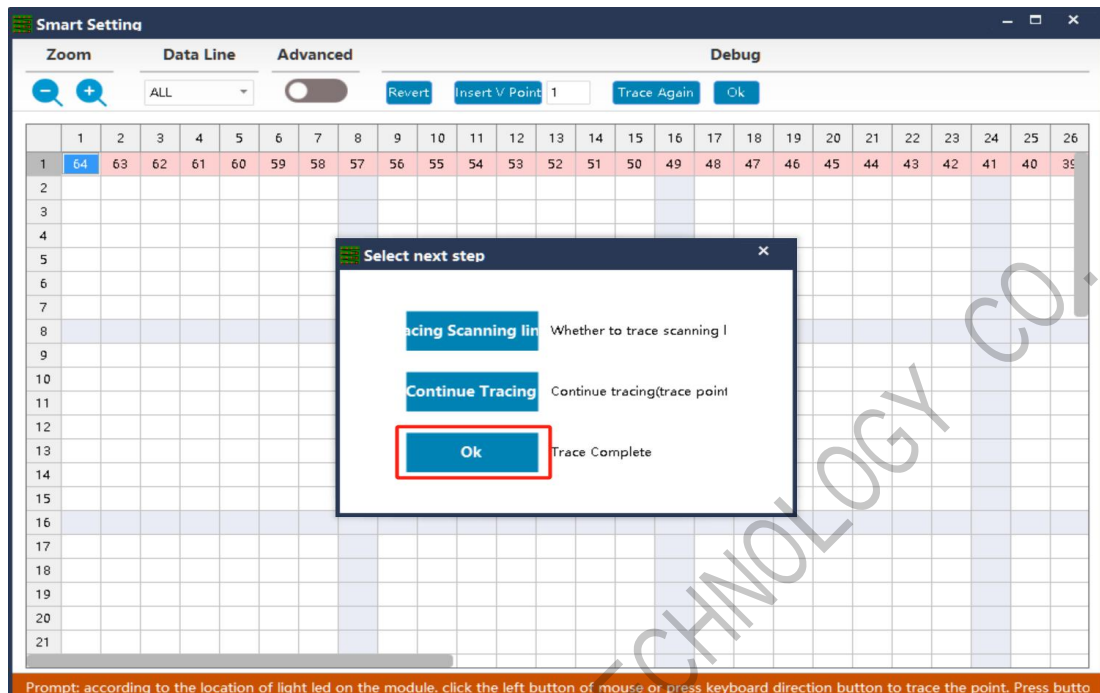
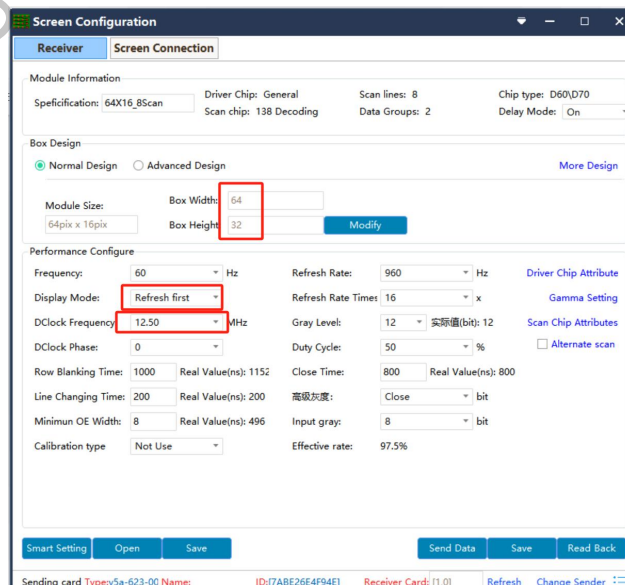
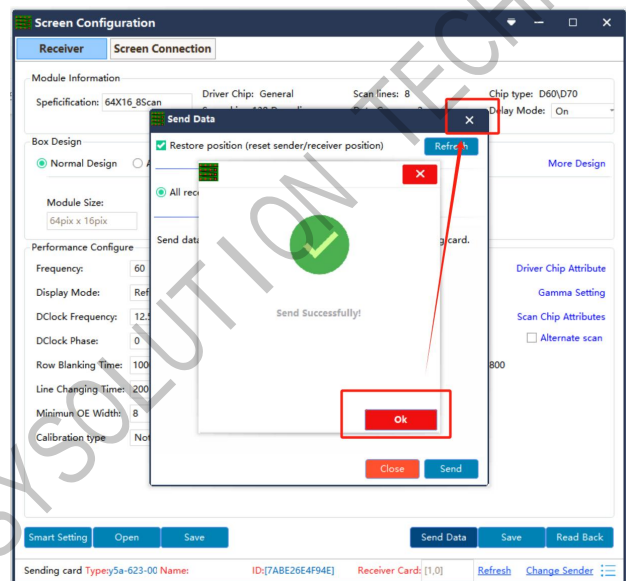
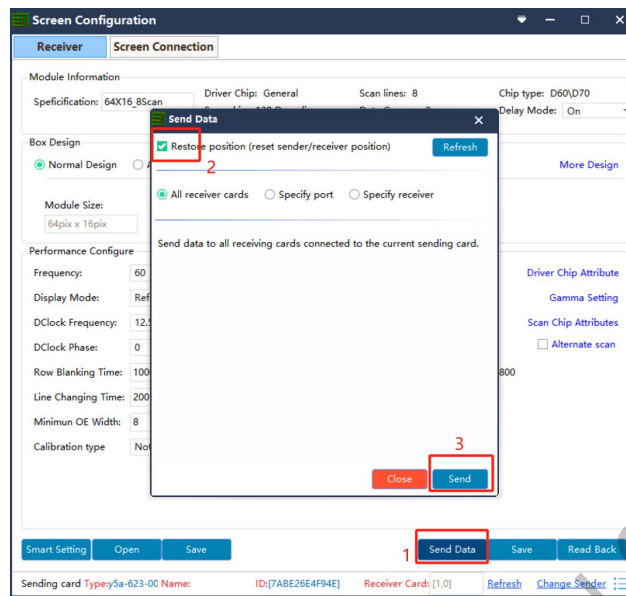


Figure 4-2-1-7

4.2.2 Receiver Configuration

Jump back to Receiver settings and then change the box design first, choose Refresh rate first and other parameters keep default, then click the Send button in the bottom, and then click Save button to solidify the parameters ,as shown in Figure 4-2-2-1:





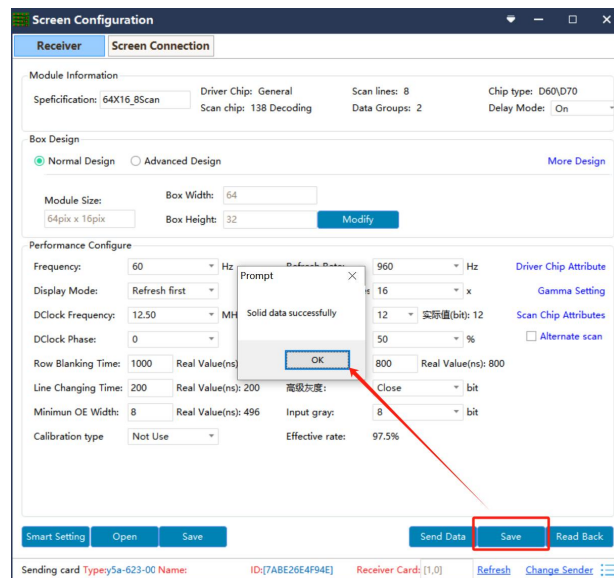


Figure 4-2-2-1

More Explanation for each functions:

(1) 'Normal Design' in the box design, and set the width and height of the box according to the actual load of the receiving card, as shown in Figure 4-2-2-2.

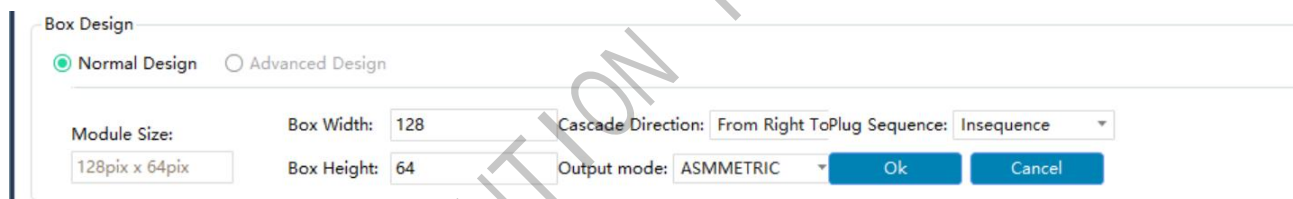


Figure 4-2-2-2 Normal design of the box

Output mode: there are two open to four open output mode, according to the actual needs, give full play to the performance of the receiver card, so that the display on a higher refresh rate, the following module cascade direction from right to left as an example.

Normal Output: 1 to 24 groups of data are highly loaded from top to bottom.

Two open output: Receiver card (1-12) groups of data with the left half of the light board, (12-24) groups of data with the right half of the light board, loaded with the same width\height.

Triple Output: 1-8, 9-16, 17-24 Each 8 groups of data are horizontally divided into three parts with the same width\height.

Quad outputs: 1-6, 7-12, 13-18, 18-24 Each of the four data sets is horizontally divided into four sections carrying the same width/height.

(2) Complex box construction. Select 'Advanced Design' in the box design center column where you can carry out the construction of complex box, as shown in Figure

4-2-2-3,---Normally no need to set this without technical support.

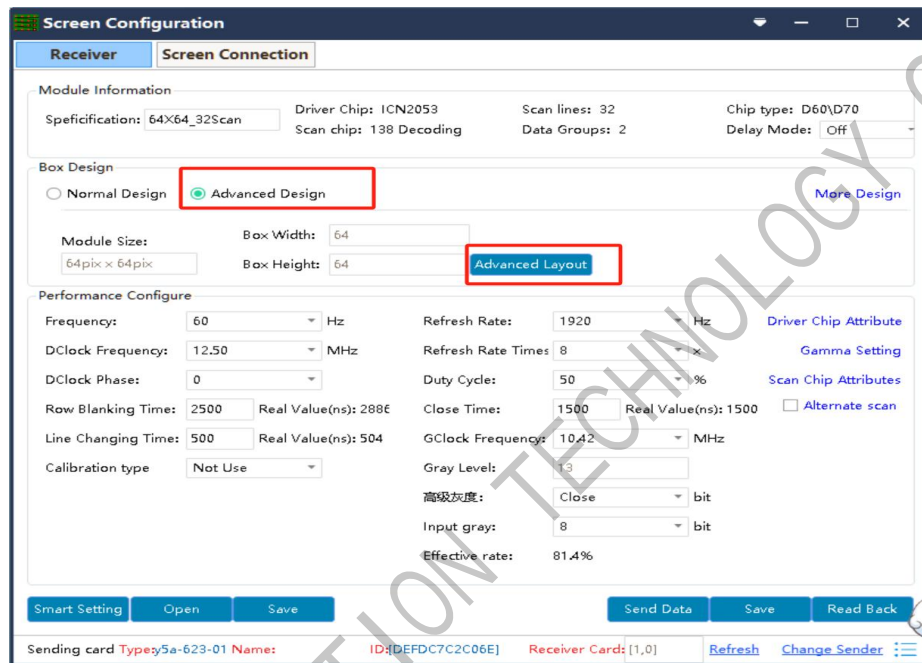
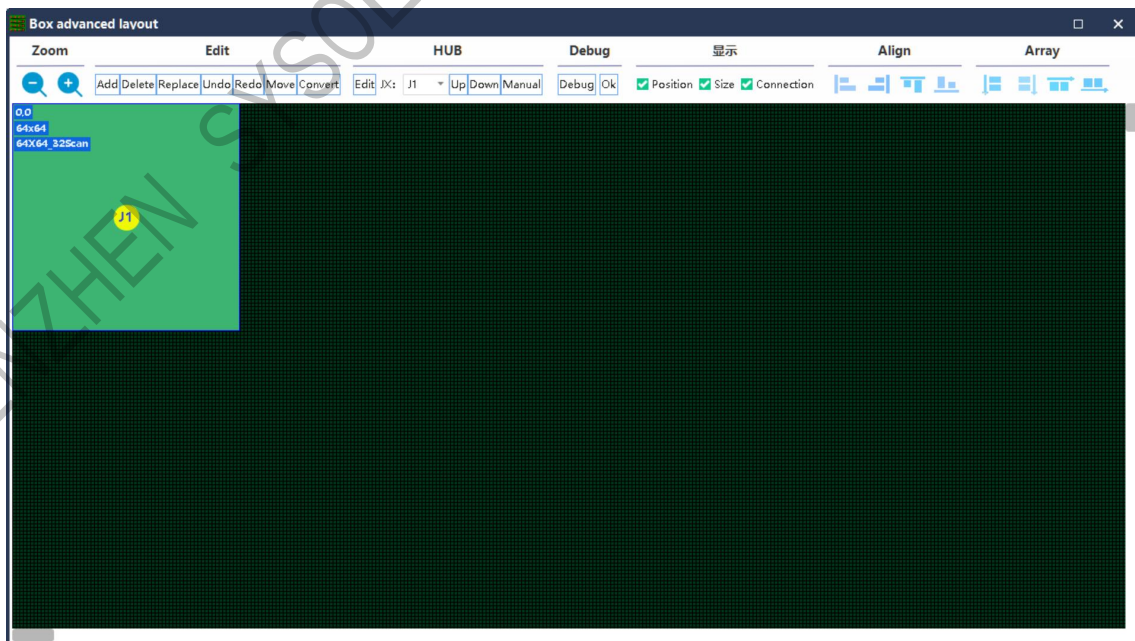


Figure 4-2-2-3



HUB port exchange: Select the corresponding module and change it directly to the actual HUB port under HUB column, or move the module for exchange;

Data line exchange: Click the 'Edit' button under the HUB column to enter the data address editing interface, as shown in Figure 4-2-2-4. In this interface, check the data line output test, find the HUB port corresponding to the module in the 'Jx' column in the HUB entry, and change the data line address in the 'Exchange Address' column in the HUB entry until the color displayed on the box is the same as the color displayed in the 'Exchange Address' column in the HUB entry. Until the color displayed on the box is the same as the color in the 'Address' column of the peer in the HUB entry, and the corresponding module layout (module construction) position on the HUB port, it means that the change is correct, similarly, all the HUB address lines are all well defined, uncheck the 'Data Line Test', and finally click the 'Done' button. Finally, click 'Finish' button to exit the data line exchange editing interface.

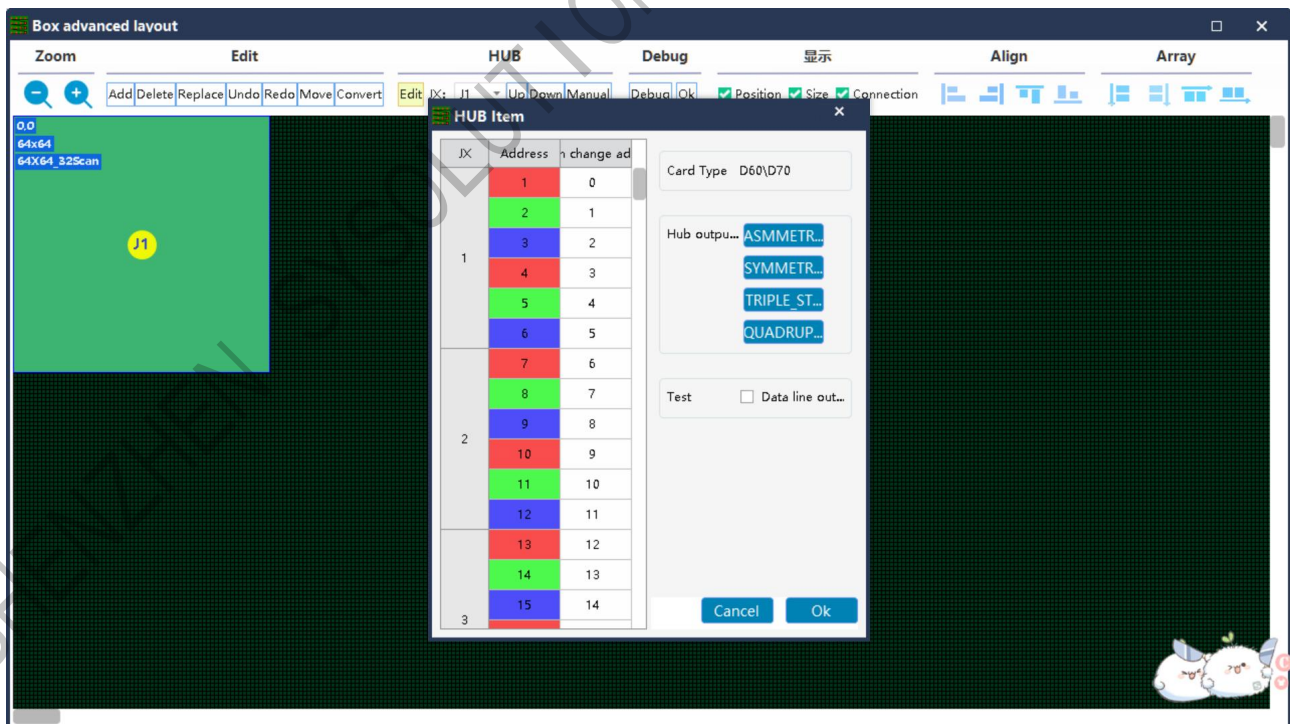
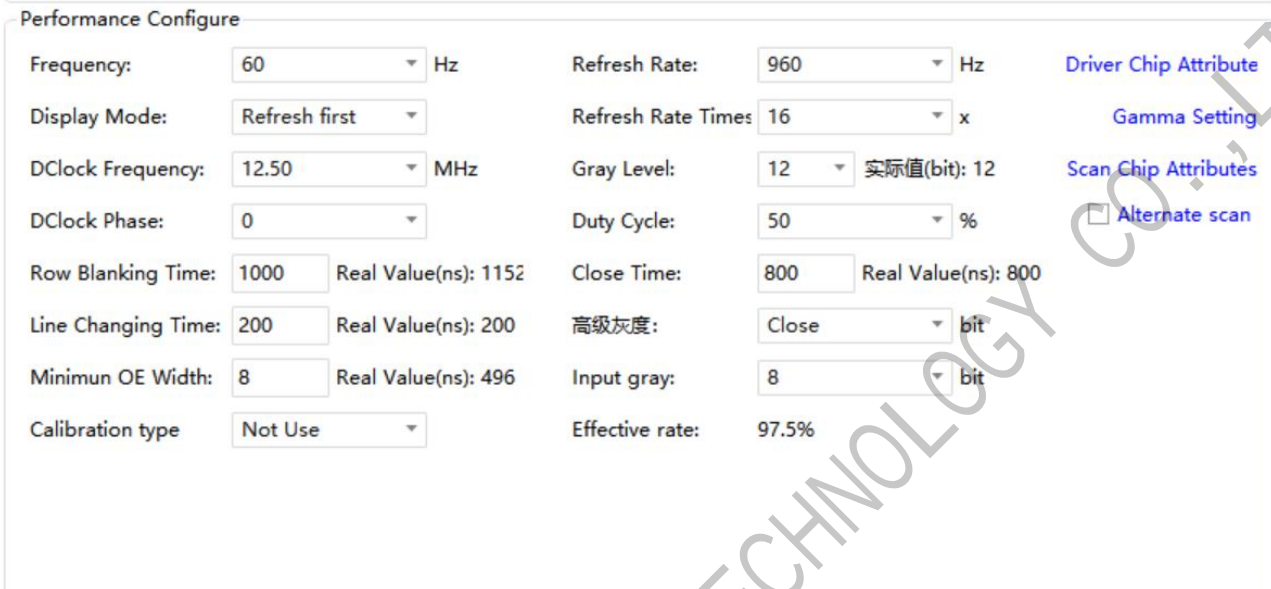


Figure 4-2-2-4 HUB editing

(3) After configuring the receive card bandwidth/height, the system will automatically calculate the performance configuration, or you can manually change the parameters if you are not satisfied with the display, as shown in Figure 4-2-2-5.



The 'Performance Configure' window displays the following settings:

Parameter	Value	Unit/Label
Frequency	60	Hz
Display Mode	Refresh first	
DClock Frequency	12.50	MHz
DClock Phase	0	
Row Blanking Time	1000	Real Value(ns): 1152
Line Changing Time	200	Real Value(ns): 200
Minimum OE Width	8	Real Value(ns): 496
Calibration type	Not Use	
Refresh Rate	960	Hz
Refresh Rate Times	16	x
Gray Level	12	实际值(bit): 12
Duty Cycle	50	%
Close Time	800	Real Value(ns): 800
高级灰度	Close	bit
Input gray	8	bit
Effective rate	97.5%	

Additional links on the right: [Driver Chip Attribute](#), [Gamma Setting](#), [Scan Chip Attributes](#), ☐ [Alternate scan](#)

Figure 4-2-2-5 Performance parameter configuration

Refresh Rate: An important indicator of the display effect of the display. Increasing the refresh frequency can improve the water ripples that appear when using a camera to capture the screen.

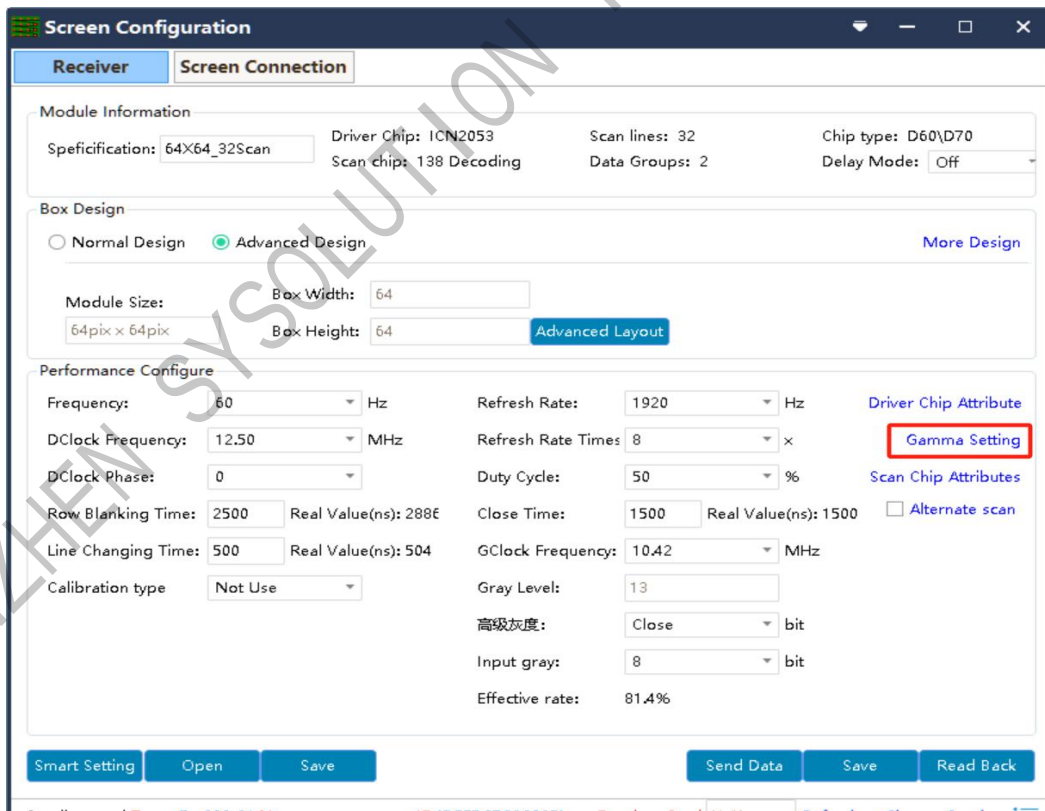
Data Clock Frequency: related to the LED module circuit design and the driver chip used. If you use high brush IC with reasonable design, the higher clock the module can achieve, the higher gray level and refresh frequency it can support under the same bandwidth area.

Data Clock Phase: set the clock timing starting point. If the screen has flash point, splash screen and other abnormal phenomena can adjust this item. Generally 12.5~17.86.

Duty Cycle: the duty cycle of the clock phase, change this data, you can make the scanning clock phase can be on a higher clock, generally set to 50%.

Line change time/position/switching position: sweep a line and then sweep the next line of data switching time and position, mainly to adjust the scanning screen afterglow, if the afterglow is serious, you can increase the value of this line change time, generally take the default value.

Gamma Configuration: Gamma represents the metric parameter of the original signal, it refers to the distortion of the output image of the monitor to the input signal, and the Gamma value refers to the specific value of this distortion. Adjust the desired Gamma on the Gamma setting column, the default value is 2.8, you can also use the customized Gamma value for editing or load the external Gamma table, as shown in Figure 4-2-2-6. Click the Send button after debugging to save the adjustment effect to the receiver card.---For most of led module no need to set this.



The screenshot shows the 'Screen Configuration' window with two tabs: 'Receiver' and 'Screen Connection'. The 'Receiver' tab is active, displaying the following sections:

- Module Information:**
 - Specification: 64X64_32Scan
 - Driver Chip: ICN2053
 - Scan lines: 32
 - Chip type: D60\D70
 - Scan chips: 138 Decoding
 - Data Groups: 2
 - Delay Mode: Off
- Box Design:**
 - Normal Design (unselected)
 - Advanced Design (selected)
 - More Design (link)
 - Module Size: 64pix x 64pix
 - Box Width: 64
 - Box Height: 64
 - Advanced Layout (button)
- Performance Configure:**
 - Frequency: 60 Hz
 - DClock Frequency: 12.50 MHz
 - DClock Phase: 0
 - Row Blanking Time: 2500 Real Value(ns): 2886
 - Line Changing Time: 500 Real Value(ns): 504
 - Calibration type: Not Use
 - Refresh Rate: 1920 Hz
 - Refresh Rate Times: 8 x
 - Duty Cycle: 50 %
 - Close Time: 1500 Real Value(ns): 1500
 - GClock Frequency: 10.42 MHz
 - Gray Level: 13
 - 高级灰度: Close bit
 - Input gray: 8 bit
 - Effective rate: 81.4%
 - Driver Chip Attribute (link)
 - Gamma Setting (highlighted in red)
 - Scan Chip Attributes (link)
 - Alternate scan (checkbox)

At the bottom, there are buttons for 'Smart Setting', 'Open', 'Save', 'Send Data', 'Save', and 'Read Back'.

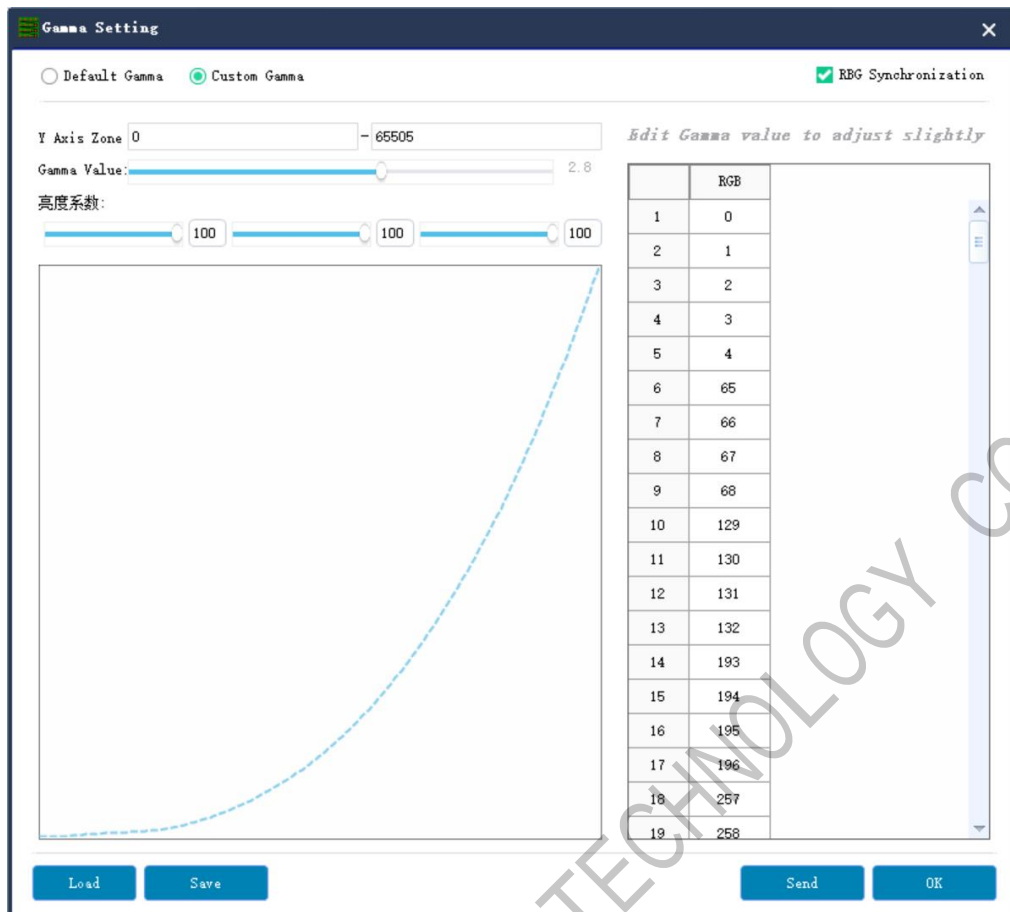
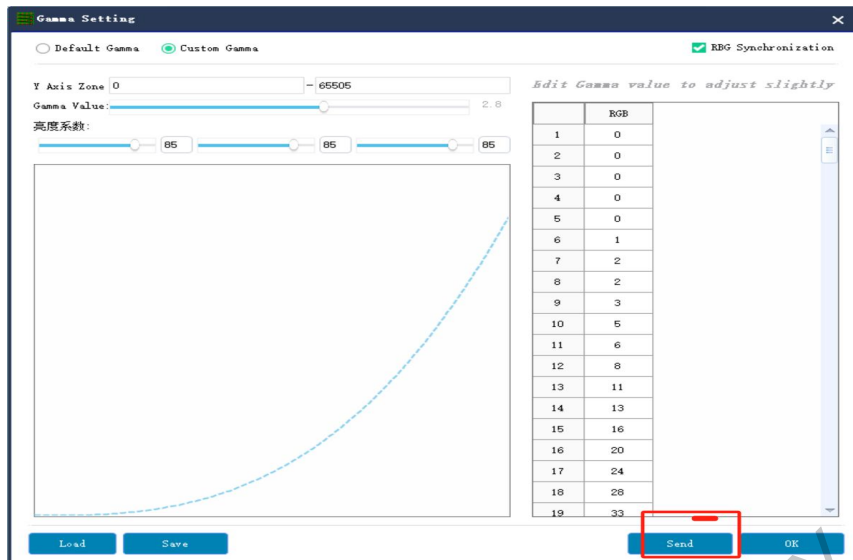


Figure 4-2-2-6

(4) Click the Send button to send the receive card programme to the receive card. When sending data, you can specify the network port or the specified card to send, or you can reset the receiver card position. Observe whether the box is displayed normally. Click the solid button when you are satisfied to solid the data to the receiver card to prevent data loss after the receiver card is powered off and restarted. Finally click the Save button to save the box configuration file to your computer.

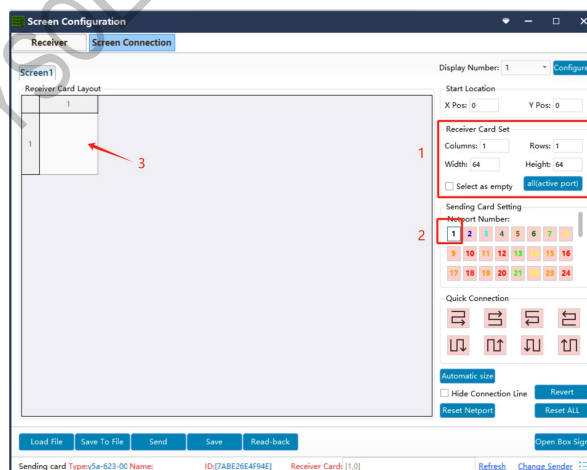


4.2.3 Screen Connection

(1) After configuring the parameters of the receiver card, click the 'Screen connection' to enter the screen connection interface, please set how many receiver card numbers in the column and in row, then set the width and height pixels for each receiving card, then click in the empty box ;

after set success, click Send button and as the main sender.

then click Save to solidify the settings, as shown in Figure 4-2-3-1.



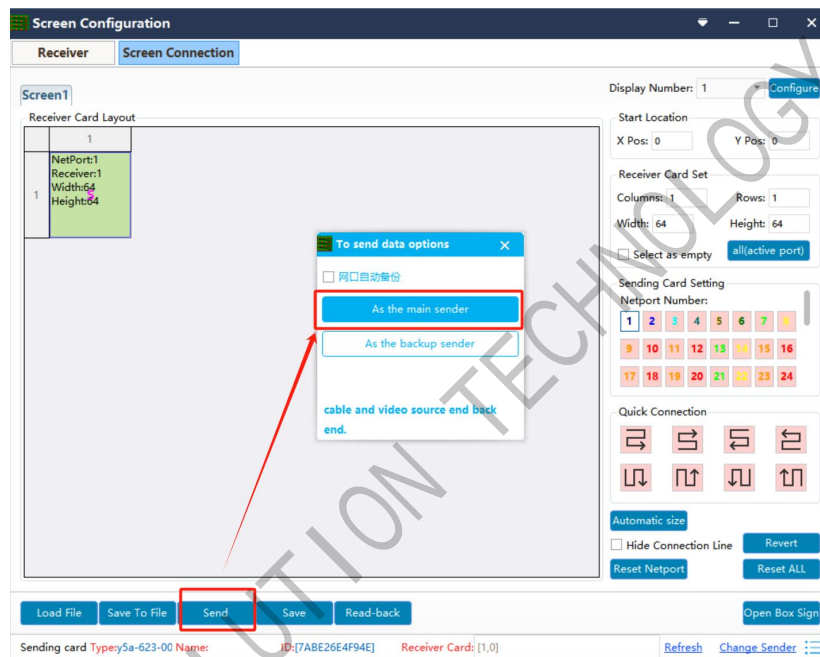
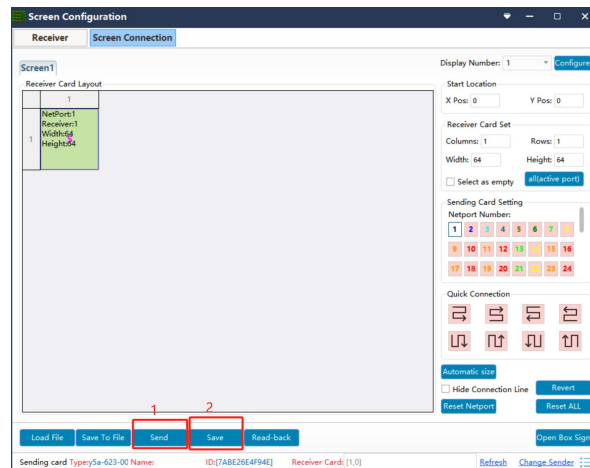
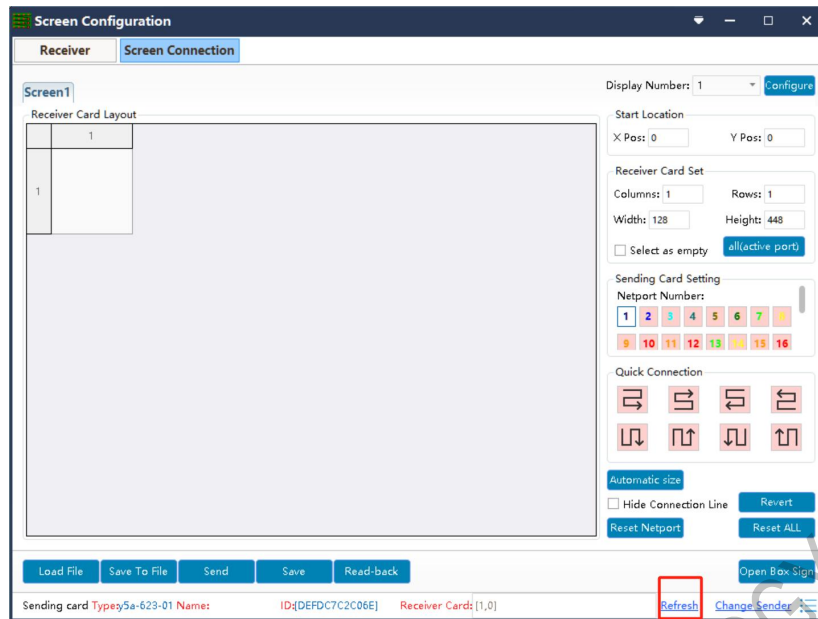


Figure 4-2-3-1 screen connection setting

More explanations for each functions:

When doing screen connection, first click the Refresh button to refresh all the receiver cards carried by the sender, and check whether the number of chips (usually the number of receiver cards) is the same as the number of connected ones. If it is not consistent, please check whether the hardware connection is normal or not, when connecting more than one Sender card, please switch the Sender card and find the corresponding Sender card for debugging.



- ✓ **Load from File:** Loads a saved display configuration file on the control computer.
- ✓ **Save to File:** Saves the display configuration information to the computer as a (. *dcc) format file to the computer.
- ✓ **Send:** sends the screen configuration information to the sending and receiving cards. After sending is completed, confirm saving to the device to solidify the screen configuration information to the receiver card and sender card without losing it in power failure.
- ✓ **Read Back:** after clicking, it will read the display connection saved in the sending card, which is convenient to send the continuous screen quickly.
- ✓ **Open Box Sign:** you can view the box sign, which is convenient for connecting screens.
- ✓ **Current Sending Card Information:** type, name, ID is to distinguish the sending card, 'name' can be edited in the sending card interface.
- ✓ **Number of Receiver Cards:** the number of receiver cards connected to the sender card, the two values represent the receiver cards carried by the two ports of the sender card respectively.

For example, **Receiver Card:** [1,0] : it means the sender card carries 1 receiver card in 1 port and 0 receiver card in 2 ports.

- ✓ **Change Sender Card:** When multiple sender cards are accessed at the same time, you can click the Change sender button to switching sender, as shown in Figure 4-2-3-2.

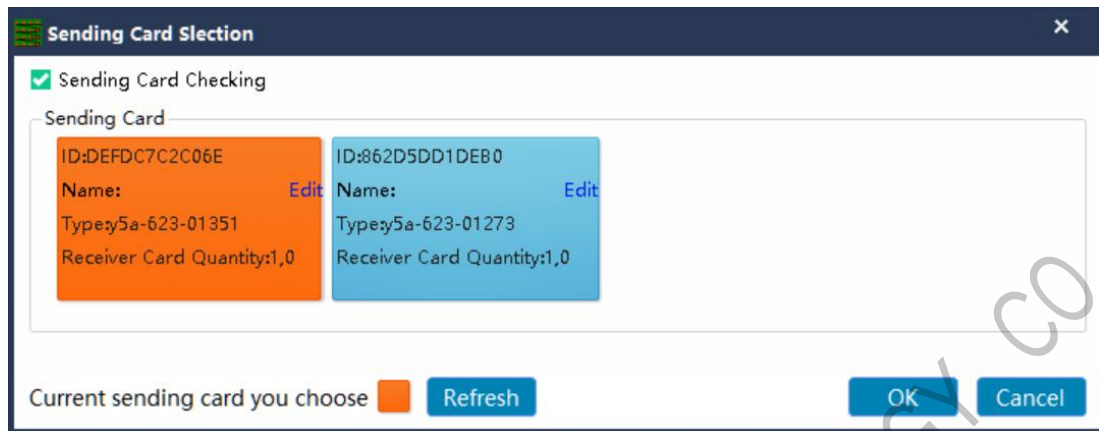


Figure 4-2-3-2 Change sender

Click the Refresh button to refresh the receiver card carried by the sender card, tick sending card checking, the area of the receiver card carried by the selected sender card (the box which has been configured with the data) will be blinking, so it is easy to quickly find the sender card corresponding to the area, after confirming the area, the name of the sender card can also be edited, and it can be directly edited by clicking the Edit button.

(2) In the display connection interface, according to the actual situation of the big screen, set the cascade mode of the receiver card, width and height (each receiver card carries a different width and height), as shown in Figure 4-2-3-3.

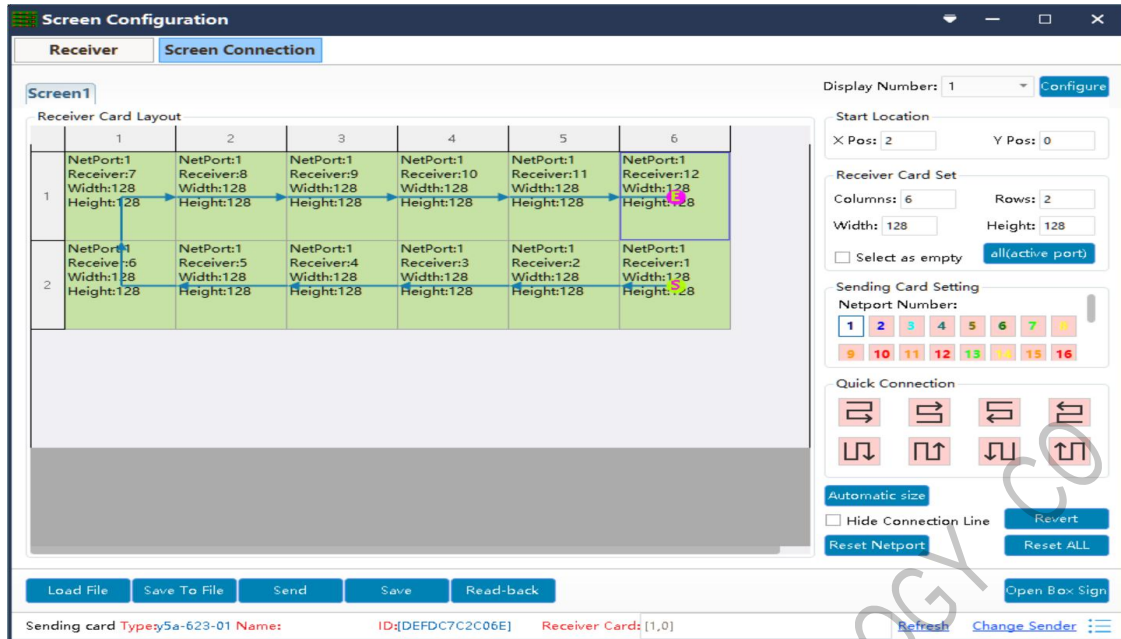


Figure 4-2-3-3

Display Number : According to the actual situation, select the number of displays from 1 to 20, and click 'Configure' to complete the setting. If the display connection page has been configured, you can modify it according to the actual situation or click the button to reset it.

Start Position: The intercept position of the LED display to the input signal source. The default state is (0,0), that is, the LED display shows that the display starts from the (0,0) point of the video source.

Receiver Card Set: According to the actual number of cards used in the display, set the number of columns, rows, and the width of each receiving card in the Receiving Card Setting column on this interface.

Select as Empty: When the box position needs to be left empty, tick 'Select as empty', and then select the box that needs to be left empty, and then click to uncheck the box again to complete the Select as empty operation.

Sending Card Setting: Select the network interface access port of the sending card.

Quick Connection: When the whole screen is loaded with only one network cable and the network cable of the receiving card is regular cascade, you can use Quick Connect.

Hide Connection Line: When the Hide Connection Line is ticked, the display connection knowledge will be hidden.

Revert: Undo the last step of the operation.

Reset Net-port: Reset all the settings related to the current port.

Reset All: Reset all settings related to all network ports.

4.3 Professional Screen Configuration(No need to setup without technical support)

Professional Configuration is specifically for the development of shaped display a display connection adjustment tool. Using it can quickly and intuitively complete any box configuration (box shape) composed of any cascade of receiver card network cable and the connection of the display.

Step 1:

Box file loading. Load all box configuration files required for the large screen (file format: .box-conf)

(1) Click the 'Professional' button, enter the Professional debugging interface window, in the window menu bar, click the '+' button, pop-up 'file loading guidance interface' In this interface, select the display configuration file loading method, as shown in Figure 4-3-1.

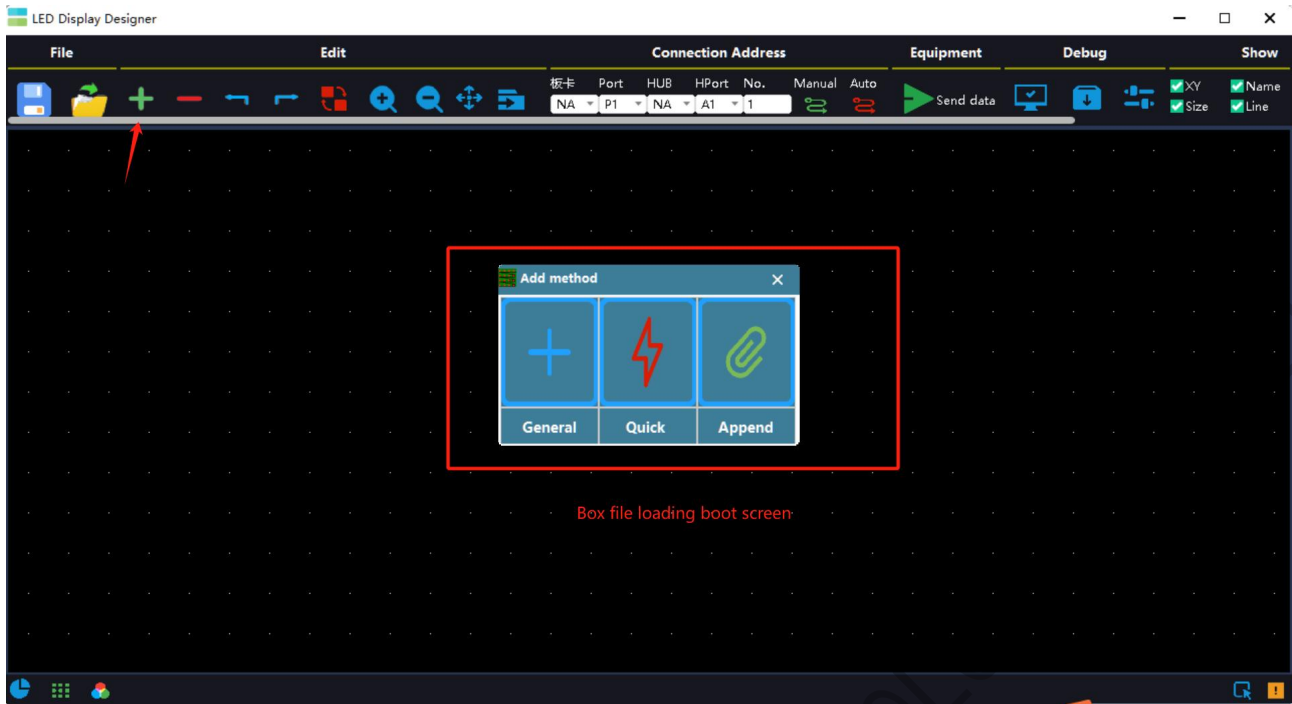


Figure 4-3-1 Display file loading method

(2) Add box file. When the display to be debugged consists of multiple types (box size, chip type, module design, etc.) of boxes, click to select the first ① loading method to enter the add box interface, click Browse on this interface to load the box configuration file, as shown in Figure 4-3-2.

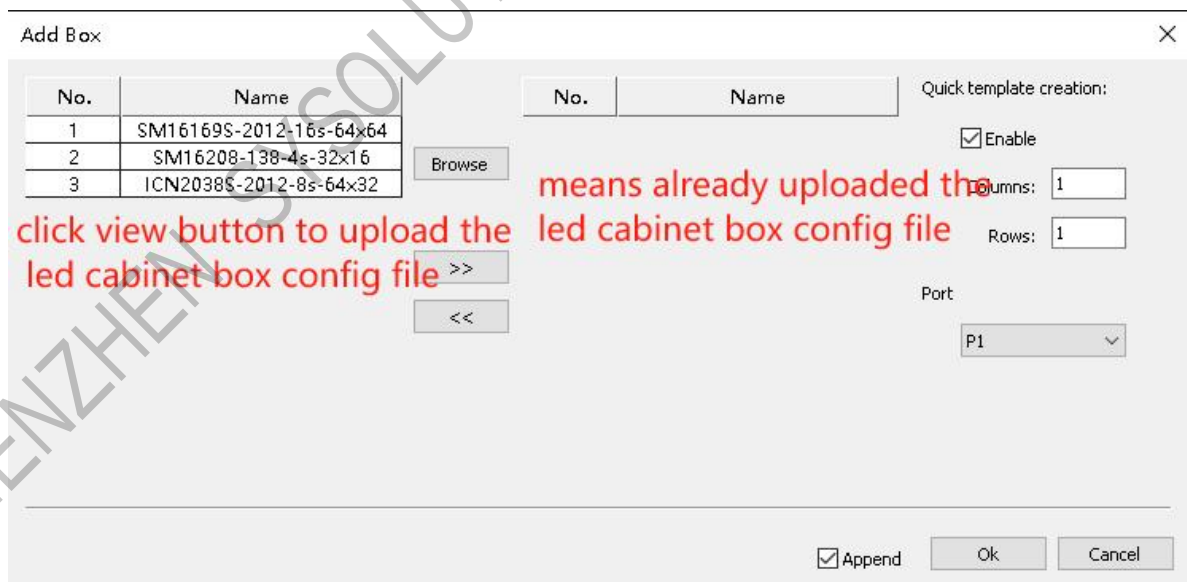
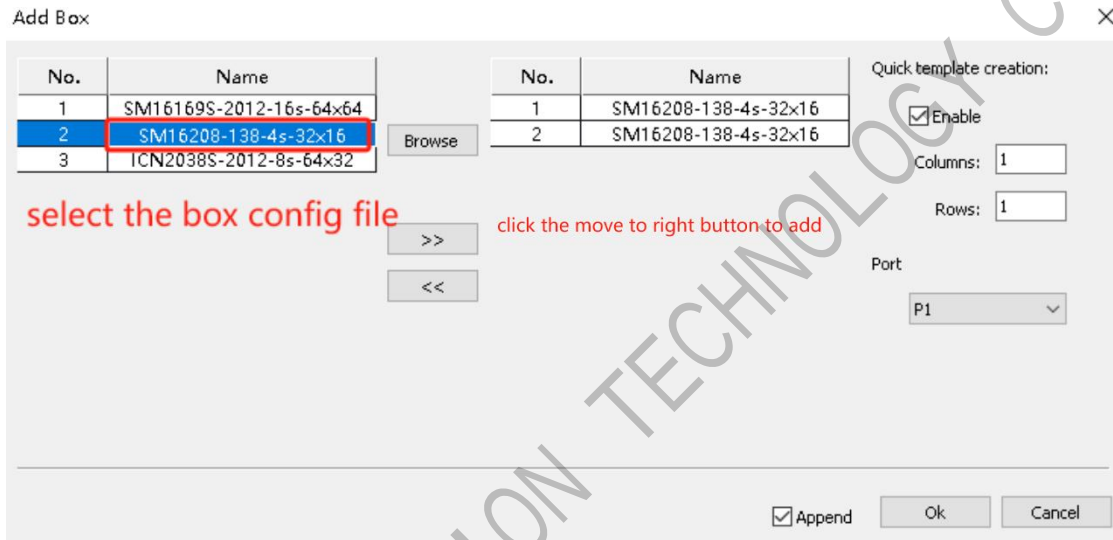


Figure 4-3-2 Load box configuration

After the box loading is completed, select the box configuration, click the left shift button for quick creation of templates, and enter the horizontal and vertical quantities in the quick template column for the array addition of large screen modules. In the Specify Target Mesh Port column, you can classify the mesh port of the module added this time, and select the mesh port according to the actual situation. Click the Confirm button to complete the addition of the box configuration, as shown in Figure 4-3-3.



Add Box

No.	Name
1	SM16169S-2012-16s-64x64
2	SM16208-138-4s-32x16
3	ICN2038S-2012-8s-64x32

Browse

select the box config file

>> click the move to right button to add

<<

No.	Name
1	SM16208-138-4s-32x16
2	SM16208-138-4s-32x16

Quick template creation:

☒ Enable

Columns: 1

Rows: 1

Port: P1

☒ Append Ok Cancel

Figure 4-3-3 Quick template templates

When there is only one box configuration for the display to be debugged, click to select the ② loading method to enter the interface of Quick Add Box, click Browse on this interface to load the box configuration file, and enter the horizontal and vertical quantities in the box layout column to add the array of large-screen modules. In the target port column, you can classify the port of the added module and select the port according to the actual situation. Click the Confirm button to complete the addition of the box configuration, as shown in Figure 4-3-4.

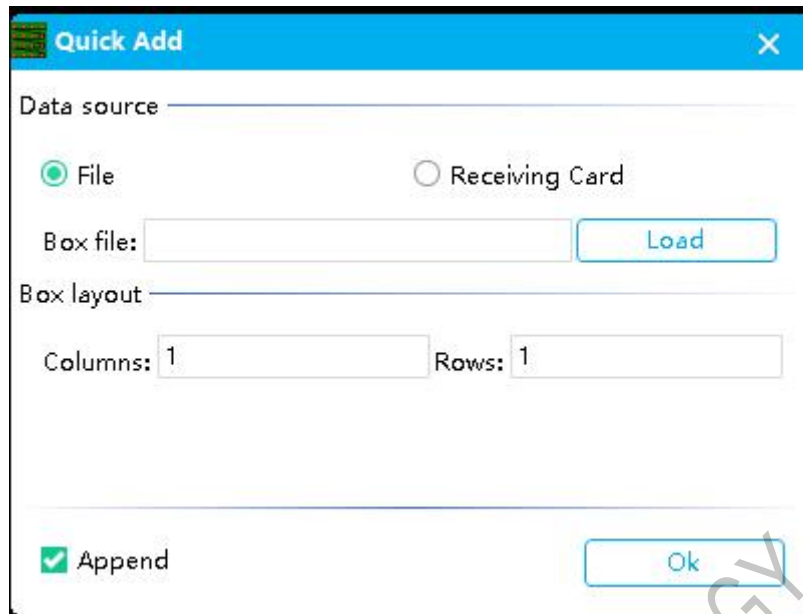


Figure 4-3-4 Rapid addition of the box configuration

When this display connection needs to be fused with another display connection, you need to click to select the ③ loading method, you can directly add the display connection file.

Step 2:

Display box layout construction. Move the corresponding box position according to the actual layout of the display box, as shown in Figure 4-3-5.



Figure 4-3-5 Box layout of the display screen

Step 3:

Set the sender card network port bandwidth and receiver card network cable connection order.

(1) Set the receiver card carried by the network port of the sender card: Select the receiver card connected under each network port of the sender card respectively, and set the network port of the sender card to which the receiver card belongs, as shown in Figure 4-3-6.



Figure 4-3-6 Setting Up the Receiver Card for Sending Card Network Port Banding

(2) Set the order of receiving card cable connection: Click the 'Manual' button, the default starting serial number value is 1, you can set the starting serial number value under the 'Serial Number' column, as shown in Figure 4-3-7.



Figure 4-3-7 Set the connection sequence of receiving card

(3) According to the display of the actual receiver card network cable connection order in order to select the box. At this time, the serial number of the box will be cumulative, when the selection error, you can click the right mouse button back to the correct value to continue to select, until the network port carries the receiver card setup is complete. Then press the keyboard 'Esc' key to exit the network port serial number setting, the same way to set up all the network port receiver card serial number, as shown in Figure 4-3-8.



Figure 4-3-8 The serial number setting of the network port receiving card

(1) Automatic setting. Click the 'Auto' button to enter the interface of network cable automatic connection. When the box arrangement is more regular (rectangular arrangement), you can choose the automatic connection setting, as shown in Figure 4-3-9.

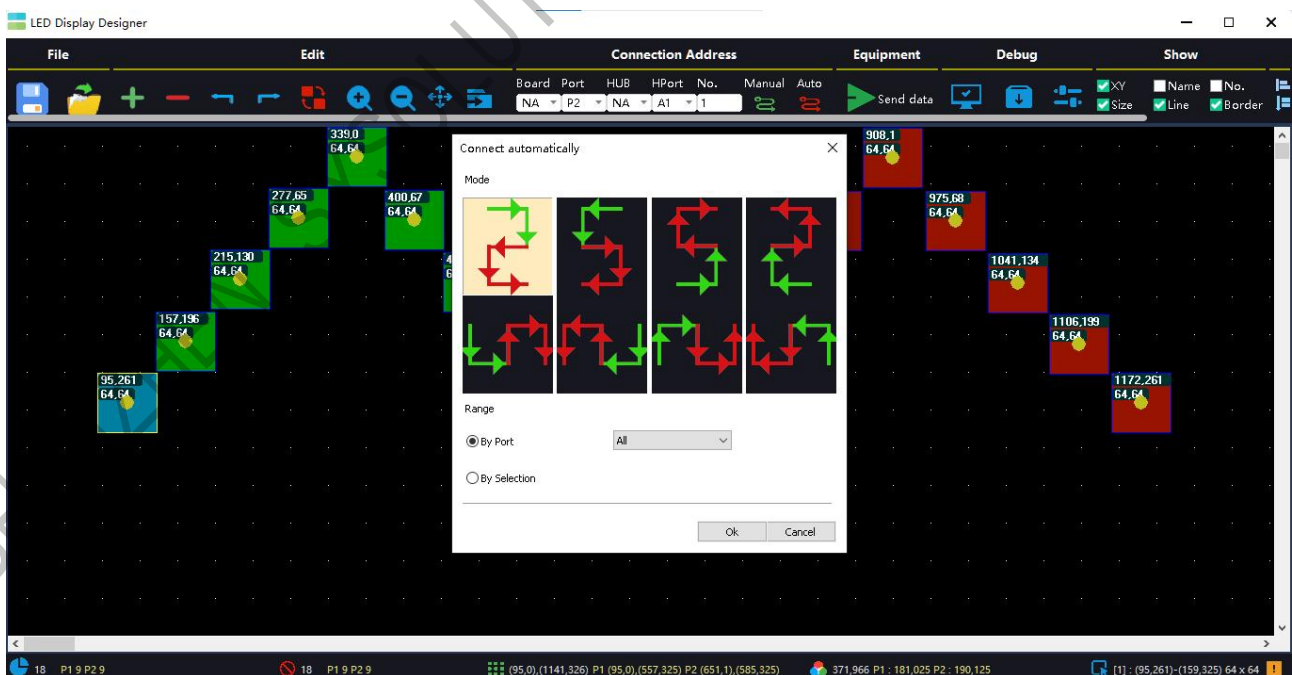


Figure 4-3-9 Automatic connection setting of network cable

(4) Send, solid data: After completing the display connection, click the 'Send' button to enter the data sending window, the default selection of the receiver card configuration data, location and sending card configuration data, and then click the 'Send' button, display system Click 'Send' button to send the configuration file of the display system, after observing that the display shows normal, click 'solidify' button to solidify the display configuration file to the receiver card and the sender card. You can also send the selected area individually, or send a single box file in a group, as shown in Figure 4-3-10.

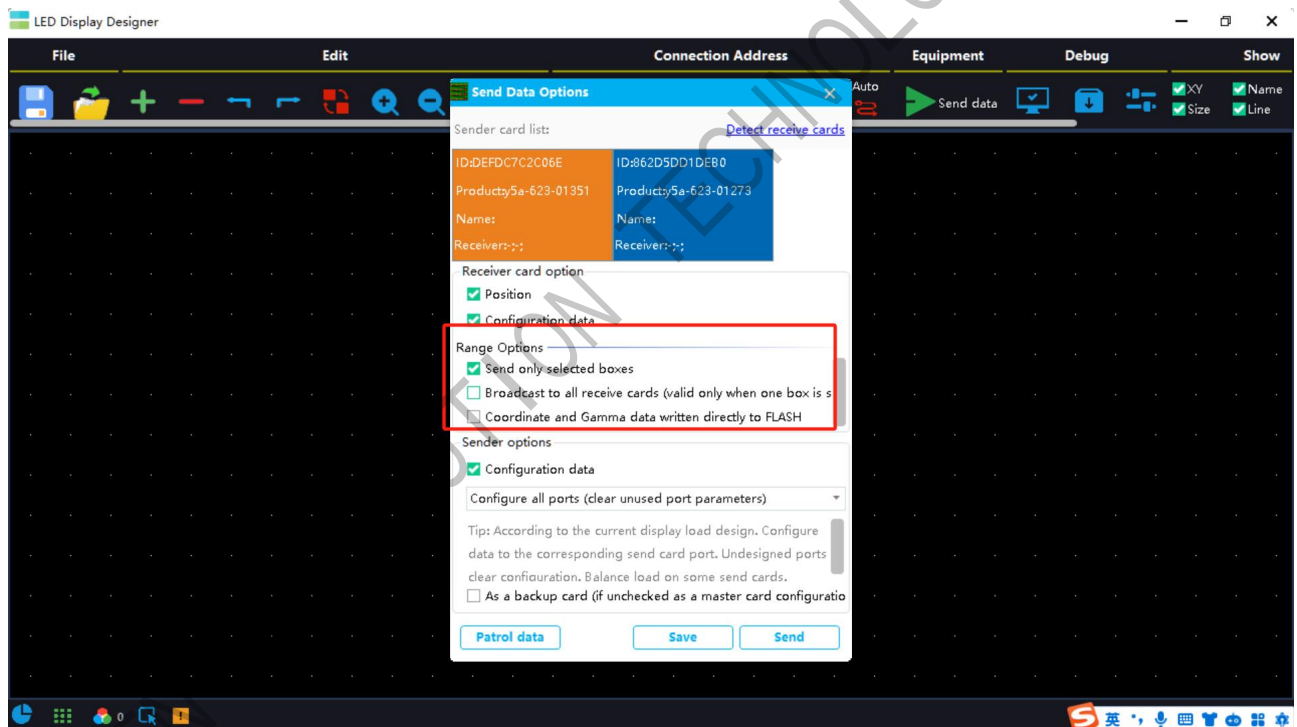


Figure 4-3-10

Configuration: Display configuration. Select the sending card can open the digital mark, red, green, blue, white, horizontal line, vertical line,

left diagonal, right diagonal, power-up time, grey scale and other debugging tools (FPGA receiver card only supports digital markers), as shown in Figure 4-3-11.

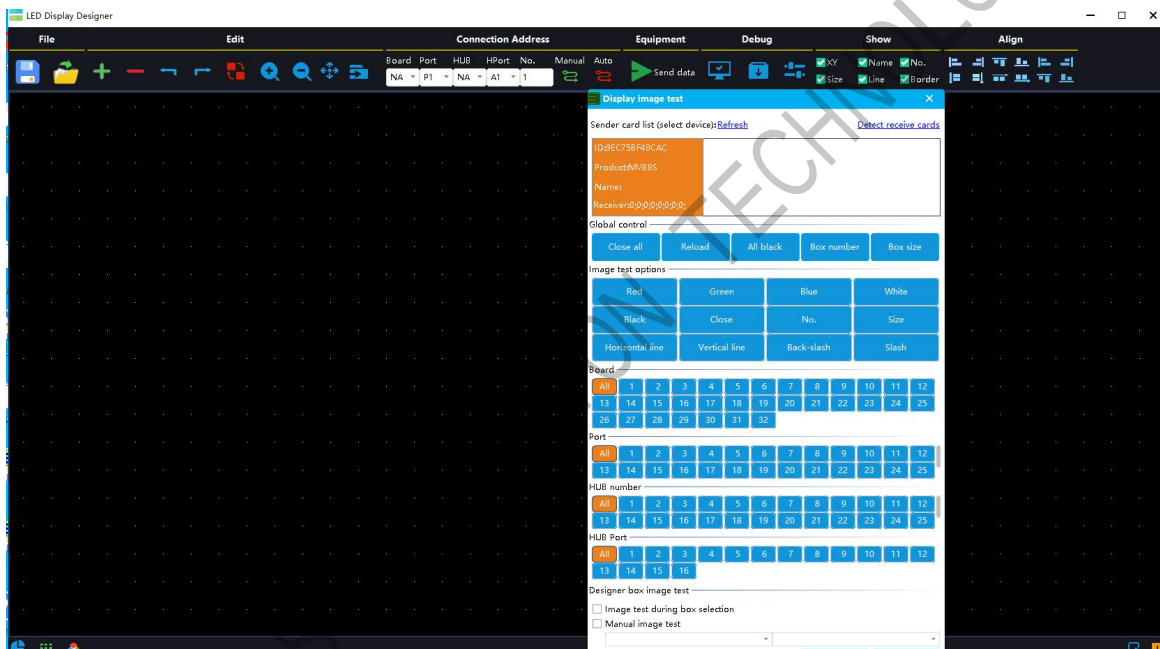
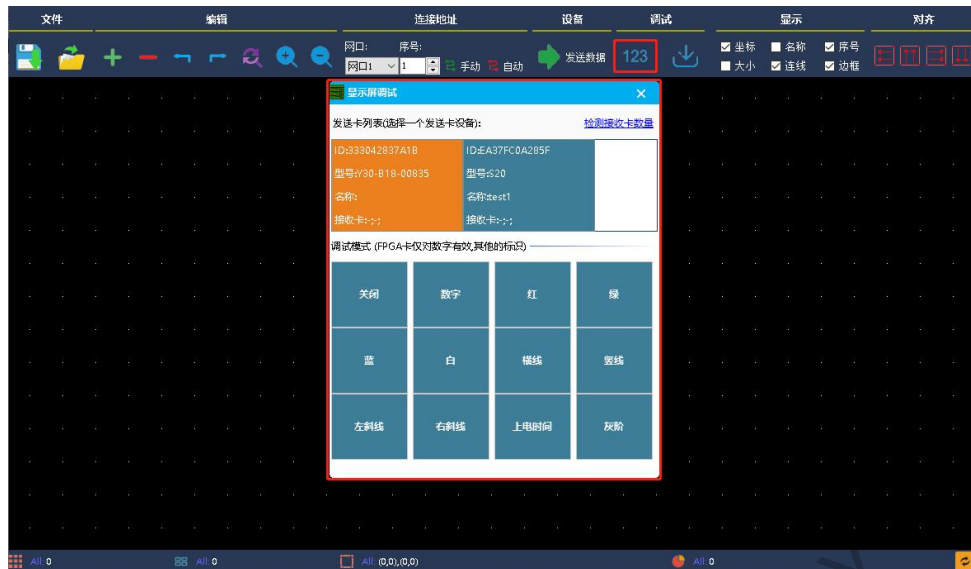


Figure 4-3-11

Read back data. Select the sending card, read back all the parameters and connection position saved by the receiving card, and the big screen can be connected normally after the sending is completed. As shown in Figure 4-3-12.

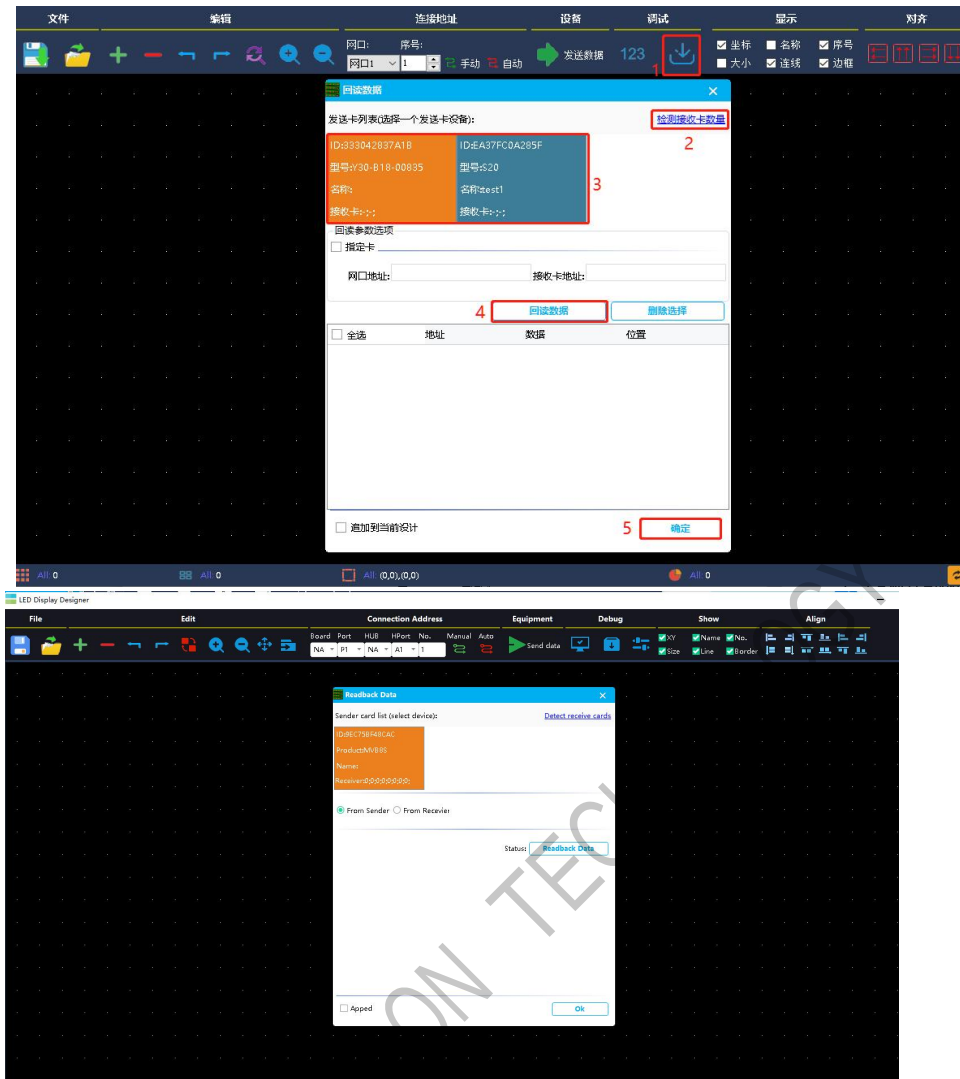
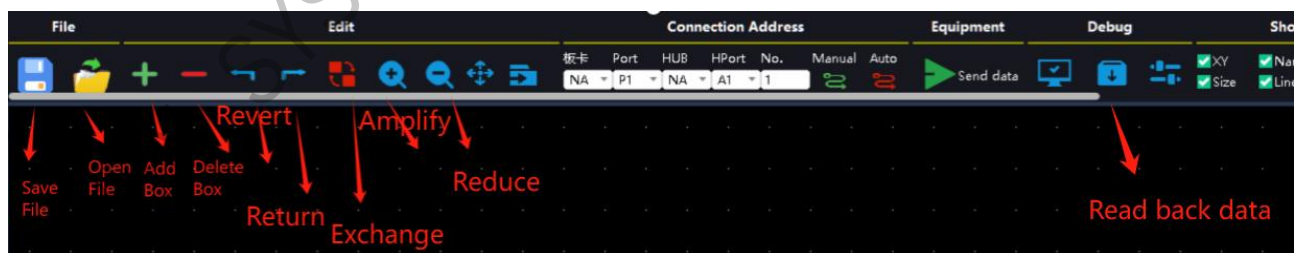


Figure 4-3-12 Read back data

Note: Professional Screen Configuration Toolbar Description



4.4 Brightness Control

Click the 'Receiver' option in the main interface to enter the brightness adjustment interface, as shown in Figure 4-4-1.

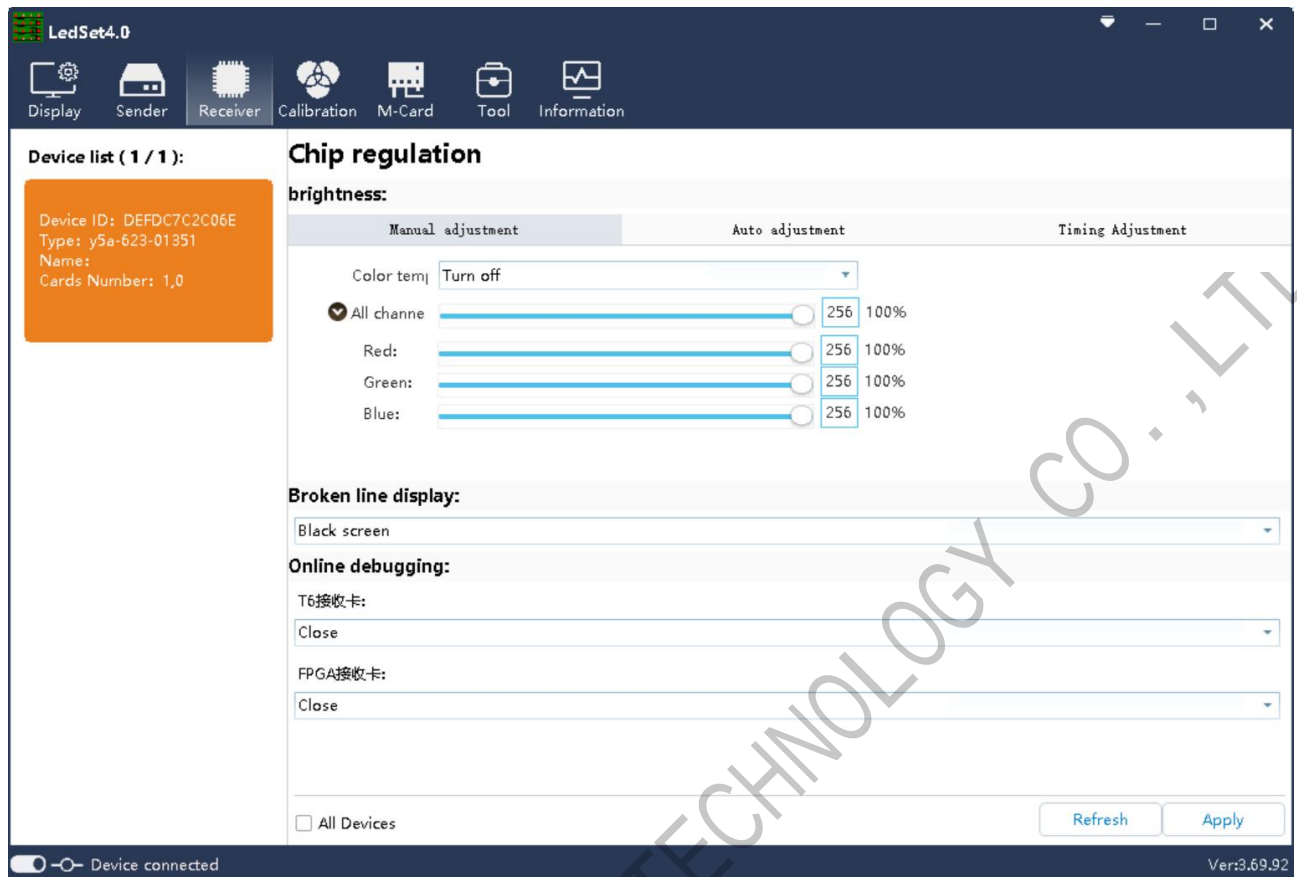


Figure 4-4-1

Brightness Adjustment: Manually adjust the required brightness on the brightness setting column, click the solid button after debugging to save the adjustment effect to the receiver card.

Chapter V Hardware Information

Click the 'Information' button in the main interface of the software to enter the hardware monitoring interface, as shown in Figure 6. In the device list on the left side of the window, you can click to switch to select the sender card, and on the right side of the window, it shows the firmware version of the receiver card that the current sender card is connected to, as well as the error packets (BER of the network cable). When the communication of the network cable is bad, the corresponding receiver card will have error packets (the first bit value is greater than 4 and will continue to get bigger), you can check the communication of

the first receiver card with error packets on the same network port and the signal output of its previous receiver card.

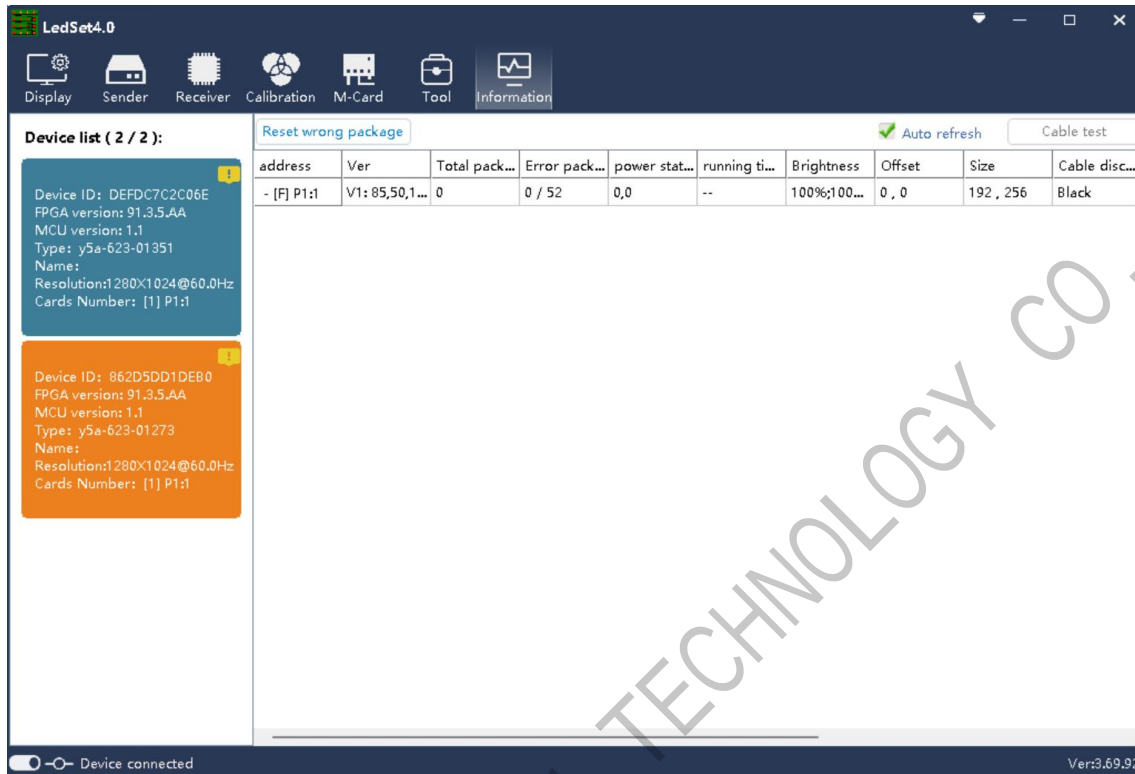


Figure 6 Information

Chapter VI FAQ Troubleshooting

Frequently Issued Solutions to Control Software Problems

Q1: After installing the ledok software, it won't work?

Right-click on the ledok shortcut---'Properties'---'Compatibility'---'Check the box 'Run this programme in compatibility mode! Check the box 'Run this programme in compatibility mode' - 'OK'. Run the ledok software again to open it.

Q2: LedSet 4.0 can't detect the sender card?

Turn off antivirus software and turn off windows firewall.

Using another computer

Q3: Can't detect the number of receiver cards on LedSet 4.0 software?

(1) Make sure the indicator light of the receiver card is normal (red light is always on, green light is blinking), if the red light is not on, please check the power supply of the receiver card; if the green light is not on, please check the communication between the receiver card and the Sender card, i.e. the network cable.

(2) In the LedSet4.0 software, click 'Refresh' or 'Change Sender' in the lower right corner of the interface of the receiver card (multiple Sender card debugging at the same time).

