

ledset2.3 operating

Instructions

Statement

Dear user friend , thanks for choosing Shanghai Xixun Electronic Technology Co., Ltd. (hereinafter referred to as Xixun Technology) 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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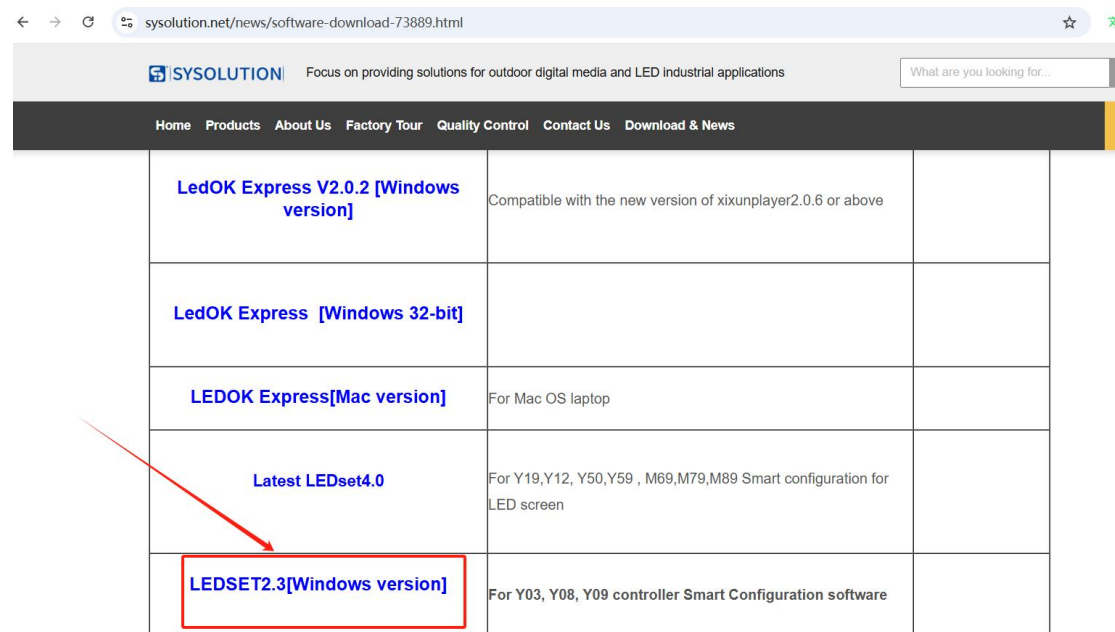
Trademark



is a registered trademark of Xixun Technology.

1.Download and Install

First, go to the official download section of the sysolution website(<https://www.sysolution.net/news/software-download-73889.html>) and download the software ledset2.3.



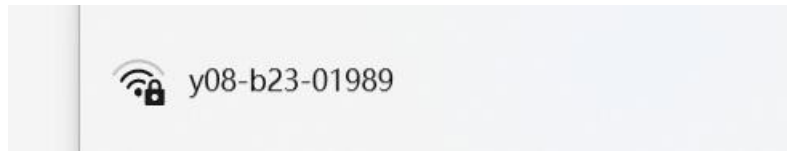
 SYSOLUTION Focus on providing solutions for outdoor digital media and LED industrial applications What are you looking for... Home Products About Us Factory Tour Quality Control Contact Us Download & News			
LedOK Express V2.0.2 [Windows version]	Compatible with the new version of xixunplayer2.0.6 or above		
LedOK Express [Windows 32-bit]			
LEDOK Express[Mac version]	For Mac OS laptop		
Latest LEDset4.0	For Y19,Y12, Y50,Y59 , M69,M79,M89 Smart configuration for LED screen		
LEDSET2.3[Windows version]	For Y03, Y08, Y09 controller Smart Configuration software		

After downloading and installing, will find this icon on the desktop.

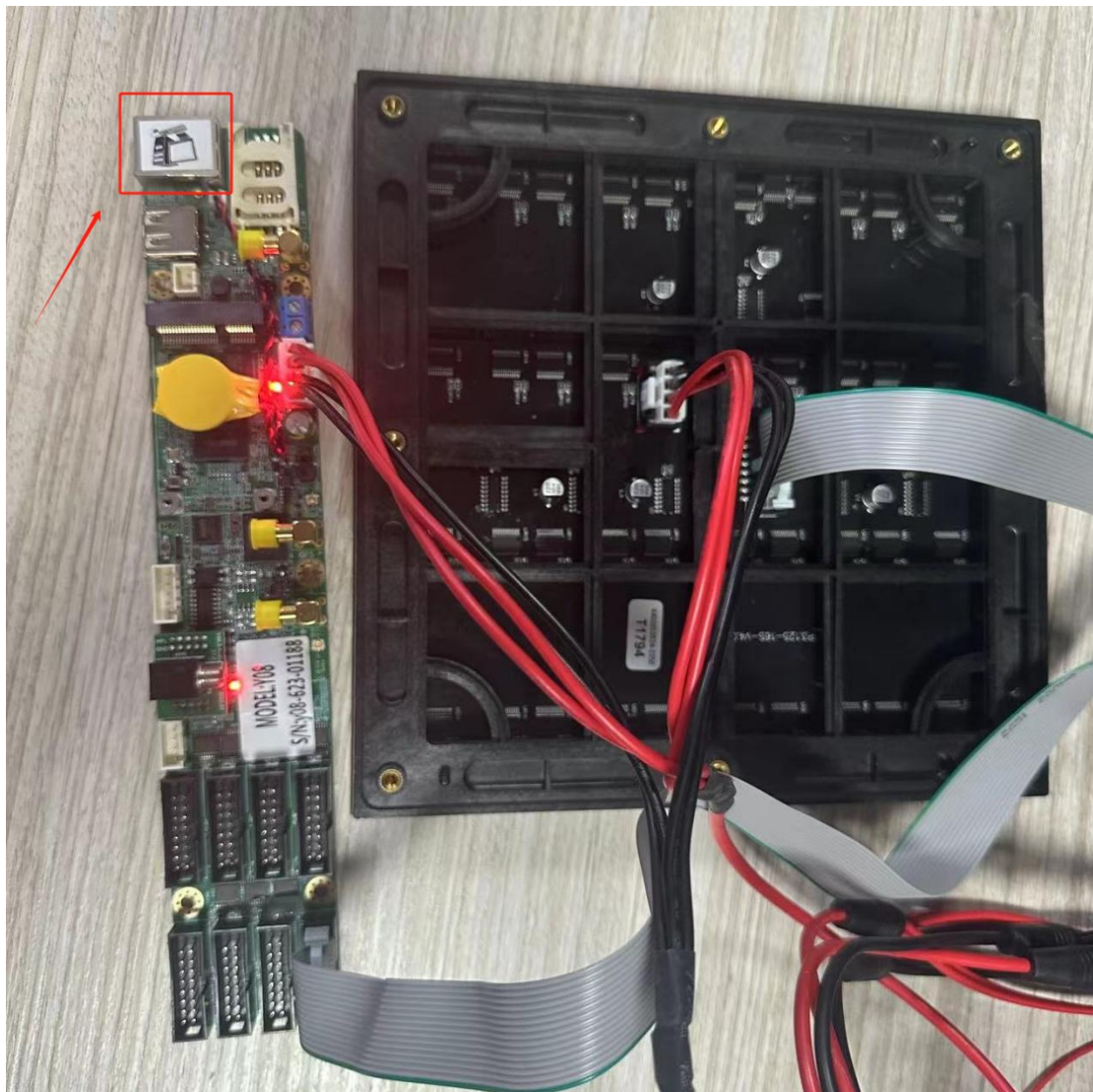


2.Connect to led controller

Connect computer to the device via WiFi (password: 12345678).



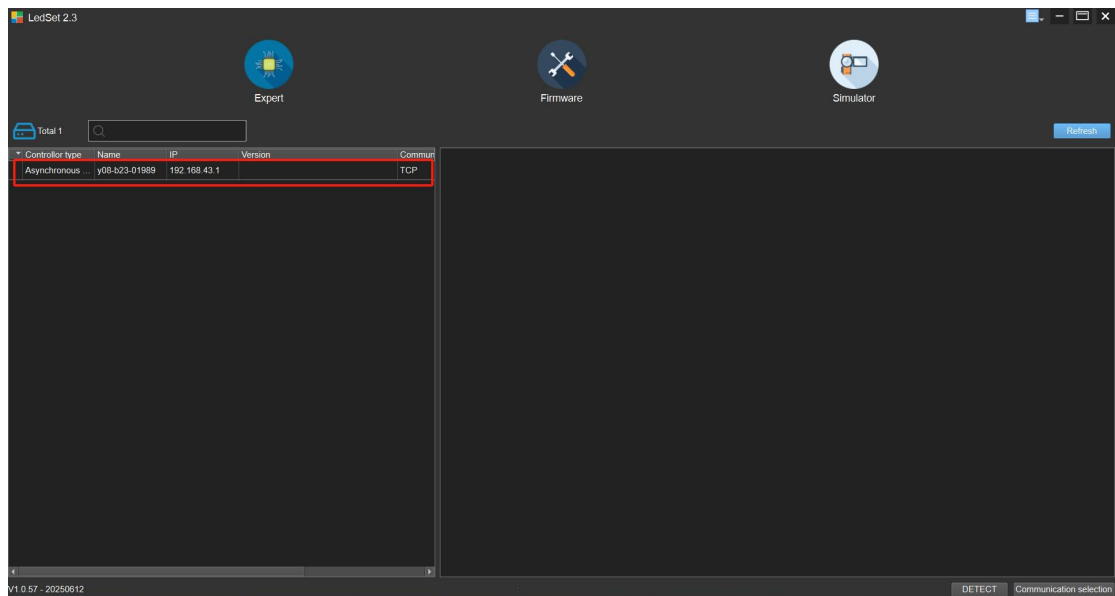
Can also choose to connect directly via a network cable.



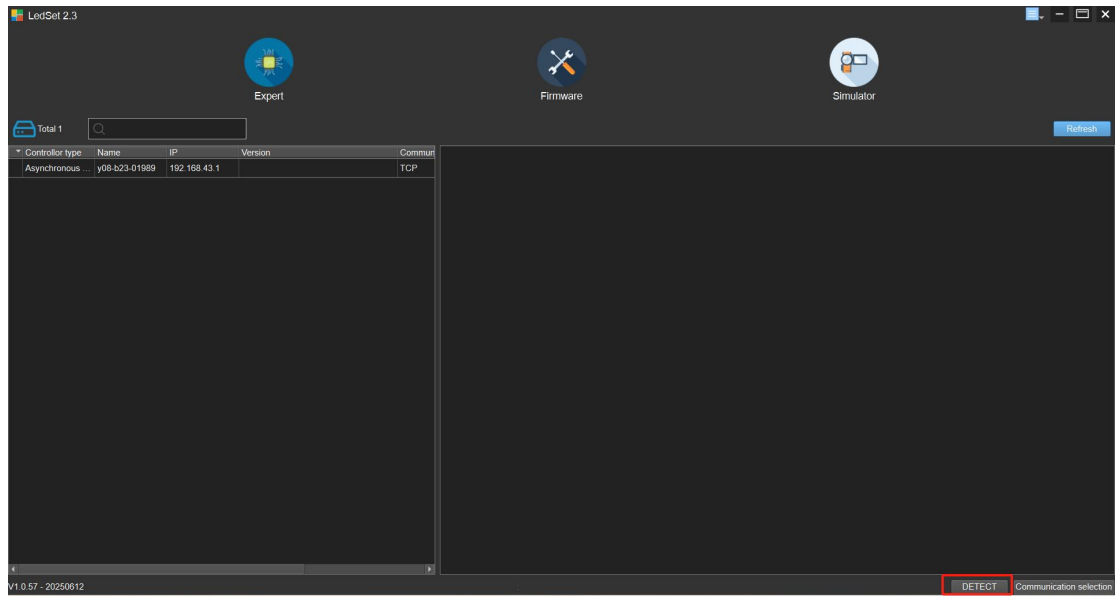
After connecting, open the software.



Find connected device,

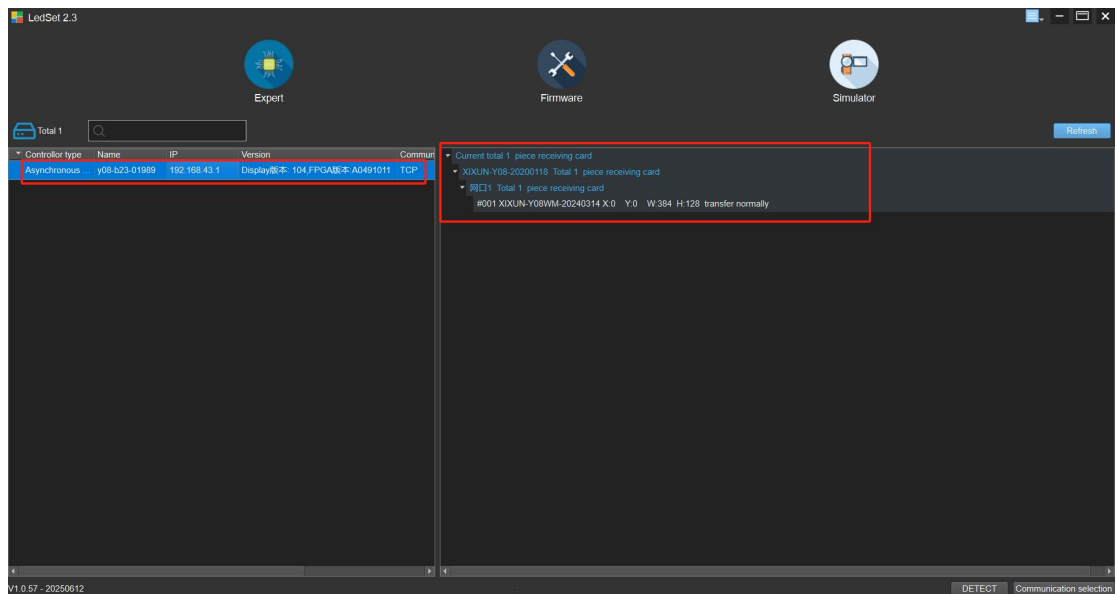


If the device IP address does not show up, click the “DETECT” button in the lower right corner.

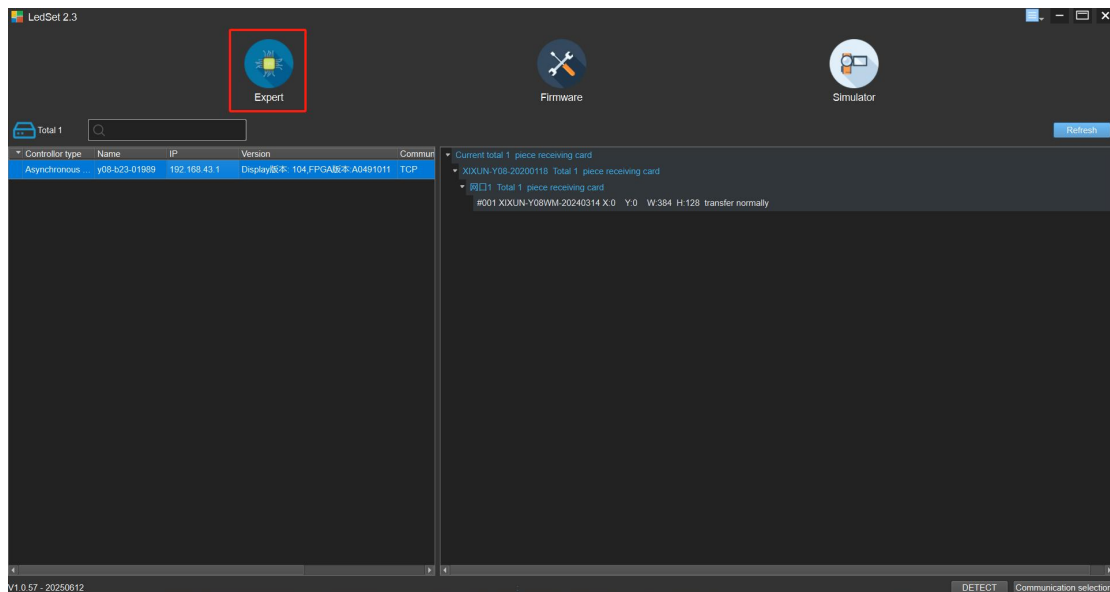


3.Screen settings

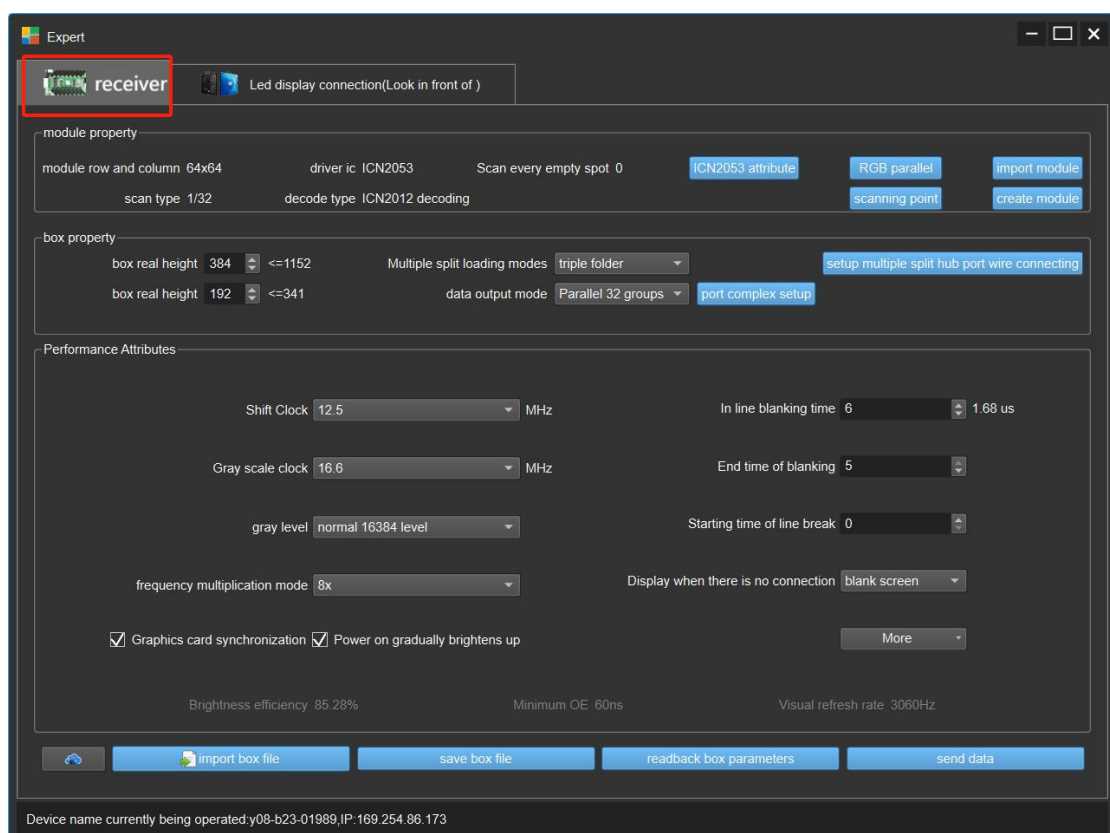
Click to select device



Click Expert



Click receive card



Click Create Module

The 'Expert' software window displays the 'receiver' tab. The 'module property' section includes fields for 'module row and column' (64x64), 'driver ic' (ICN2053), 'Scan every empty spot' (0), 'scan type' (1/32), 'decode type' (ICN2012 decoding), and buttons for 'ICN2053 attribute', 'RGB parallel', 'import module', 'scanning point', and 'create module' (highlighted with a red box). The 'box property' section shows 'box real height' (384 and 192), 'Multiple split loading modes' (triple folder), 'data output mode' (Parallel 32 groups), and buttons for 'setup multiple split hub port wire connecting' and 'port complex setup'. The 'Performance Attributes' section contains various settings like 'Shift Clock' (12.5 MHz), 'Gray scale clock' (16.6 MHz), 'gray level' (normal 16384 level), 'frequency multiplication mode' (8x), 'In line blanking time' (6), 'End time of blanking' (5), 'Starting time of line break' (0), 'Display when there is no connection' (blank screen), and checkboxes for 'Graphics card synchronization' and 'Power on gradually brightens up'. At the bottom, there are buttons for 'import box file', 'save box file', 'readback box parameters', and 'send data'. A status bar at the very bottom indicates 'Device name currently being operated: y08-b23-01989, IP: 169.254.86.173'.

Enter the module chip, decode, width and height, and click Next.

The 'Generate Module Wizard' window shows the 'module information' section. Fields include 'driver chip' (ICN2053), 'screen type' (full color), 'Number of pixel columns in the module (X)' (64), 'Number of pixel rows in the module (Y)' (64), 'Number of input cable groups for the module' (1), 'Number of data groups within a set of cables' (2), and 'line decoding type' (ICN2012). There are checkboxes for 'The D signal is extended to the second set of clocks' and 'empty channel'. The 'receiver information' section includes 'receiver type' (default), 'flat cable must plug in J1 port in receiver', 'data output mode' (Parallel 32 groups), and 'scan type' (row Scanning method). A 'Next' button is highlighted with a red box at the bottom right.

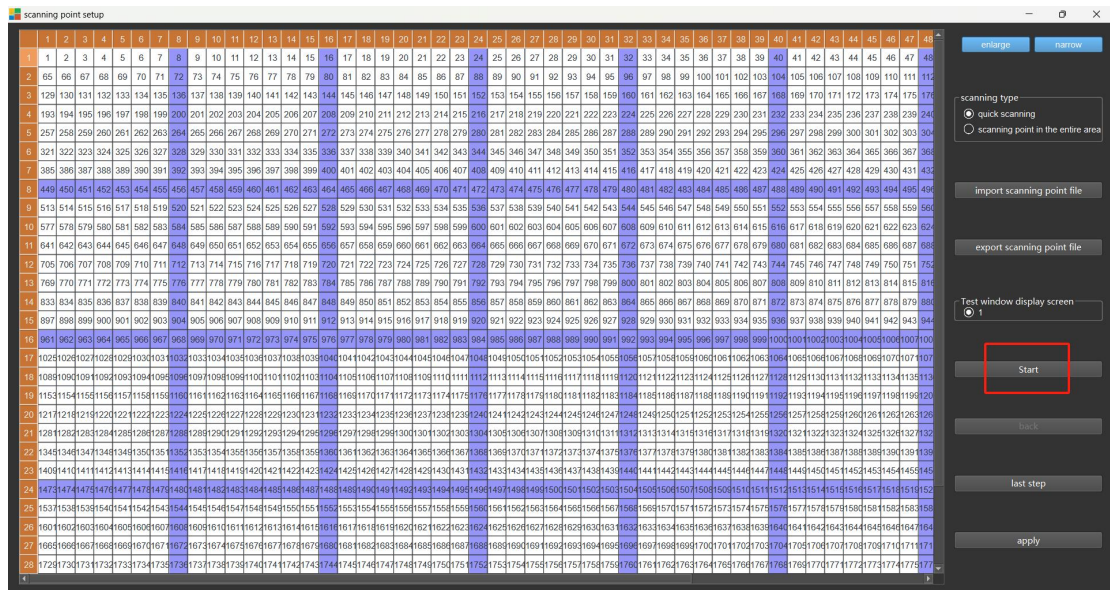
Select the number of sweeps (check how many rows are lit on the module to determine the normal number of sweeps, or check how many sweeps are written on the back of the module). Click Next.

The screenshot shows the 'Module Wizard' window with the title bar 'Module Wizard' and a subtitle 'an type'. The main content area is dark gray. In the center, there is a text prompt: 'How many rows (columns) on an LED display screen should a white line (including a bright line) be displayed every other row (Note: Select 1 row when fully lit)'. Below this prompt is a dropdown menu with the value '32' selected. At the bottom of the window, there is a progress indicator 'Display the detection window on the screen: 1' and two buttons: 'Back' and 'Next'. The 'Next' button is highlighted with a red rectangle.

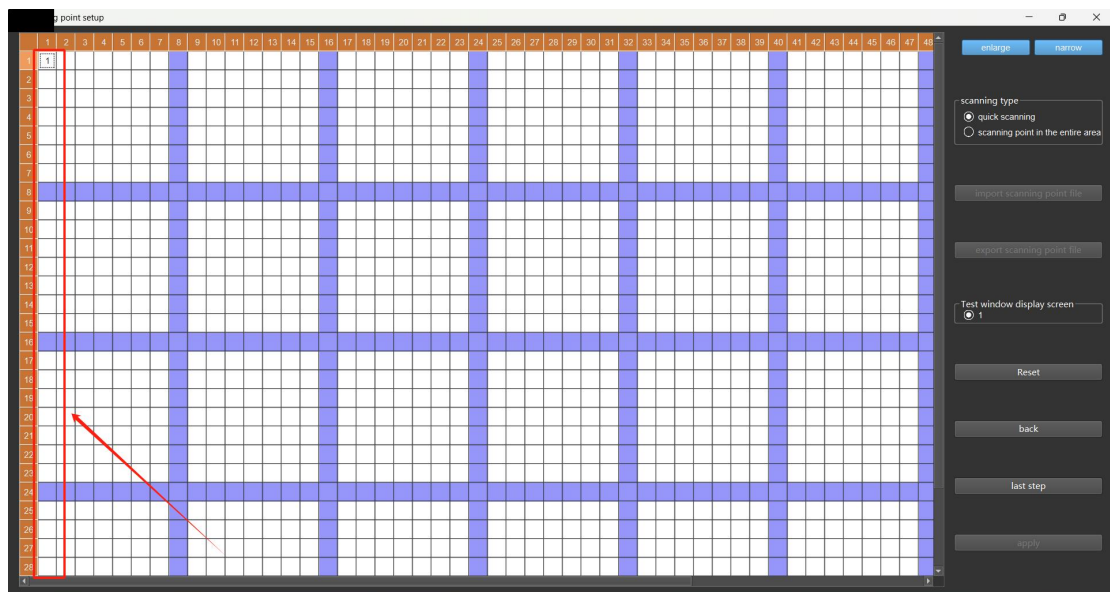
Click on each status to see the module's response. Select the corresponding color and click Next,

The screenshot shows the 'Module Wizard' window with the title bar 'Module Wizard' and a subtitle 'for definition'. The main content area is dark gray. In the center, there is a text prompt: 'The display screen will show a color every few seconds. Please observe the actual color displayed on the screen and select the corresponding test result.' Below this prompt, there is a checkbox labeled 'auto change display status' which is currently unchecked. Underneath, there is a section titled 'display status: LED screen colors'. This section contains four radio buttons, each with a corresponding color dropdown menu: 'status 1' (red), 'status 2' (green), 'status 3' (blue), and 'status 4' (black). The 'status 1' radio button is selected. At the bottom of the window, there is a progress indicator 'Display the detection window on the screen: 1' and two buttons: 'Back' and 'Next'. The 'Next' button is highlighted with a red rectangle.

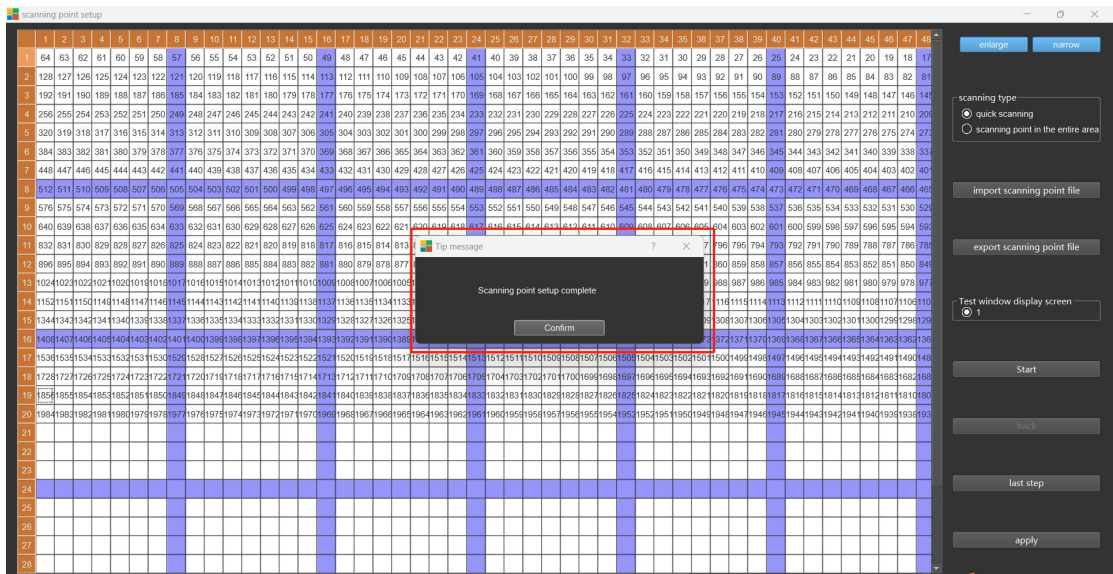
Click Start



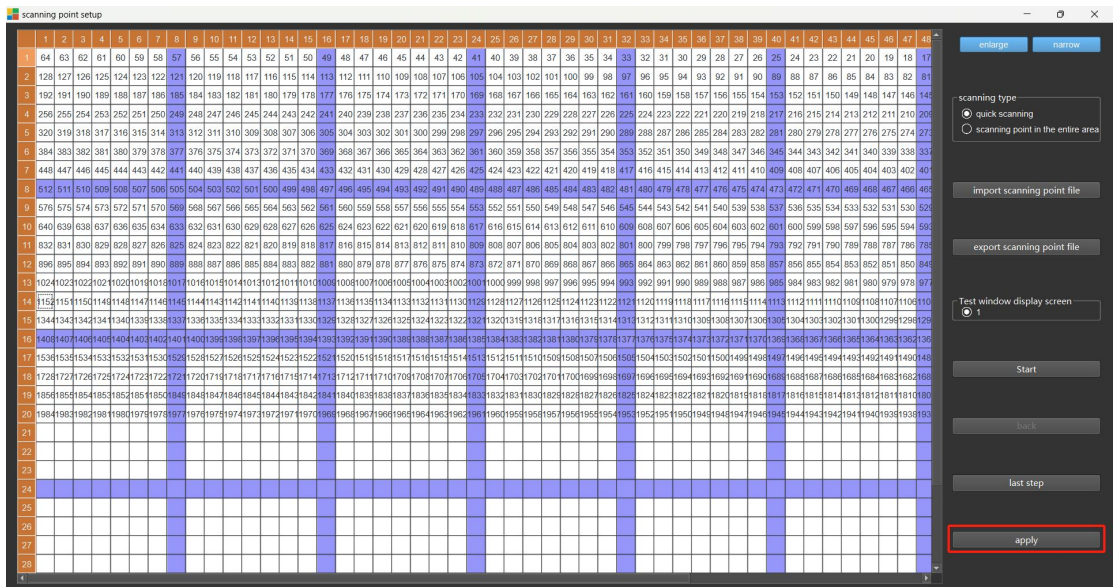
Look at the flash points on the module, click on the corresponding position, and start walking.



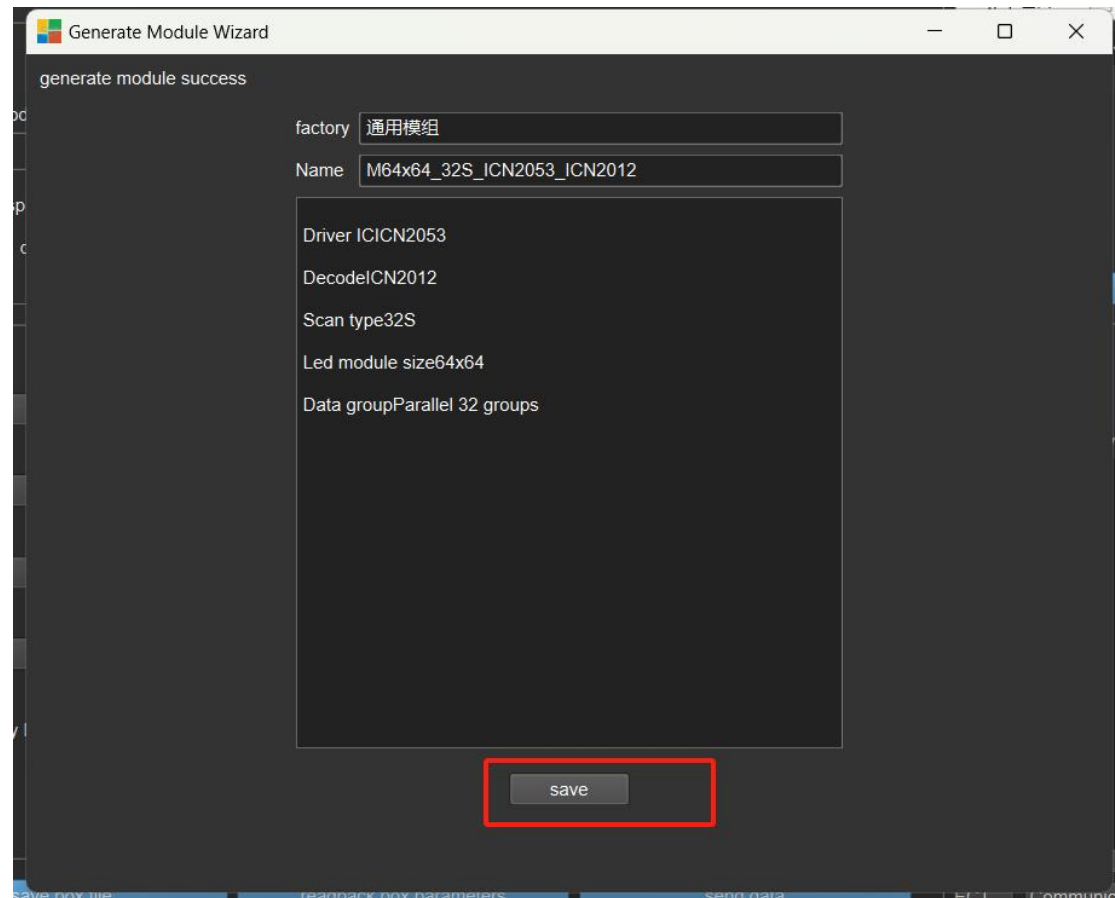
After completing the scanning point setup, click Confirm.



Click to apply



Click Save



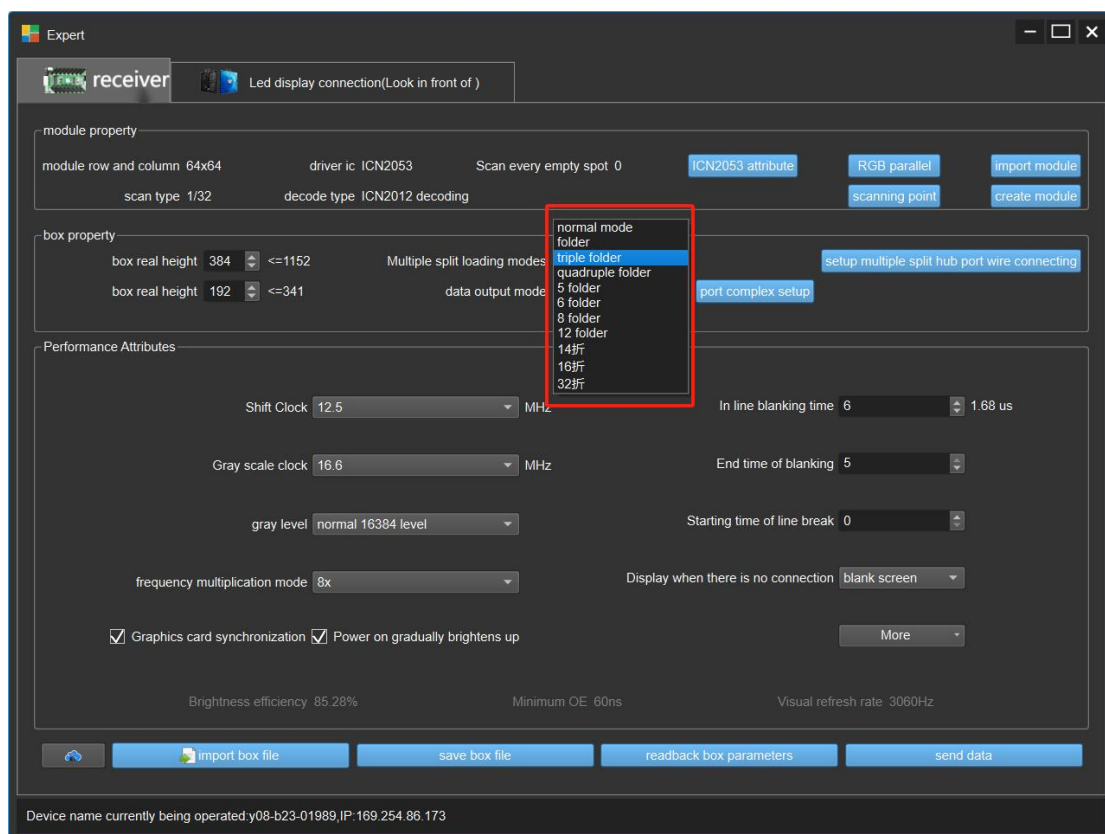
Output Mode: Supports two-to-four-channel output modes. Depending on actual requirements, the performance of the receiver card can be fully utilized to achieve a higher refresh rate on the display screen. The following example illustrates the module-level connection direction from right to left.

Normal mode: Data groups 1 to 16 are loaded vertically from top to bottom.

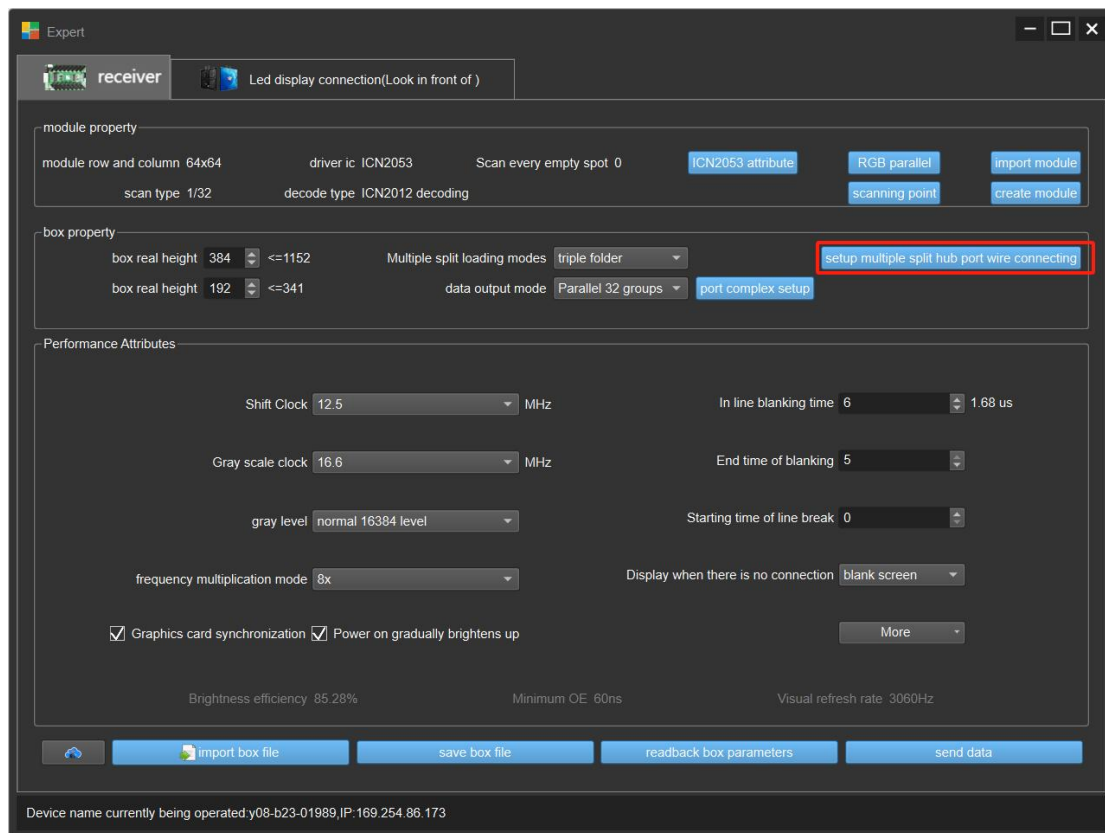
Folder: Receiver cards (1-8) load the left half of the LED panel, while (8-16) load the right half, with the same width and height.

Triple folder: Groups 1-4, 5-8, and 9-10 are divided into three horizontal sections, each carrying the same width/height.

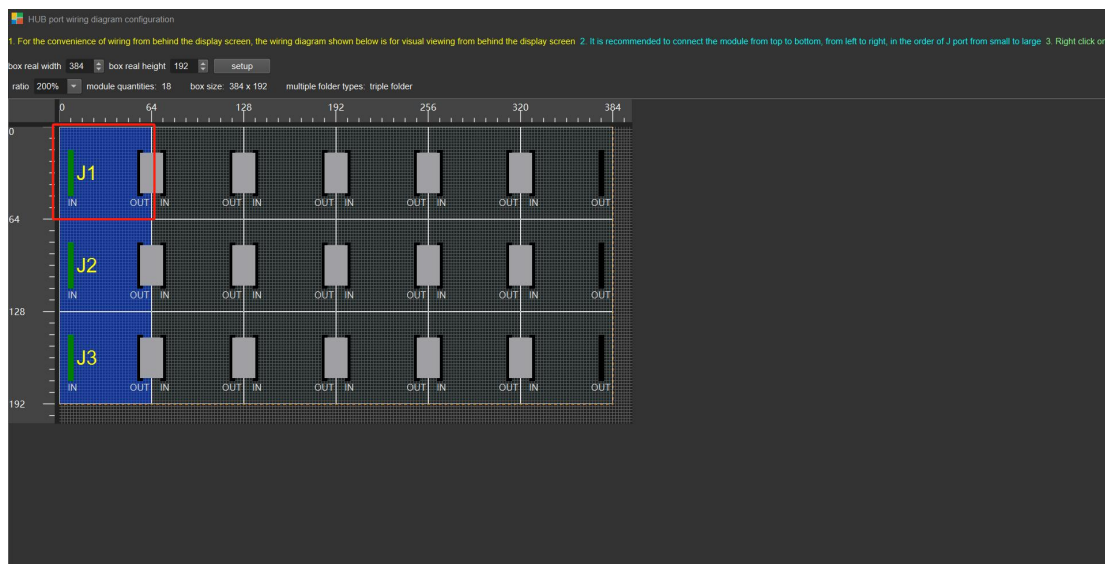
Quadruple folder: Groups 1-4, 5-8, 9-10, and 11-16 are divided into four horizontal sections, each carrying the same width/height.



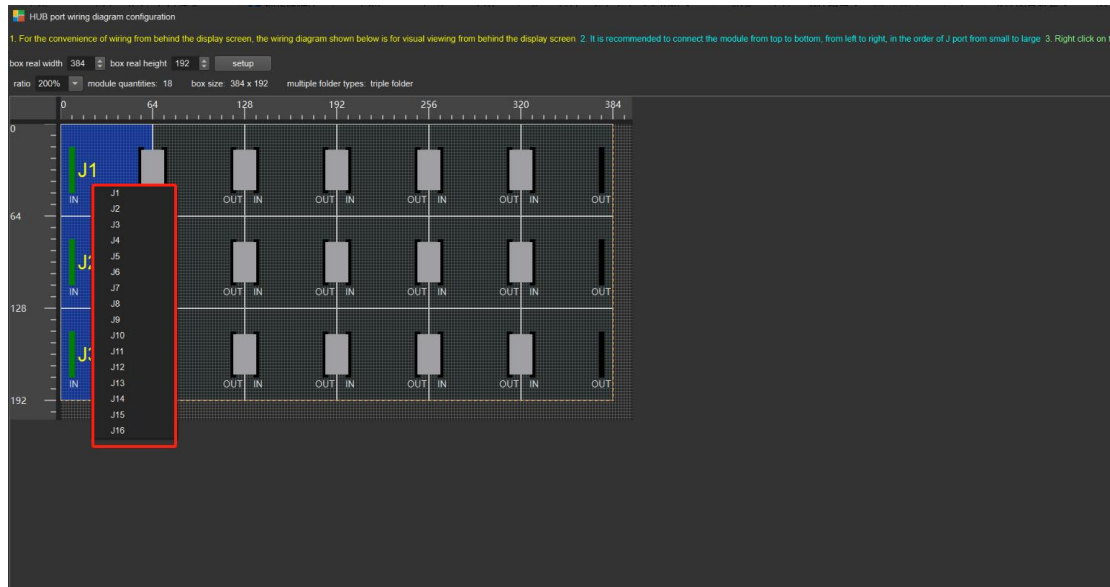
HUB port switching, click to enter



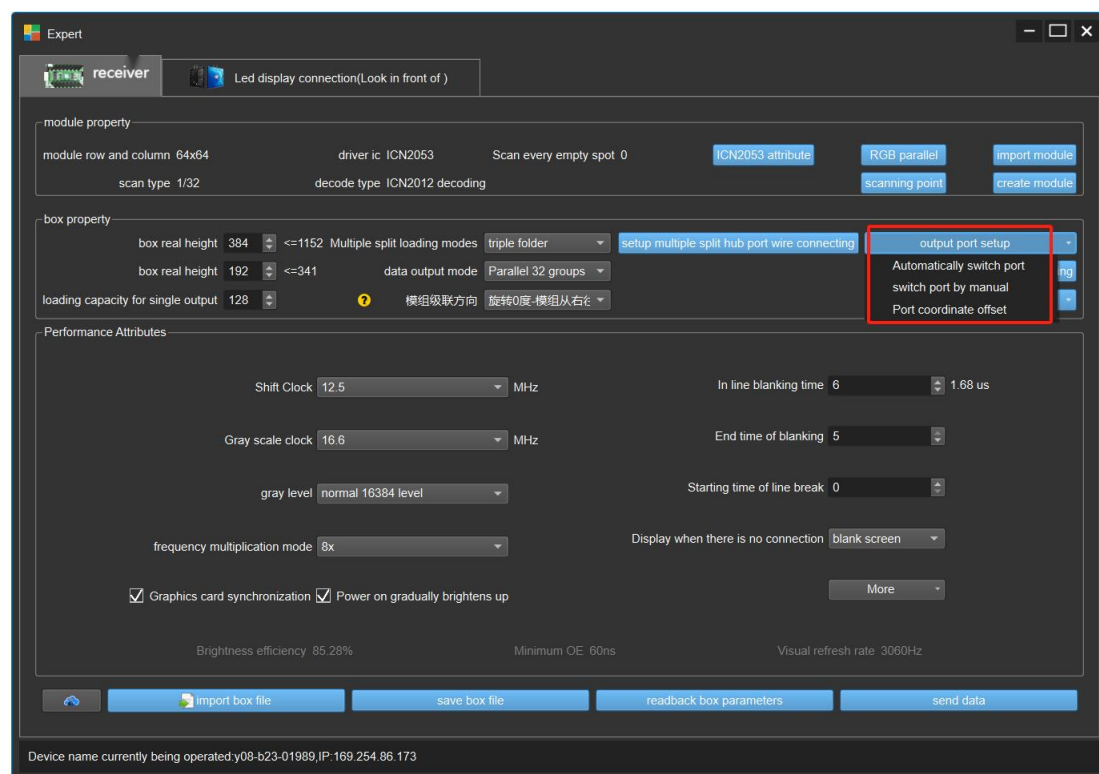
Select the data group you want to replace, right-click.



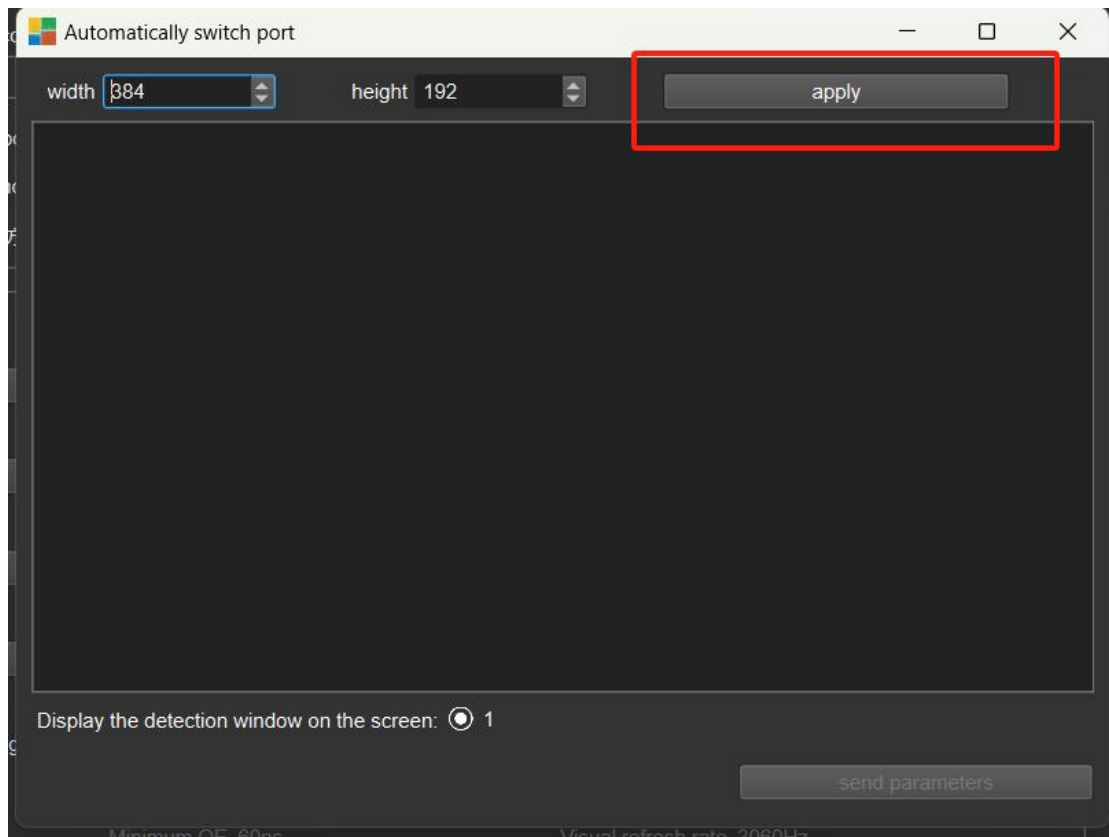
Select the data group you want to replace, and click Apply once the replacement is complete.



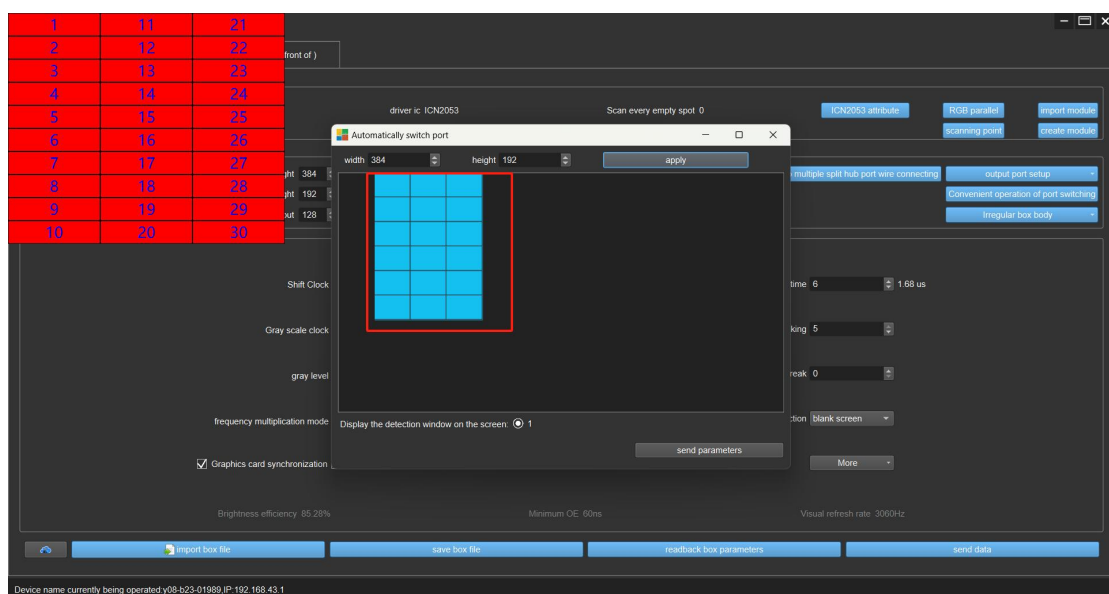
output port setup (smart port switching) Use when screen data is garbled.



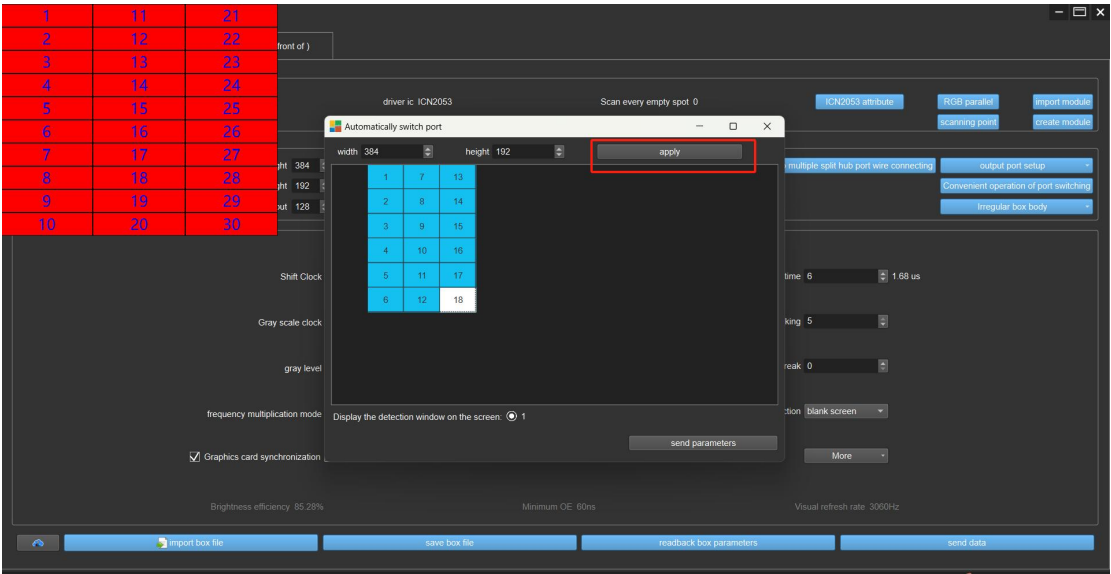
Click apply



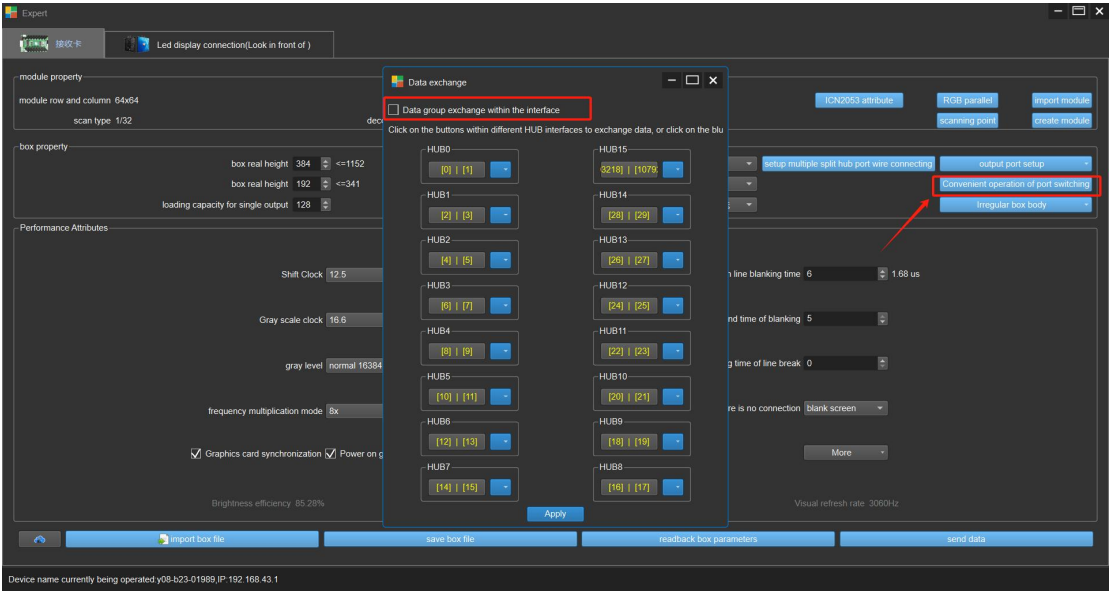
Click in the order shown in the upper left corner.



Click Apply



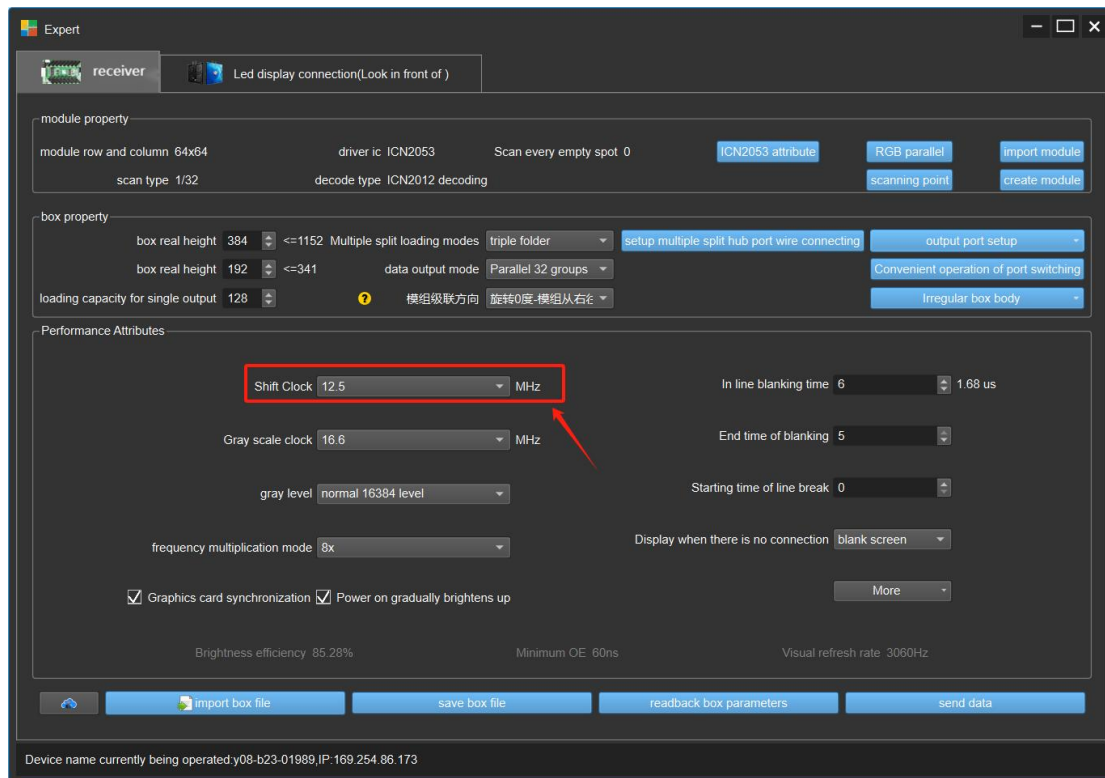
Convenient operation of port switching (What is exchanged is the data group within the interface)



Can select a data group and exchange it with another data group (click Apply).



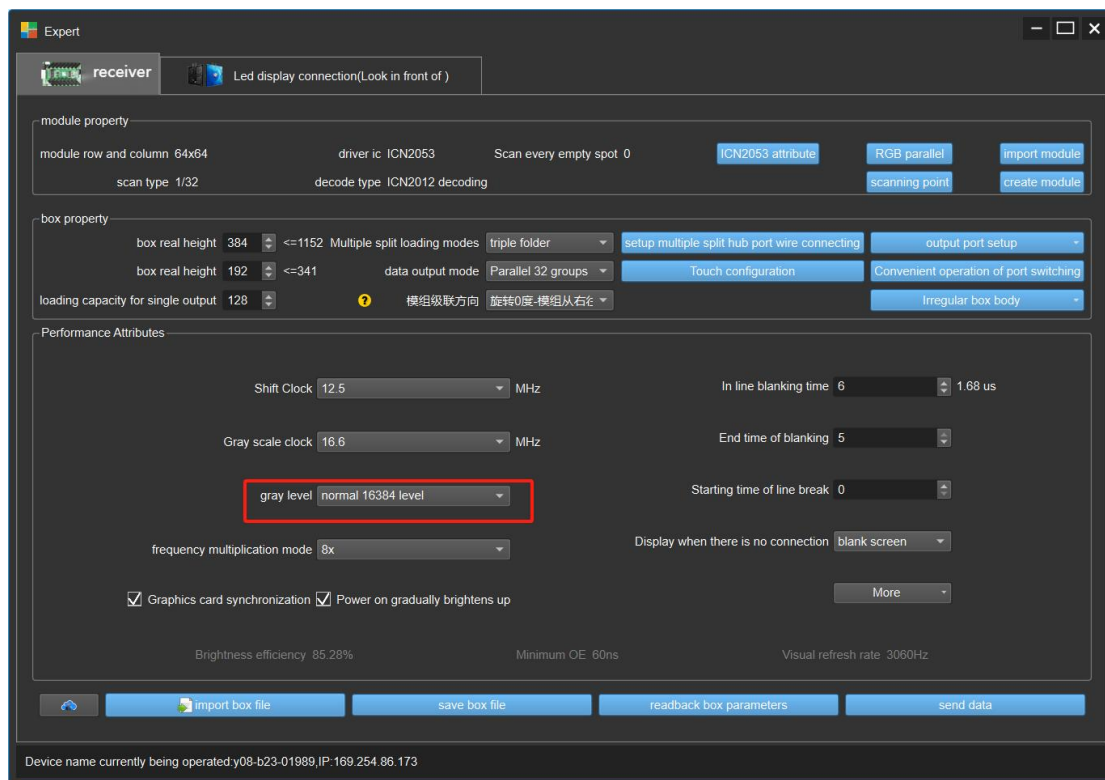
Shift clock: This is related to the LED module circuit design and the driver chip used. If a high refresh rate IC is used and the design is reasonable, the module can achieve a higher clock speed. This supports higher grayscale and refresh rate without changing the load area.



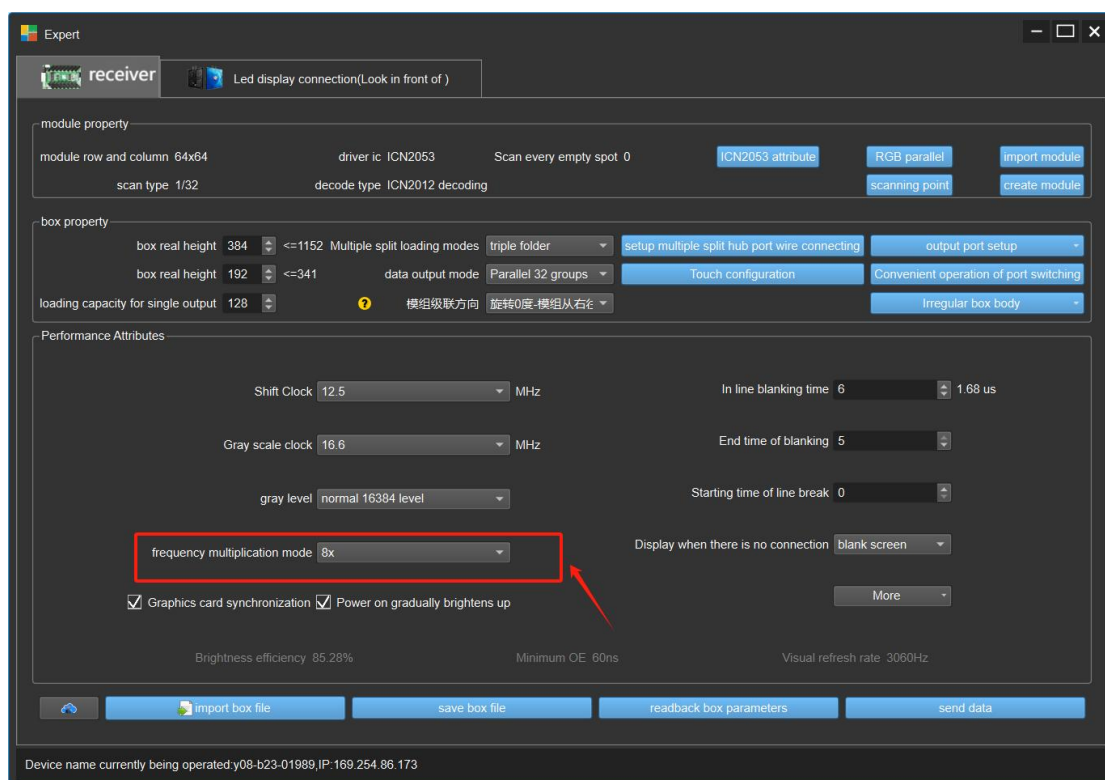
Gray level: Increase the gray scale according to the display requirements.

The higher the gray scale, the better the image quality and resolution.

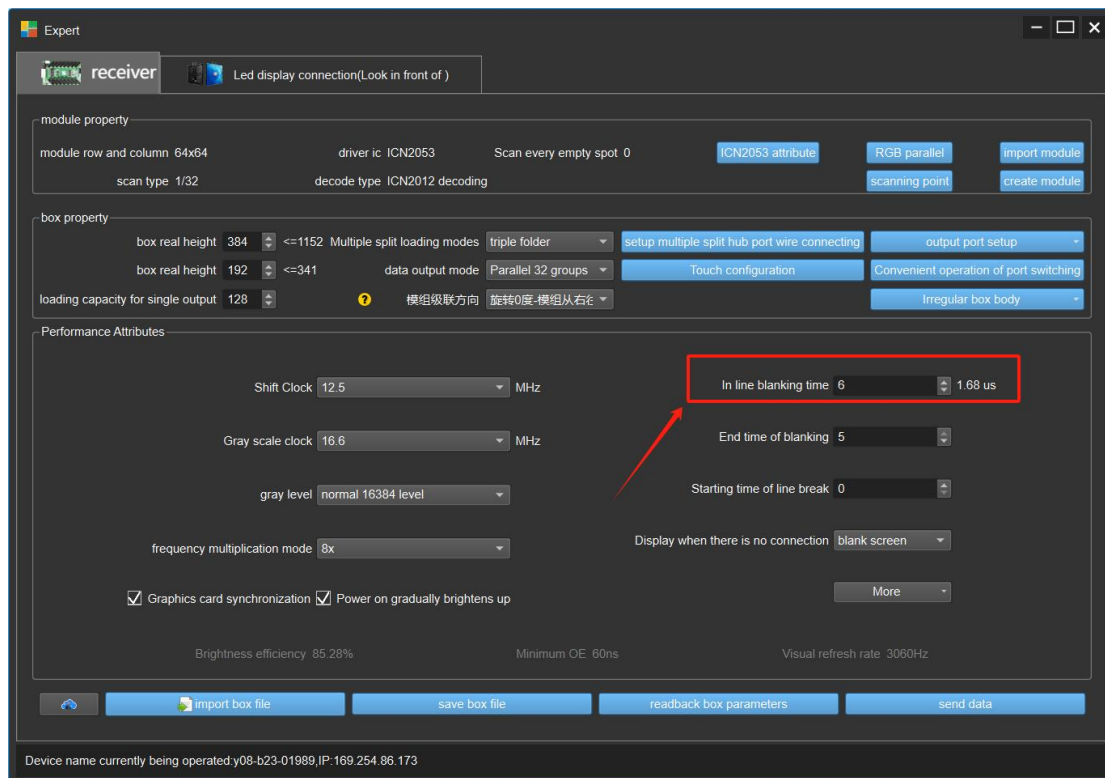
Generally, it is 12 to 14 bits. A 12-bit gray scale equals 2^{12} power, which is equivalent to 4096 gray levels.



frequency multiplication mode: High refresh rate algorithm used to increase visual refresh rate



In line blanking time: The time and position for switching between rows of data after scanning one row. This is mainly used to adjust the afterglow of the scan screen. If the afterglow is severe, increase this line break time value. Generally, use the default value.



End time of blanking:

Expert

receiver Led display connection(Look in front of)

module property

module row and column 64x64 driver ic ICN2053 Scan every empty spot 0 ICN2053 attribute RGB parallel import module

scan type 1/32 decode type ICN2012 decoding scanning point create module

box property

box real height 384 <=1152 Multiple split loading modes triple folder setup multiple split hub port wire connecting output port setup

box real height 192 <=341 data output mode Parallel 32 groups Touch configuration Convenient operation of port switching

loading capacity for single output 128 模组级联方向 旋转0度-模组从右往左 Irregular box body

Performance Attributes

Shift Clock 12.5 MHz In line blanking time 6 1.68 us

Gray scale clock 16.6 MHz End time of blanking 5

gray level normal 16384 level Starting time of line break 0

frequency multiplication mode 8x Display when there is no connection blank screen

☒ Graphics card synchronization ☒ Power on gradually brightens up More

Brightness efficiency 85.28% Minimum OE 60ns Visual refresh rate 3060Hz

import box file save box file readback box parameters send data

Device name currently being operated:y08-b23-01989,IP:169.254.86.173

Starting time of line break:

Expert

receiver Led display connection(Look in front of)

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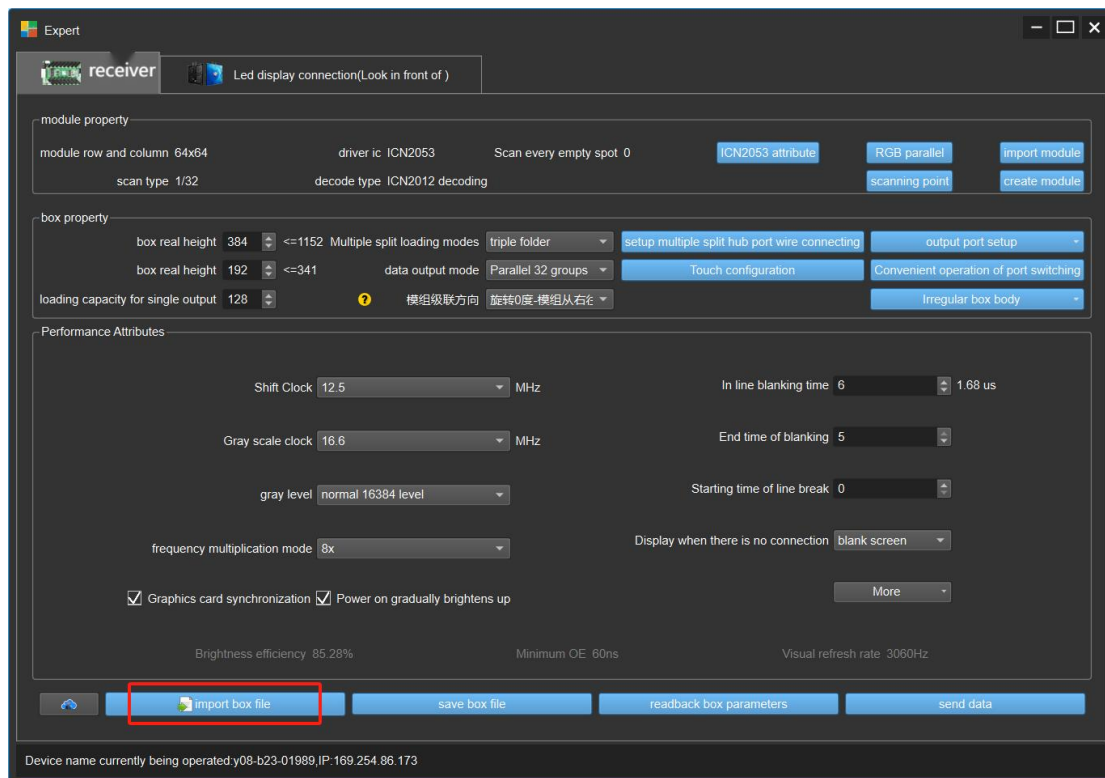
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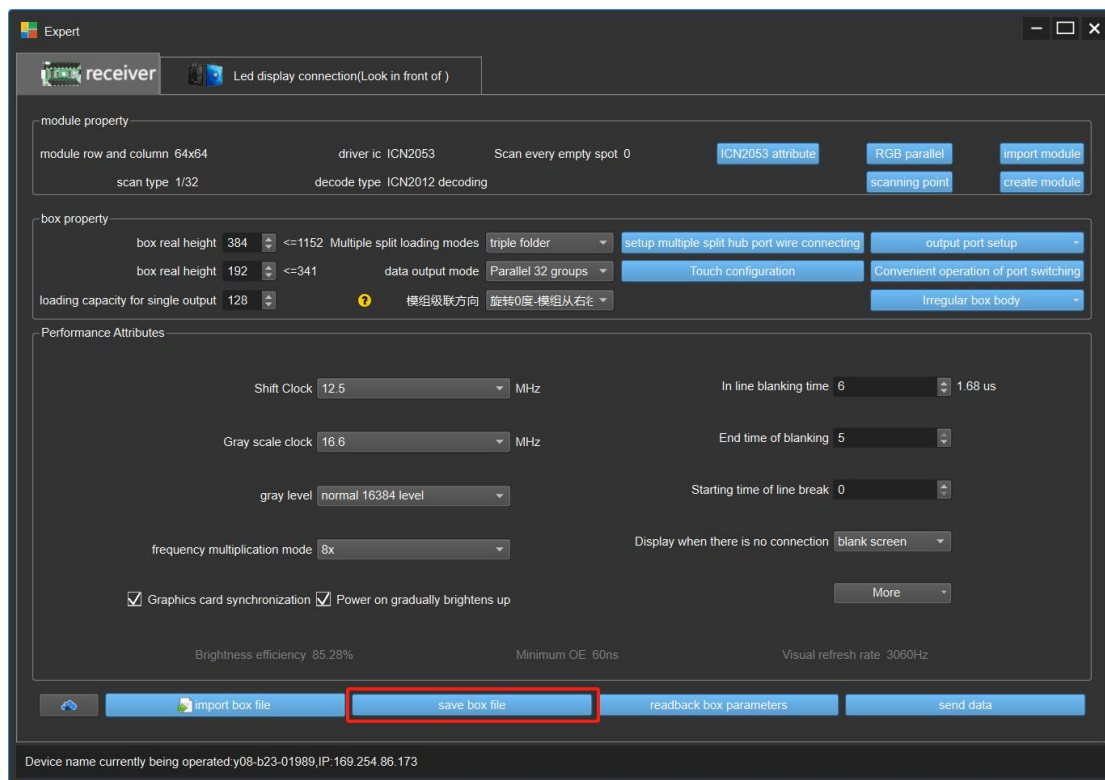
import box file save box file readback box parameters send data

Device name currently being operated:y08-b23-01989,IP:169.254.86.173

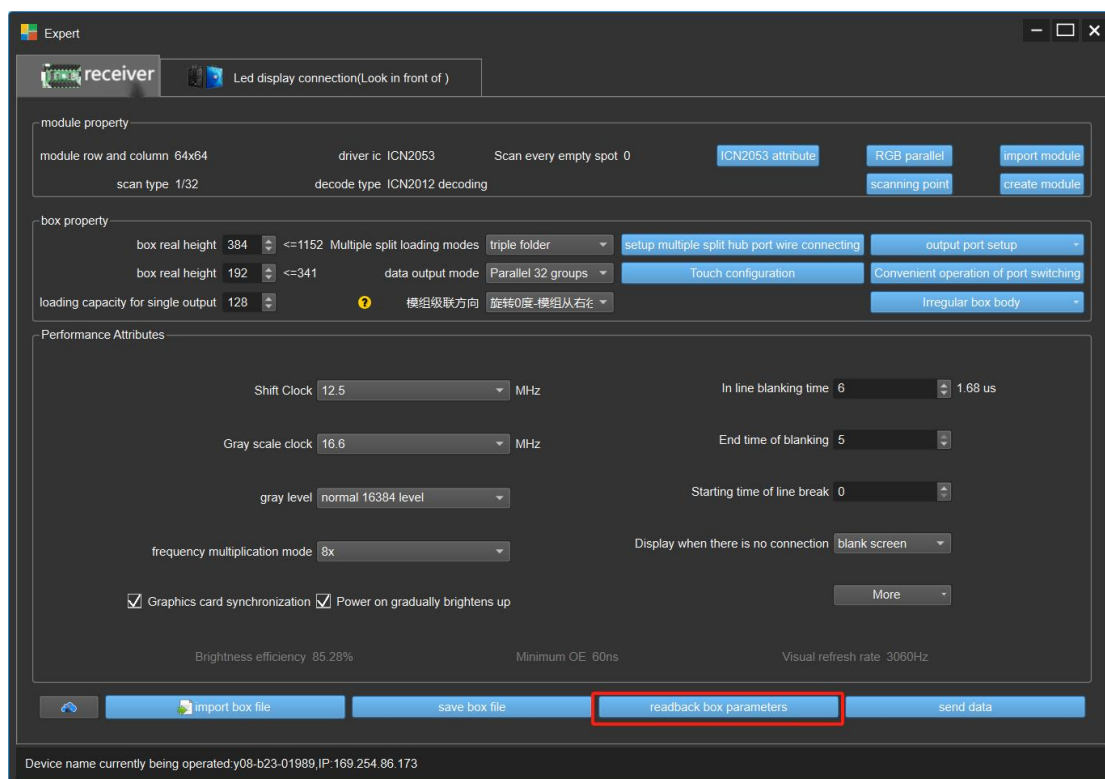
If there are pre-set parameters available, import the box file.



If have adjusted the parameters and want to save them to computer, can choose to save the box file.



If the equipment has pre-set data option, readback box parameters.



Adjust the parameters and click send.(Send solidified)

Expert

receiver Led display connection(Look in front of)

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