

# Taurus Series Multimedia Player User Guide

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## SOFTWARE

- 1 PC configuration software: NovaMars-LCT 5.0



- 2 PC publishing software: ViPlex Express



- 3 The APP for Smartphone/PocketPC: ViPlex Handy



Software acquisition mode : <http://www.novastar-led.cn/download.aspx>

The APP for Smartphone/PocketPC can be downloaded in APP store

## connection

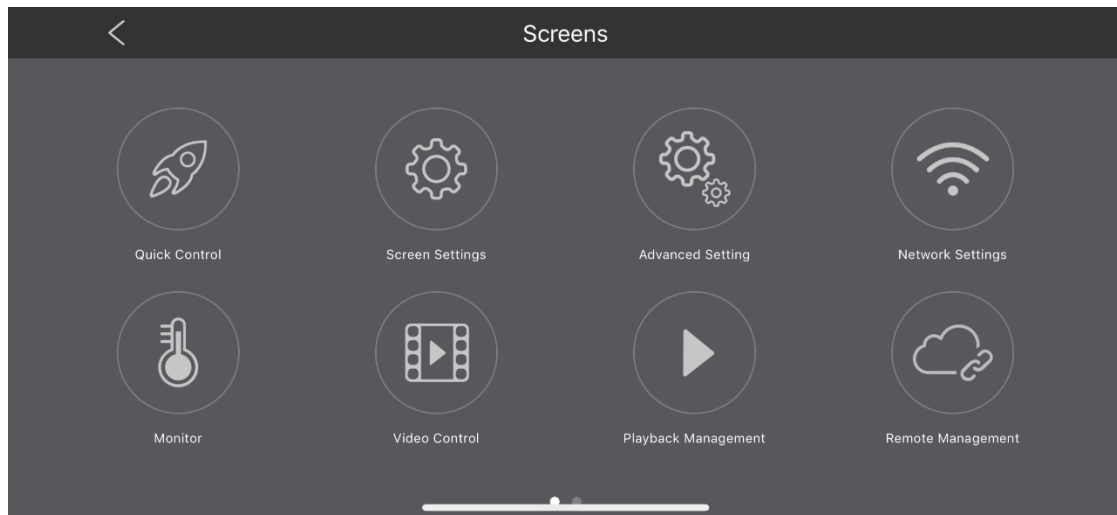
### 1 connecting via smartphone APP

search device's wifi and then connect, name: "AP+SN last 8 figures", For instance: AP50003010 Default password: "12345678"



Open Viplex Handy, click connection, name "admin" (it has to be lower-case letters), password "123456"





Quick control—Sync Time, Adjust Volume, Color Temperature

Screen Settings—Screen status control, Brightness Control, Timed Restart

Advanced Setting—Change Password, Time Synchronization,  
Advanced Function(Synchronous Playing,Resolution etc)

Network Settings—WIFI Settings, Wired Network Settings, Mobile Data Settings

Monitor—Ambient Brightness, receiving card, temperature,

Playback Screenshot, System Parameter , Time parameter

Video Control—Video input mode, video source screen start position

Playback Management— choose to play reserved videos

Remote Management—VNNOX , NovaiCare

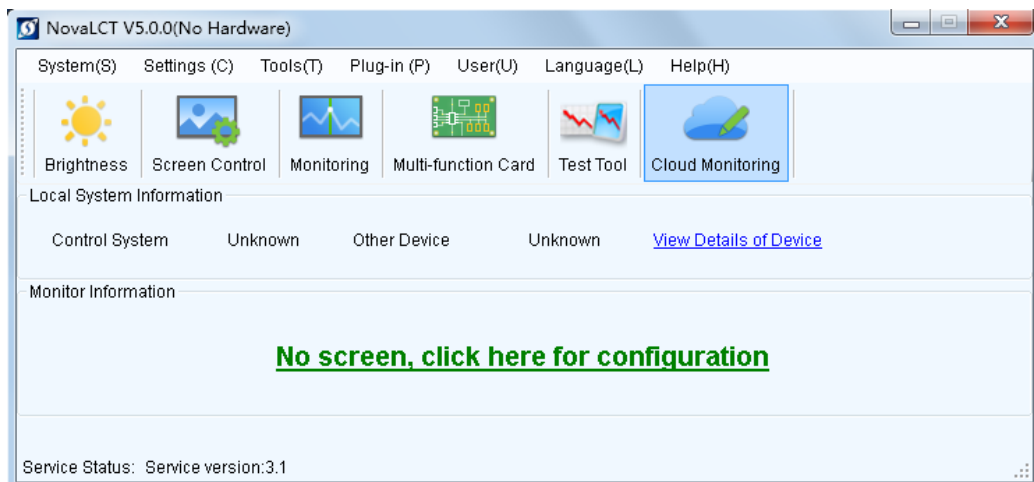
Screen Information—Screen name , Registration Address, System Version etc

## 2 connecting via PC WIFI

Search device's WIFI and then connect, name: "AP+SN PLUS last 8 figures" For instance: AP50003010, Default password:"12345678"

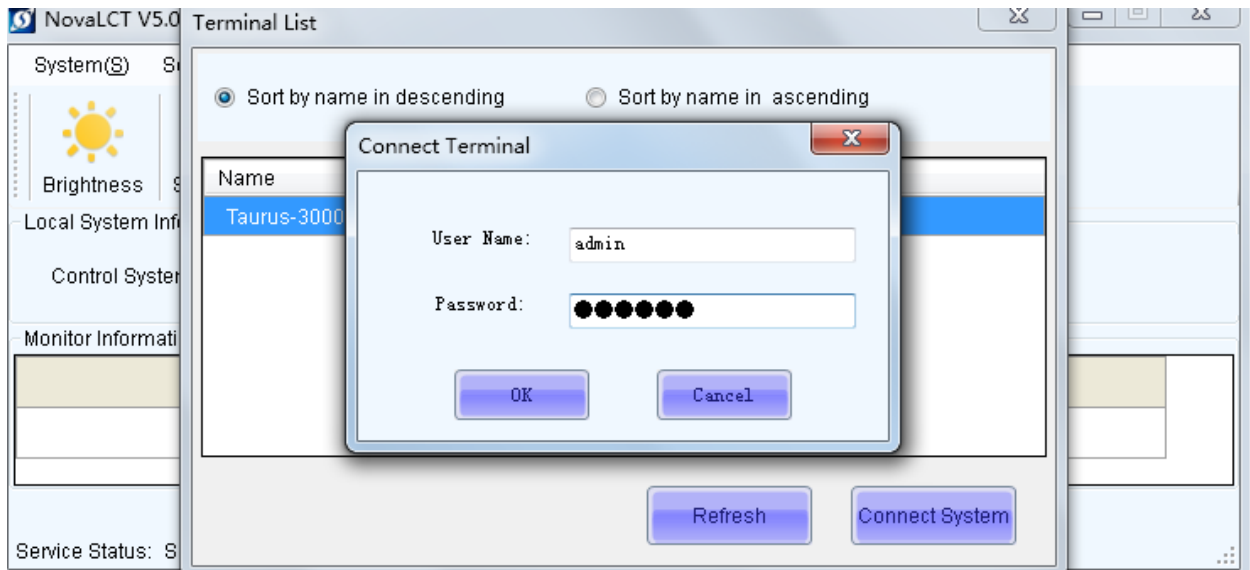


Open NovaLCT-Mars 5.0, click user—Media player login—pick up device



Click connect system—name: “admin”( it has to be lower-case letters ),

Password “123456”



### 3 connecting via PC line directly

used by PC, connect PC port with device's ETHERNET port by wire, Firstly connect WIFI (**Both PC and smartphone are available**), modify device's IP, and then change PC IP to same network segment as devices' but different address, finally use NovaLCT 5.0 to connect

use Vplex Express to modify IP

① using PC to connect T cards' WIFI

② Open ViPlex Express

Click screen Control, fill in parameter below

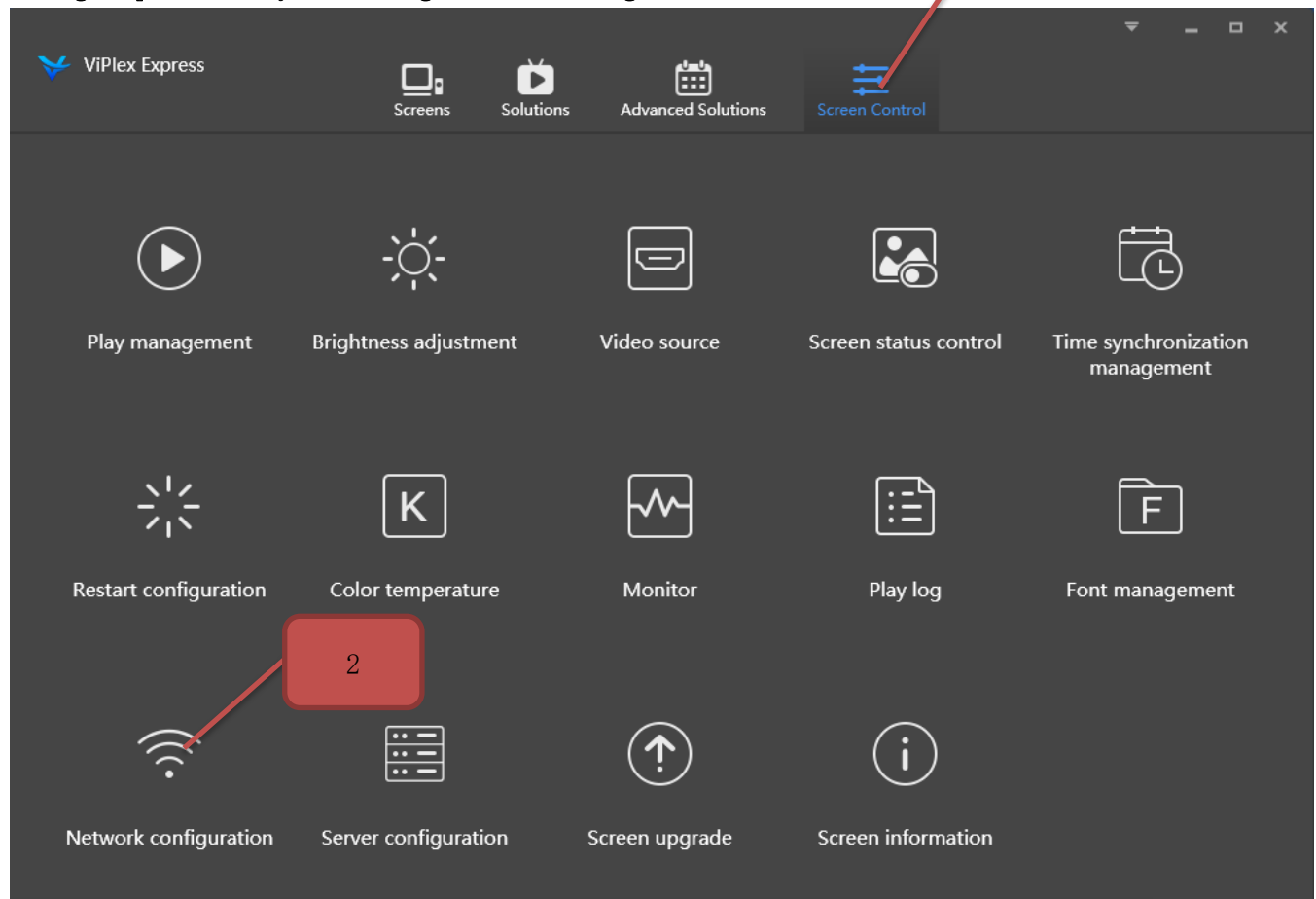
IP address: 192.168.0.220

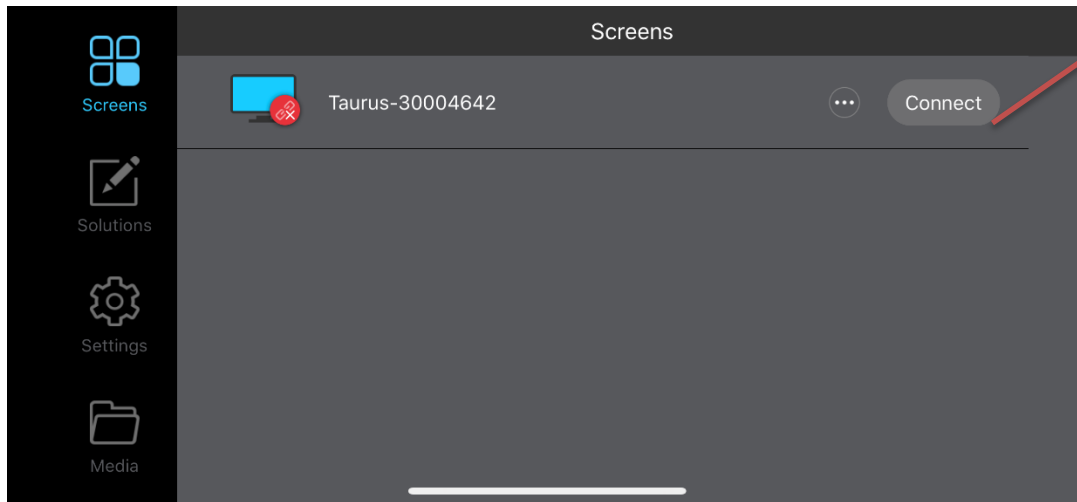
Mask: 255.255.255.0

Gateway: 192.168.0.1

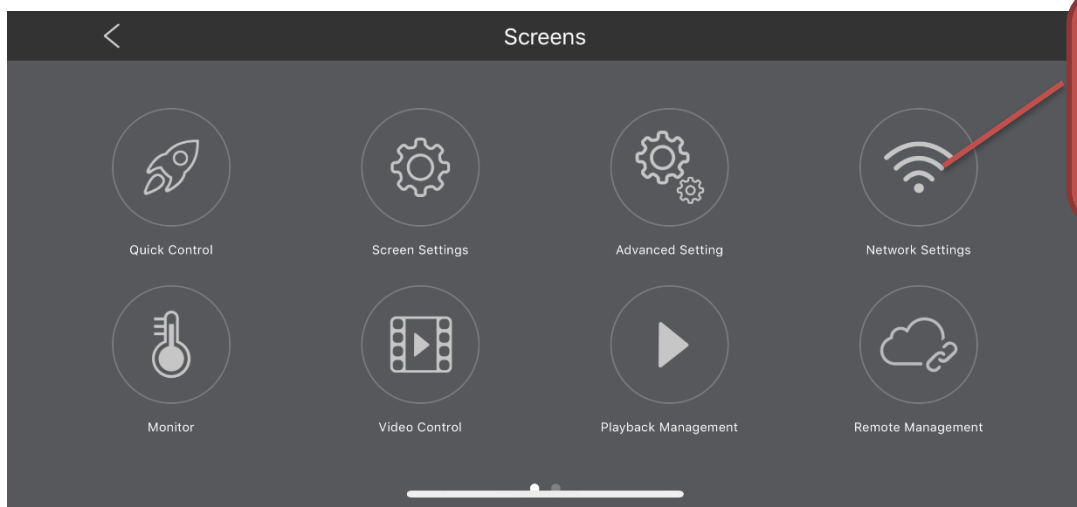
DNS: 192.168.0.1

Using Vplex Handy to change network segment

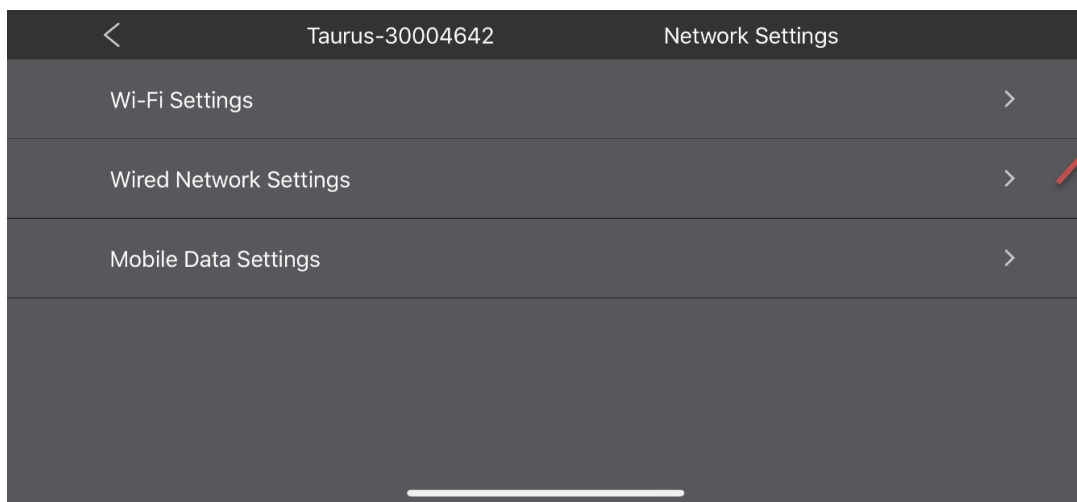




1 mobile phone connects to T card. WiFi, open APP Enter this interface

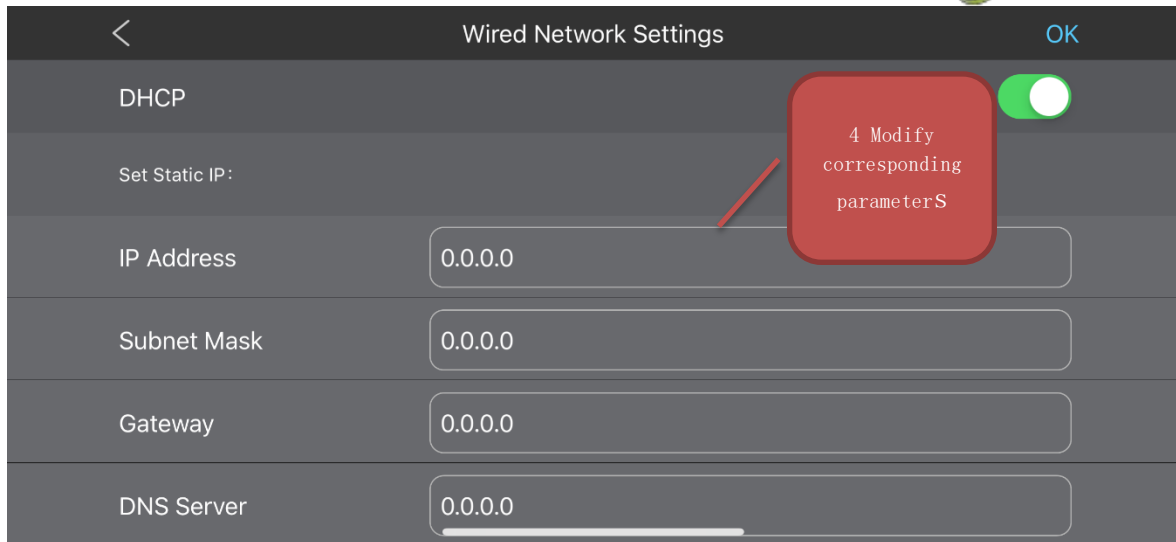


2 enter the network settings interface



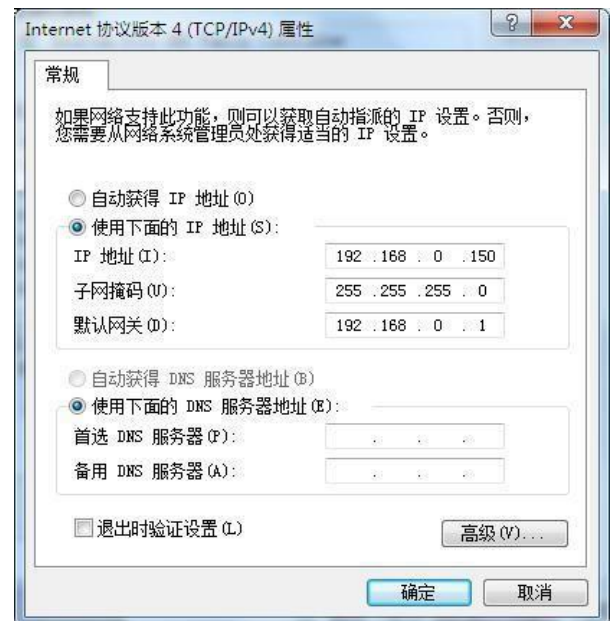
3 Select wired network settings





### Modify PC IP

Modify PC network segment to 192.168.0.XXX (can't conflict with device IP),  
Mask: 255.255.255.0, and then use Version 5.0 software to login and connect



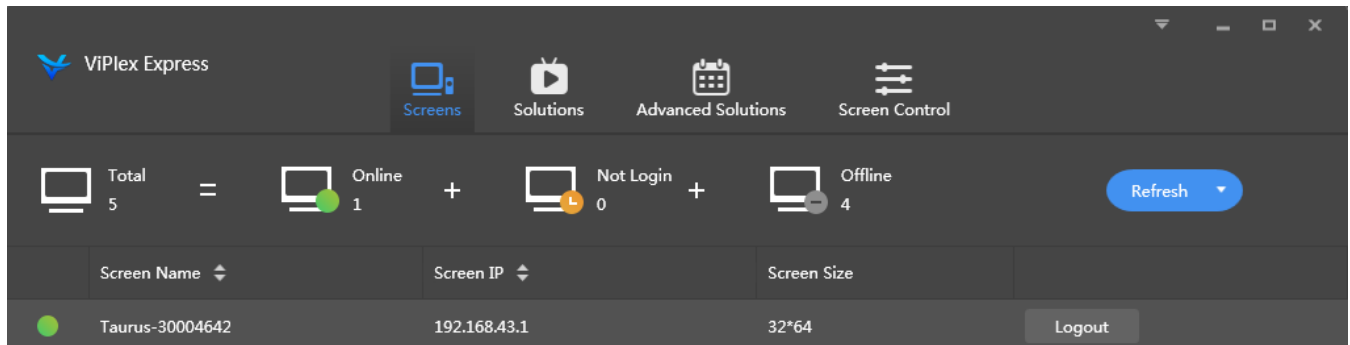
If have done these configurations, it's able to connect T card with PC by wire



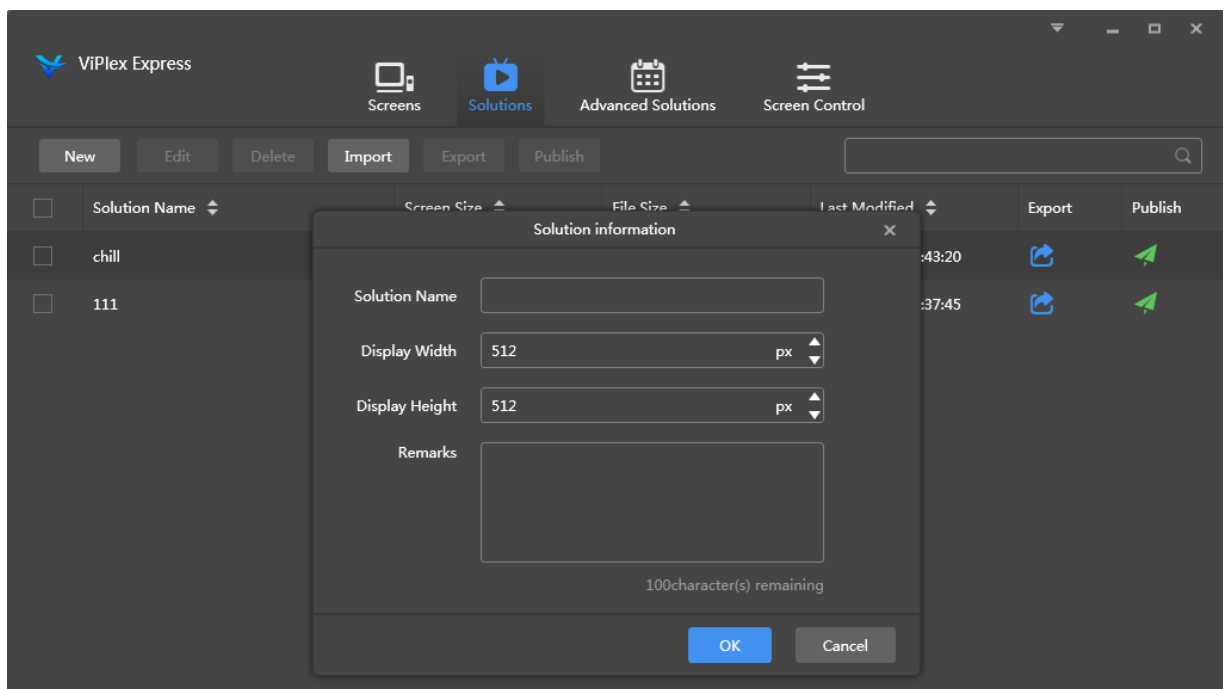
## programming and publishing

### 1 Publishing via PC (ViPlex Express)

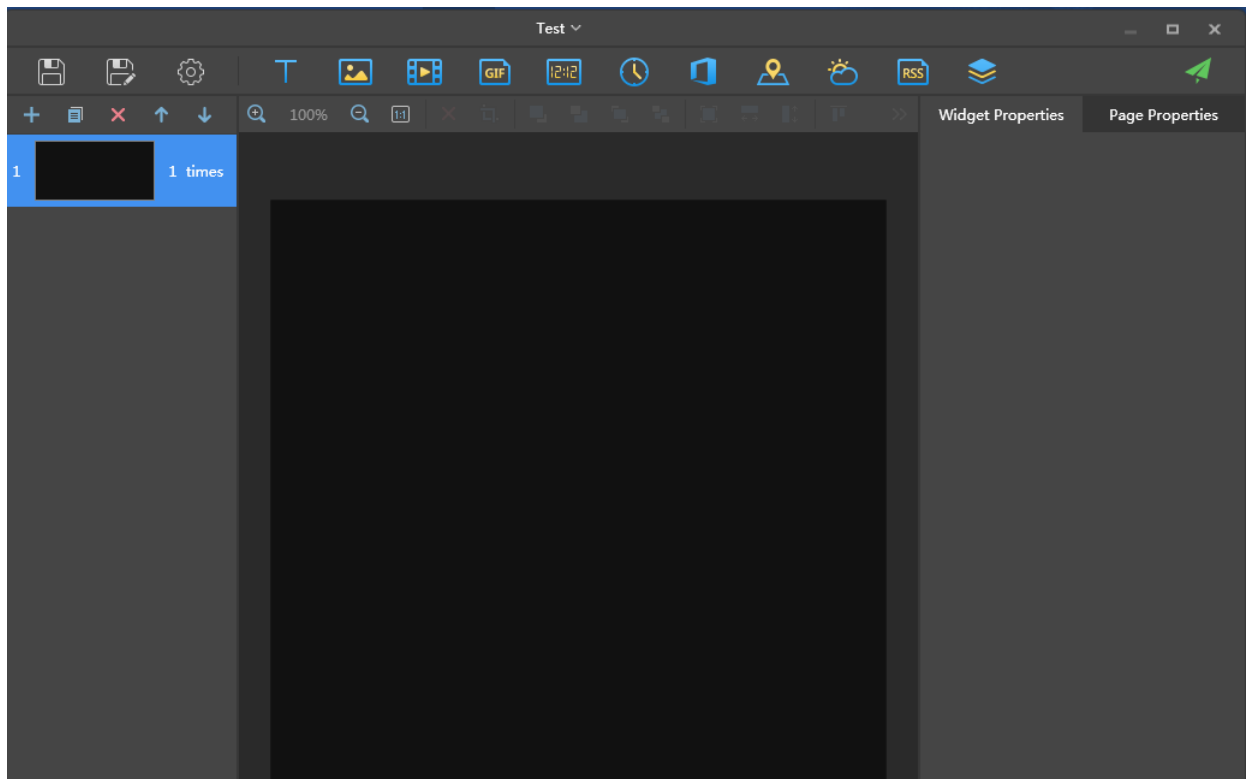
① Firstly to connect device, click Refresh, check out condition,



②click solutions, new, fill in solution name, Adjust screen size parameter based on sight size, and then enter programming interface



③Add text, video, GIF, clock, weather and container media, edit window size and interface properties on the left, and click Save Container Media Description: Multiple videos, pictures and text programs can be added to the container media and played in sequence



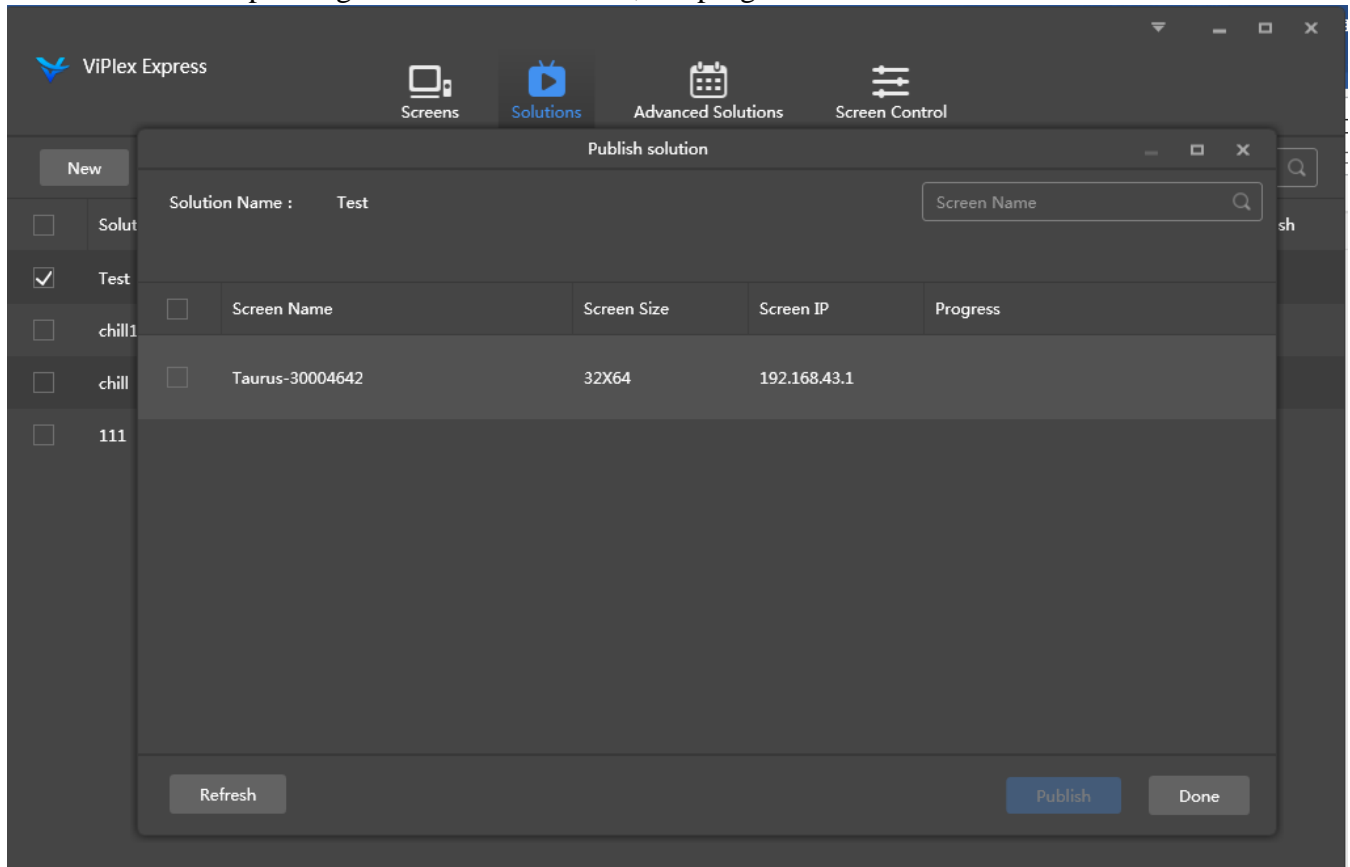
Return to the superior interface, select the corresponding program, click publish.

The screenshot shows the ViPlex Express application window. The title bar reads "ViPlex Express". The main menu includes "Screens", "Solutions" (which is highlighted), "Advanced Solutions", and "Screen Control". Below the menu is a toolbar with buttons for "New", "Edit", "Delete", "Import", "Export", and "Publish", along with a search box. The central area contains a table with the following data:

| <input type="checkbox"/> | Solution Name ↕ | Screen Size ↕ | File Size ↕ | Last Modified ↕     | Export | Publish |
|--------------------------|-----------------|---------------|-------------|---------------------|--------|---------|
| <input type="checkbox"/> | Test            | 512x512       | 0B          | 2018-10-11 15:36:42 |        |         |
| <input type="checkbox"/> | chill1          | 512x512       | 0B          | 2018-10-11 15:36:10 |        |         |
| <input type="checkbox"/> | chill           | 512x512       | 0B          | 2018-10-11 09:43:20 |        |         |
| <input type="checkbox"/> | 111             | 512x512       | 858KB       | 2018-09-11 13:37:45 |        |         |

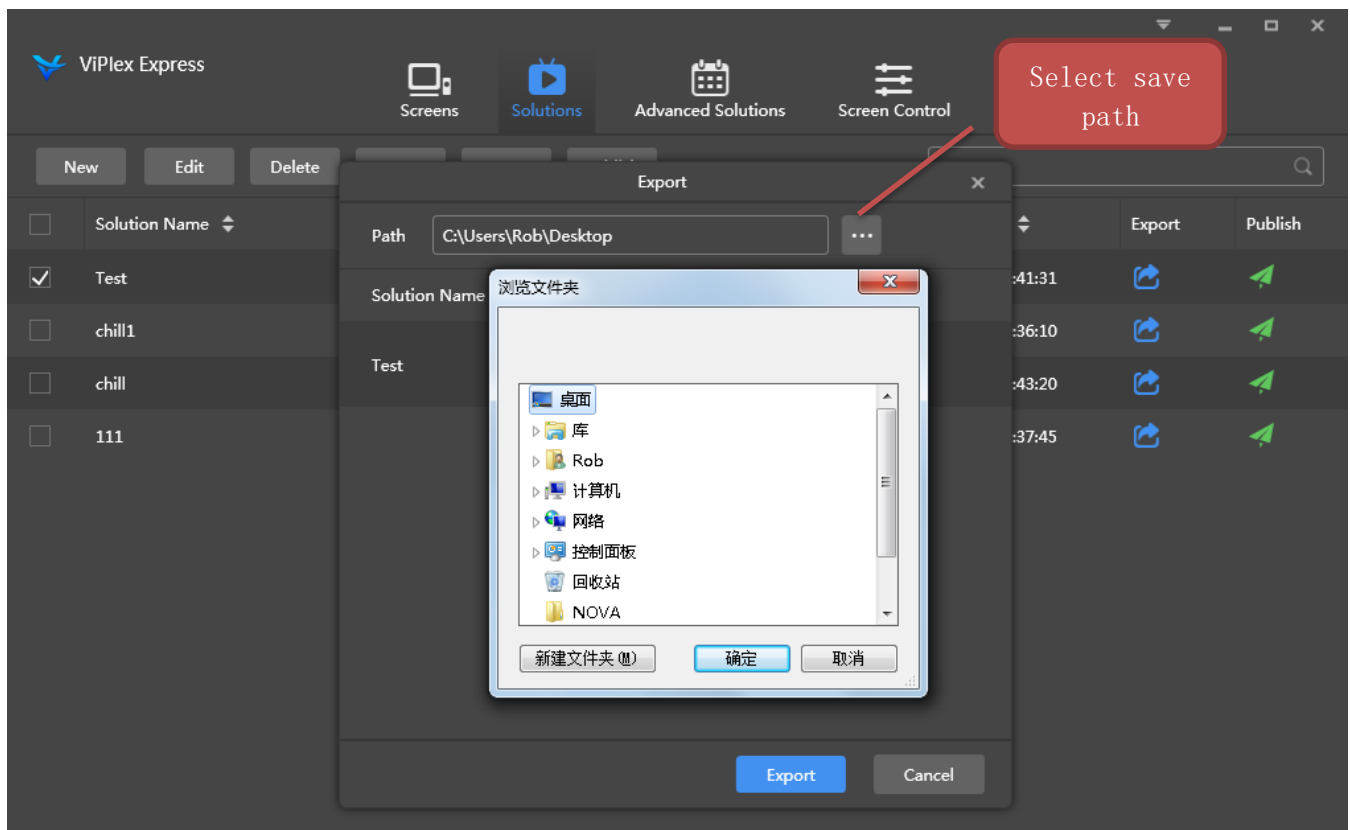
At the bottom left of the window, the text "Network:Connect" is visible.

Select the corresponding terminal click release, the program can be released to the terminal.

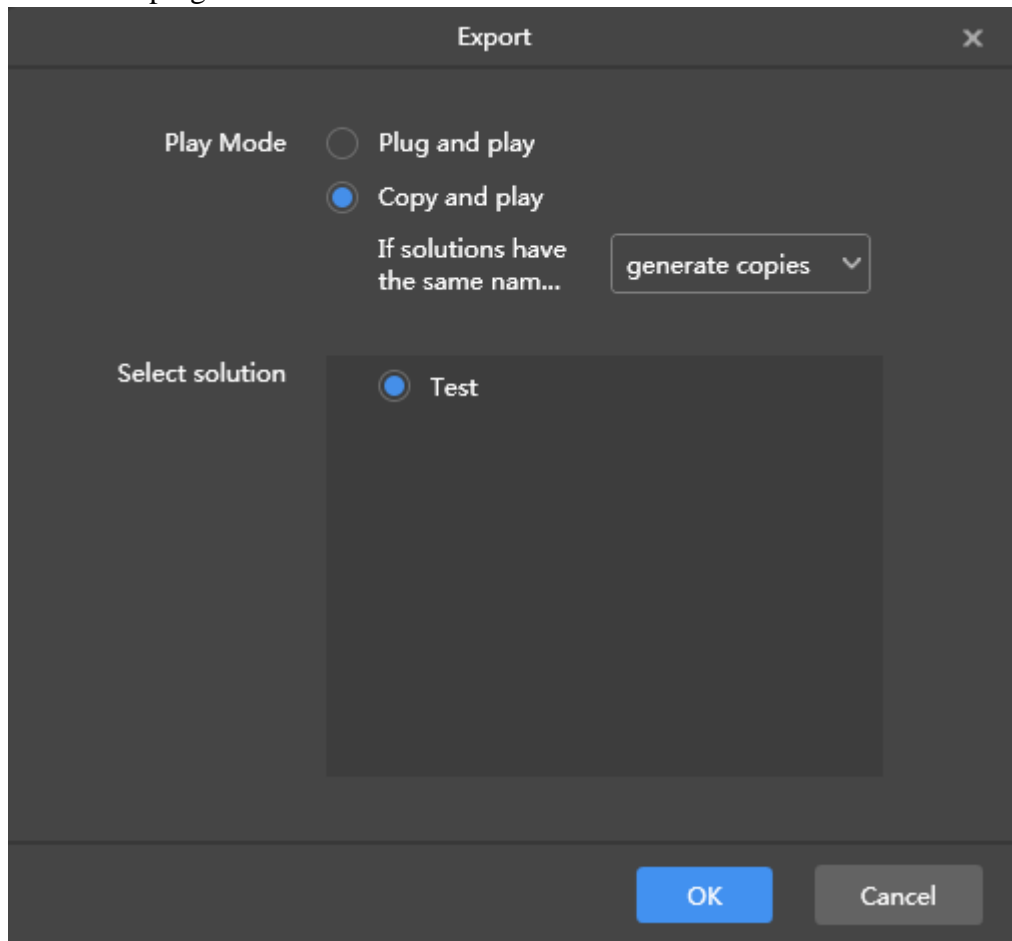


## 2 U disk export and send

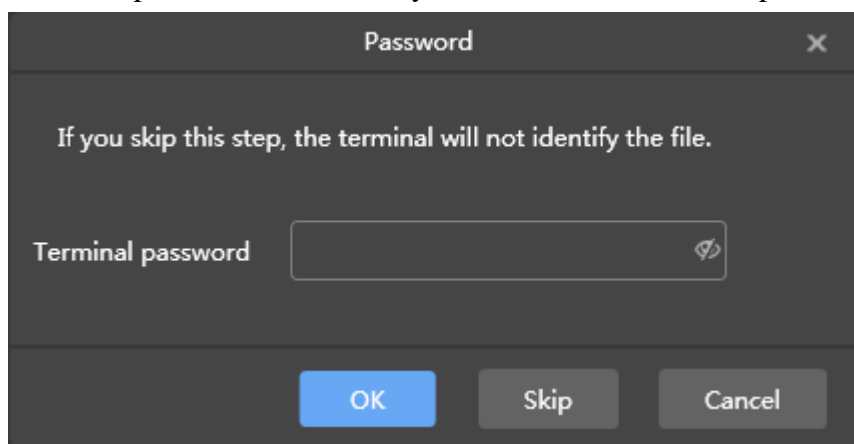
U disk export program, select the corresponding program, click export,



Choose play mode, Plug and play: insert U disk to play, pull out U disk and end play.  
Copy Play: Copy the program to the device and play it. Create a copy to represent the program and the last program exist at the same time, but broadcast this program, cover represents the program will be replaced last program.



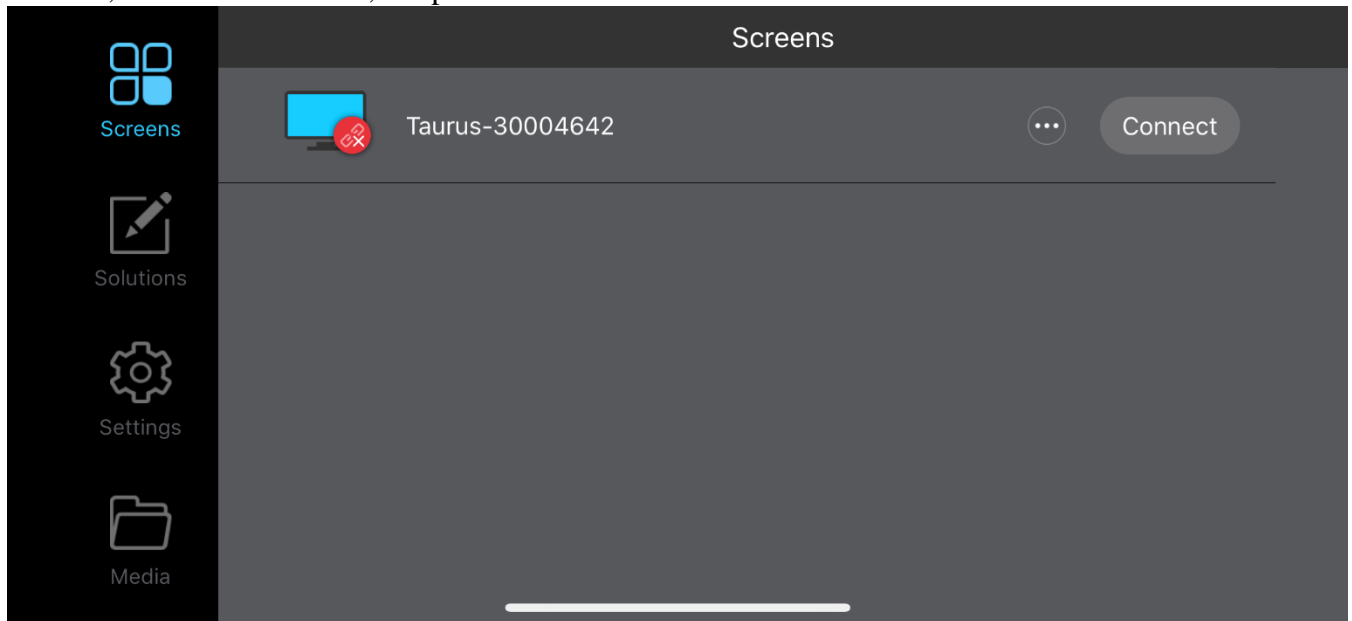
The input terminal password is 123456 by default. Click OK to complete the export.



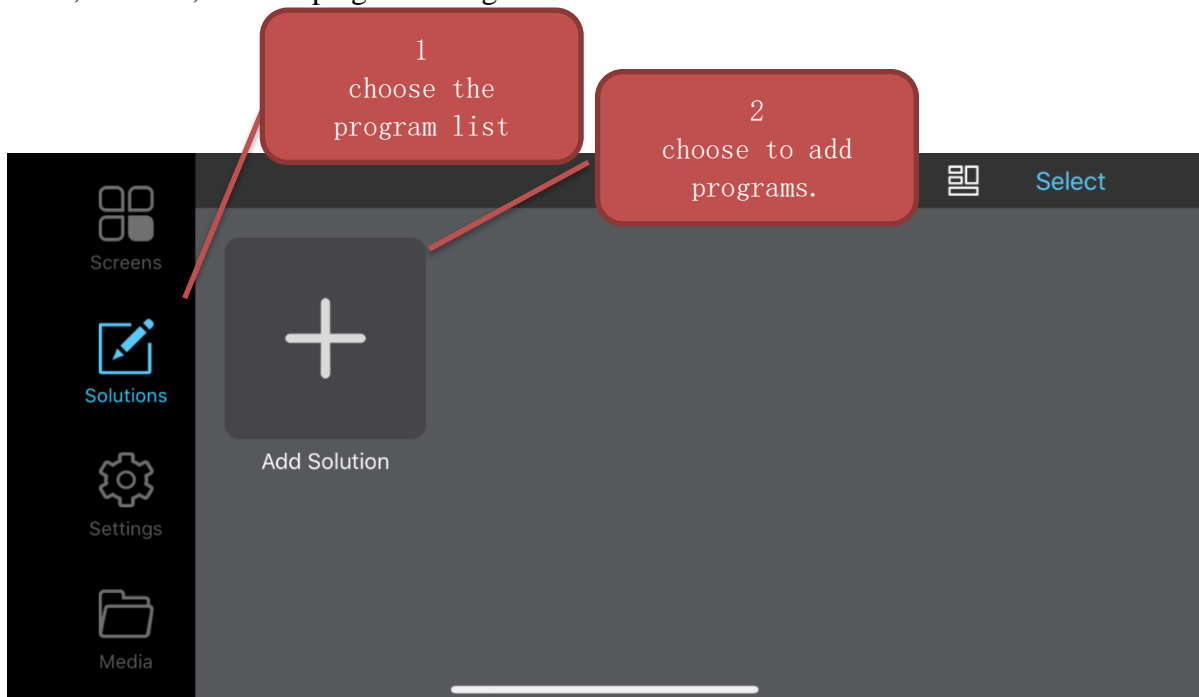
After exporting, insert the U disk into the device and play it.

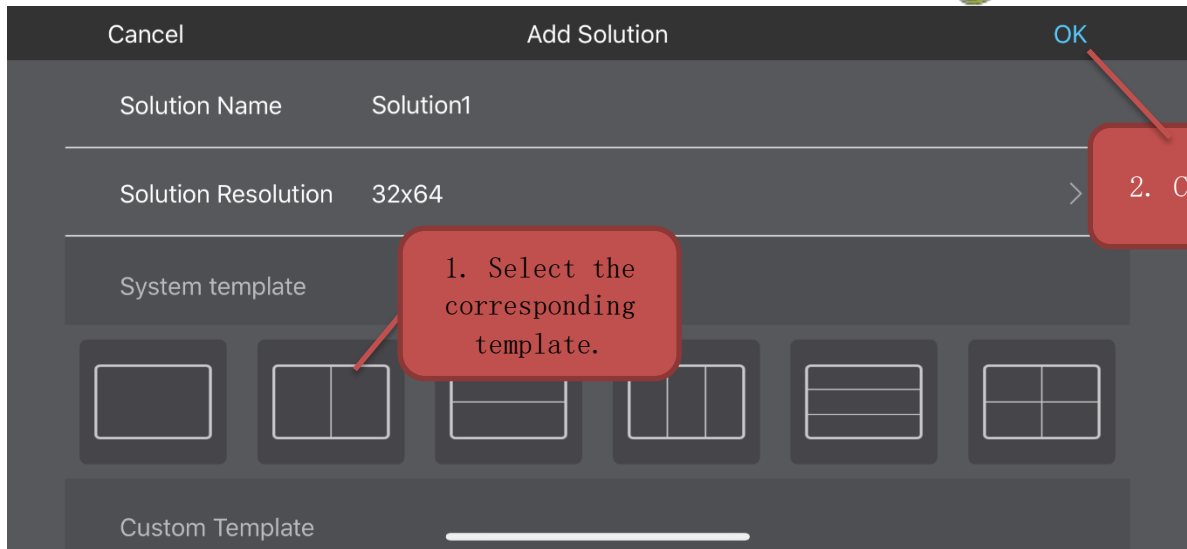
### 3. mobile APP sends programs (Viplex Handy)

The mobile phone connects to WiFi, clicks the mobile client Viplex handy, selects the terminal to connect, username."Admin", the password "123456".



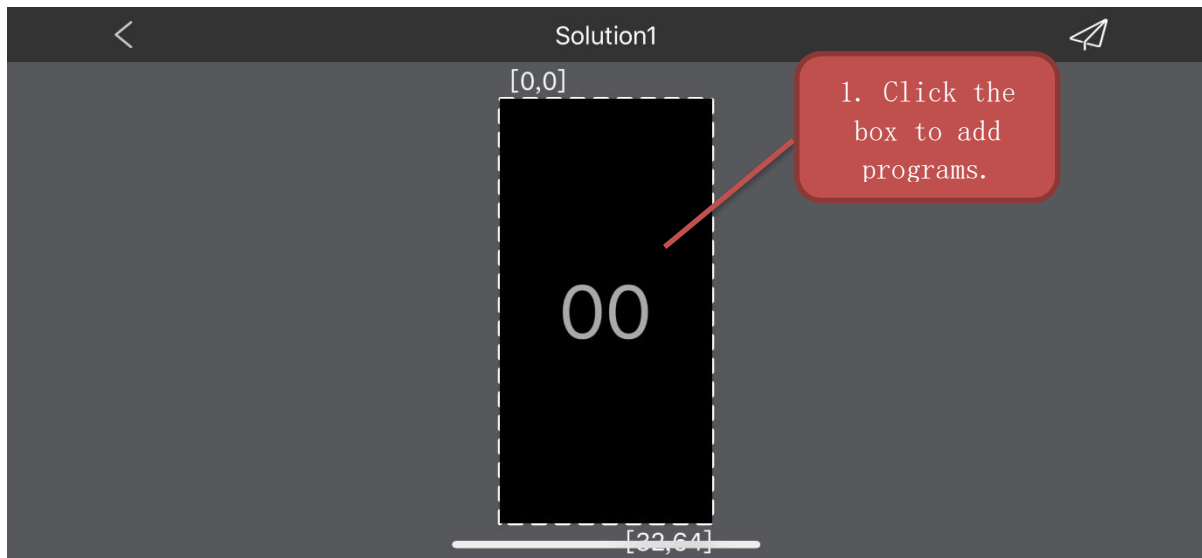
Select the program list, click Add Program, select the corresponding template according to the needs, click OK, enter the program editing interface



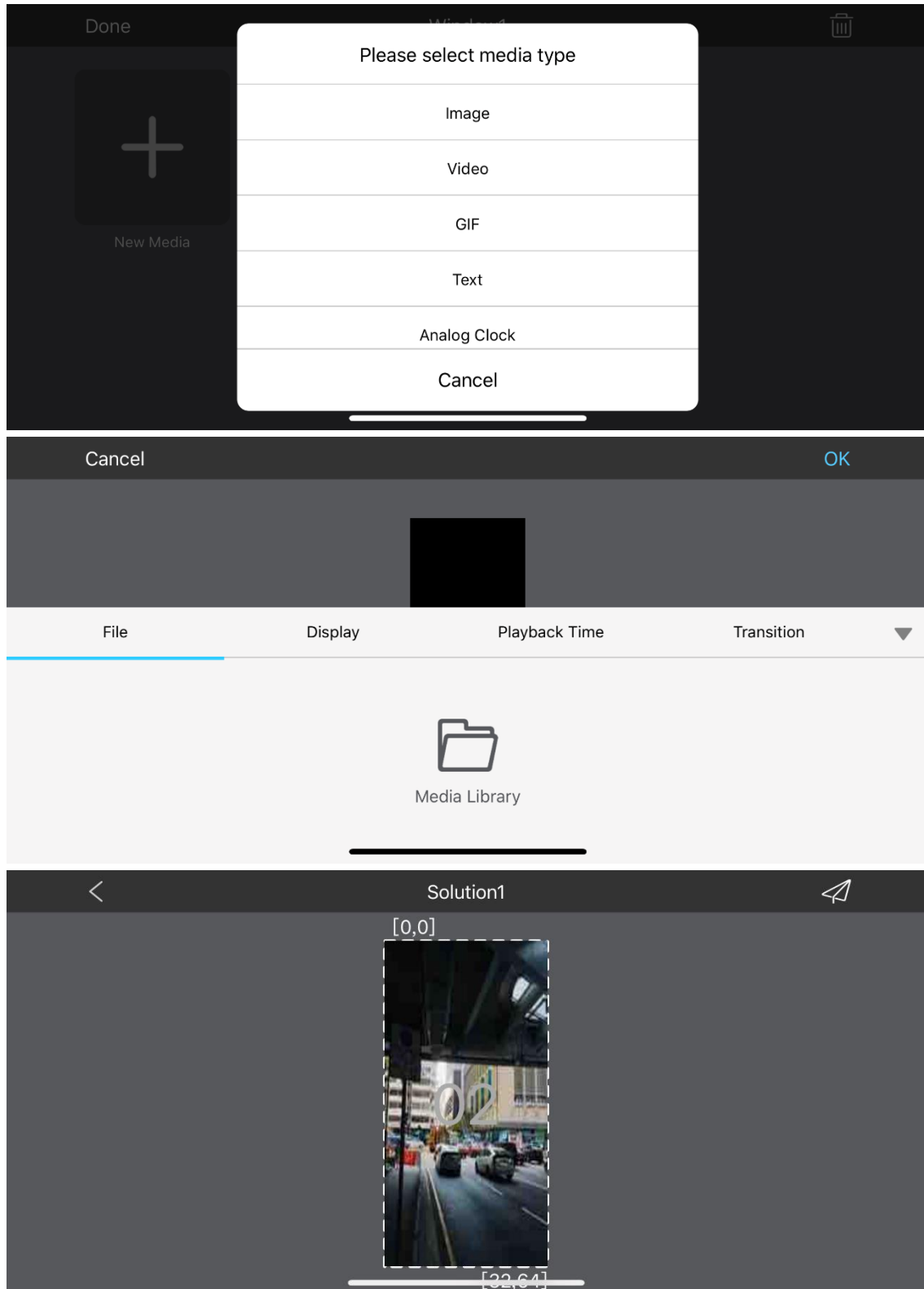




Click the box to add programs.



Click on the file, select from the media library, you can modify the display effect, play time, play special effects, etc., after the completion of editing Click To determine the completion of the program production



On the program list interface, the edited program can be sent again.

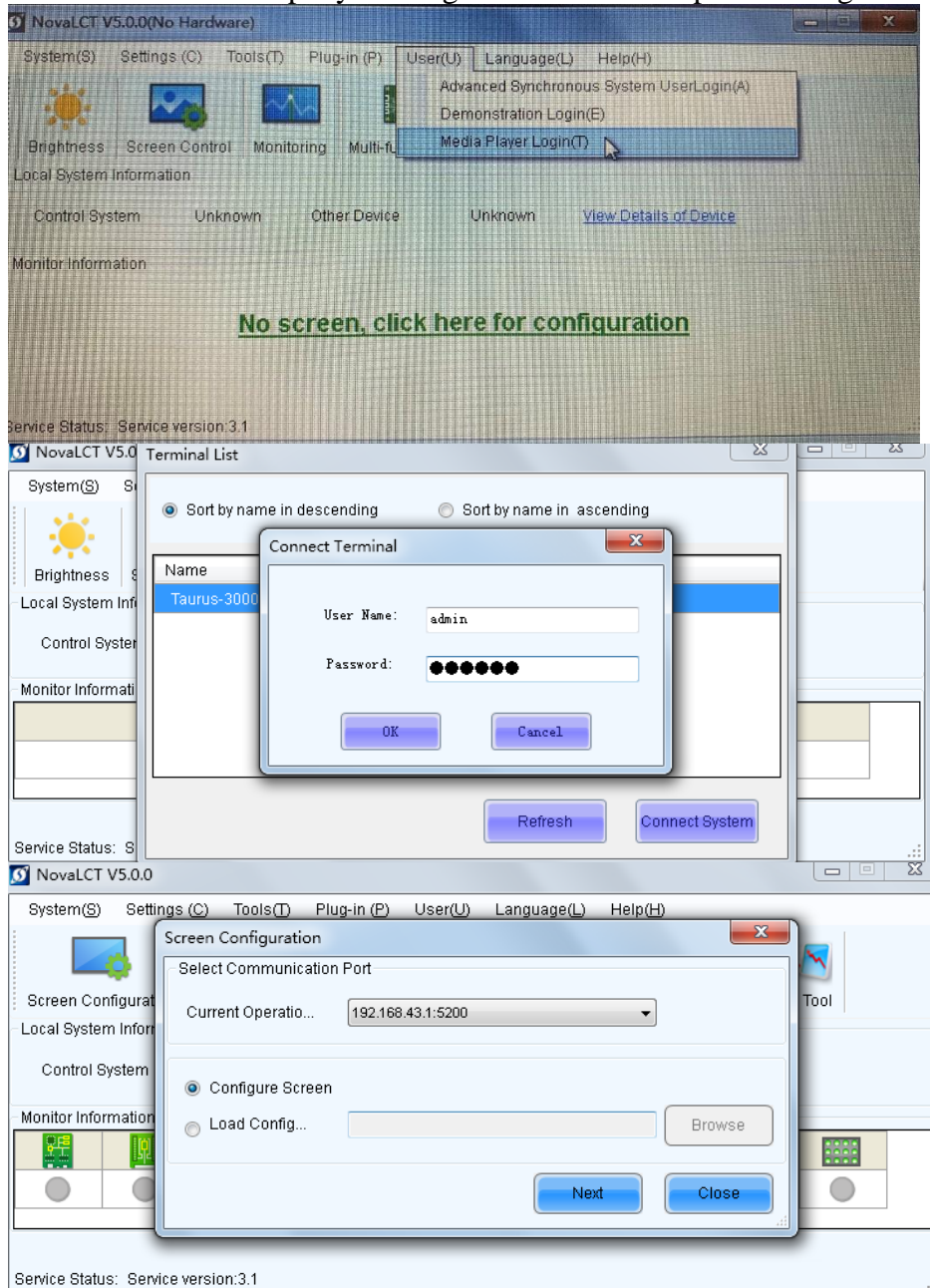


## Configuration

( Software NovaLCT-Mars 5.0, the same as synchronous debugging steps, computer and device in WIFI connection or direct network connection can be debugged)

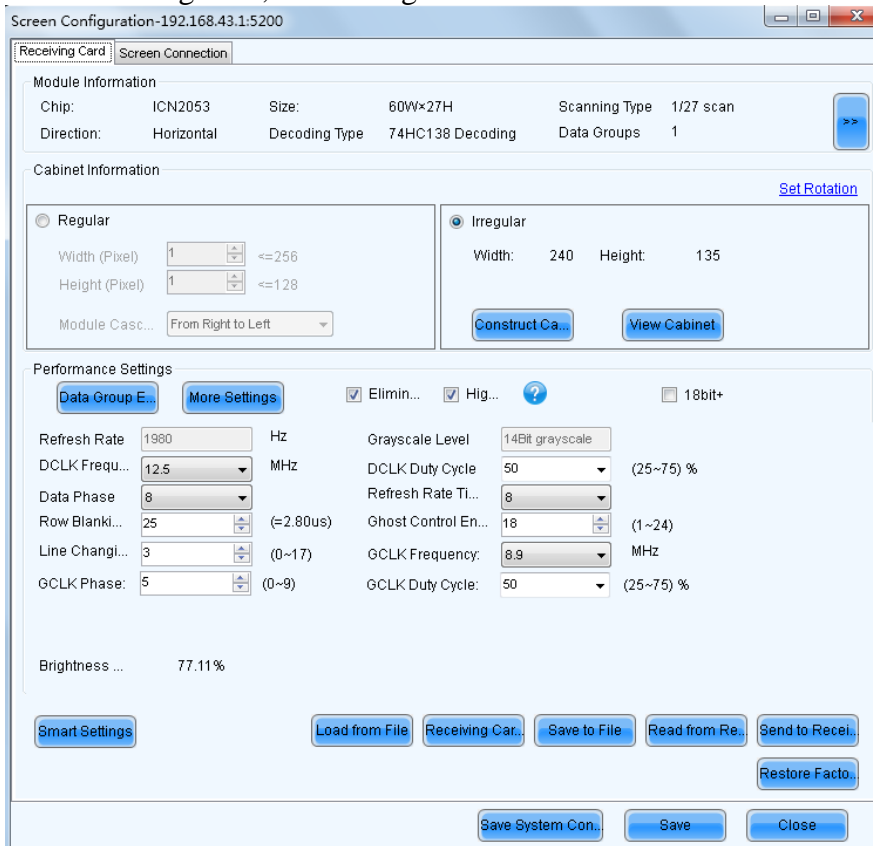
### Parameter adjustment of receiving card

Open the MARS 5.0 debugging software-user-media player login-select system for connection-display configuration Next step - receiving card interface



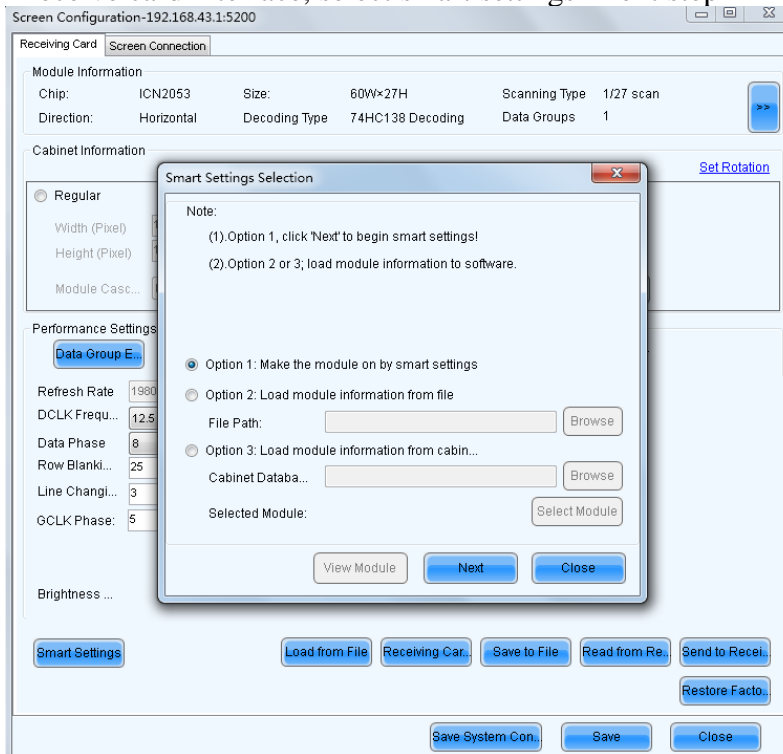
a Loading configuration files to light up

Loading files from files, choosing to load files, modifying the size of receiving cards, sending them to receiving cards, all receiving cards

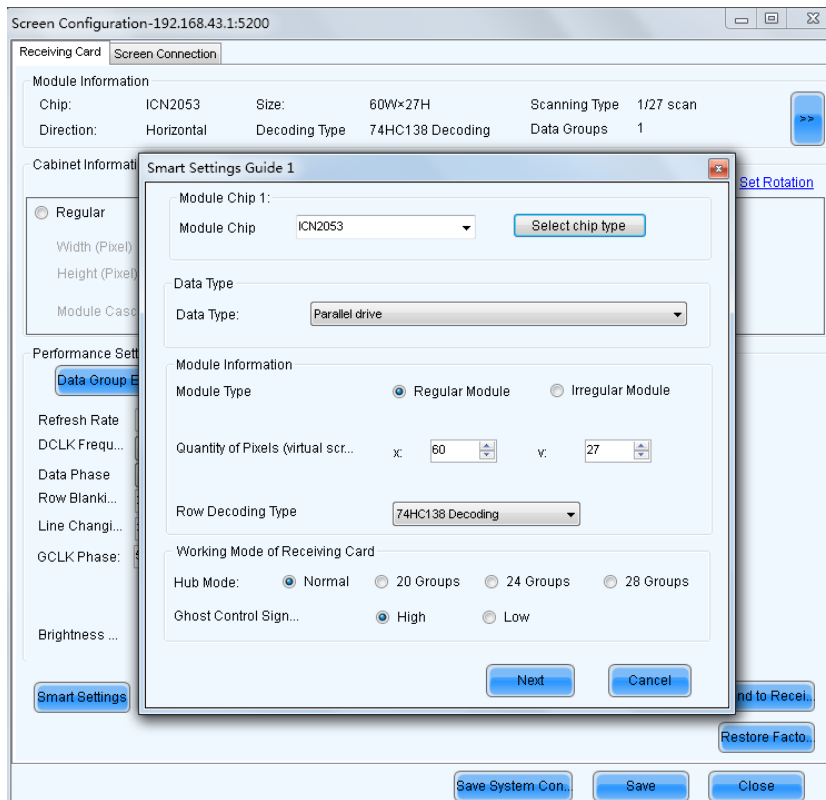


b Smart setting lights up

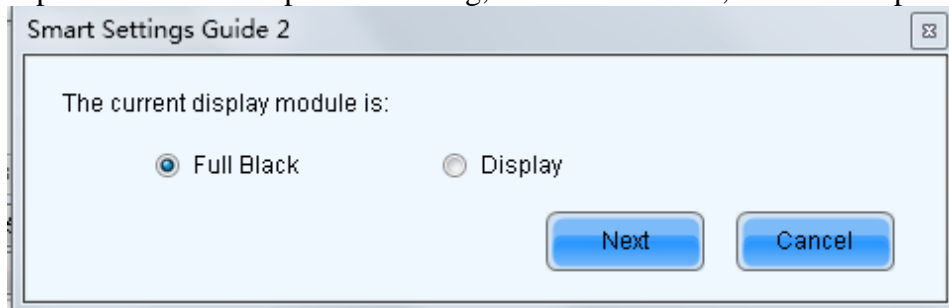
Receive card interface, select smart settings - next step



Select the corresponding chip, fill in the module specification, select the decoding mode, click next.



According to the lighting information on the lamp board in the software to choose, all black or show, see whether the color corresponds to the number of lines on the first light, the number of lines on the second light, according to the position of the flash point for tracing, Click to determine, Click to complete



Smart Settings Guide 3

Automatic switchin...     Manual switchin...

Please select the module color in each status:

1 Red A  
 2 Green  
 3 Blue  
 4 Red B or black

Next    Cancel

Look at the lights in turn and brighten the colors and make changes.

Smart Settings Guide 4

Lighted rows (or columns) on the module

Row     Column

Number of lighte... 1

Next    Cancel

Fill in the number of lights on the light board.

Smart Settings Guide 5

Lighted rows (or columns) on the module

Quantity ... 1

Next    Cancel

Fill in the number of lights on the light board.

Smart Settings Guide 9

Prompt: Observe the bright spots on the current module, click the grids at the corresponding position: go back to the previous step or select "resetting" to start again if clicking the incorrect grids.

Automatic Generation    Cancel    Clear

1    2

1

2    A

Next    Cancel

According to the flash point of the lamp board, point the points in sequence.

Modify the size of the receiving card, adjust the parameters (generally the refresh rate is high, shift clock frequency is high), send to the receiving card, all receiving cards, complete the receiving card parameter configuration.

Screen Configuration-192.168.43.1:5200

Receiving Card | Screen Connection

**Module Information**

|            |            |               |                  |               |        |
|------------|------------|---------------|------------------|---------------|--------|
| Chip:      | ICN2053    | Size:         | 2W×2H            | Scanning Type | Static |
| Direction: | Horizontal | Decoding Type | 74HC138 Decoding | Data Groups   | 2      |

[>>](#)

**Cabinet Information** [Set Rotation](#)

Regular

Width (Pixel)  ≤12926

Height (Pixel)  ≤16

Module Casc...

Irregular

Width: ?? Height: ??

Loading error. Please try to adjust pe...

**Performance Settings**

Elim...  18bit+

|                |                                    |           |                     |  |
|----------------|------------------------------------|-----------|---------------------|--|
| Refresh Rate   | <input type="text" value="86340"/> | Hz        | Grayscale Level     | <input type="text" value="16Bit grayscale"/> |
| DCLK Frequ...  | <input type="text" value="12.5"/>  | MHz       | DCLK Duty Cycle     | <input type="text" value="50"/> (25~75) %    |
| Data Phase     | <input type="text" value="2"/>     |           | Refresh Rate Ti...  | <input type="text" value="8"/>               |
| Row Blanki...  | <input type="text" value="5"/>     | (=0.40us) | Ghost Control En... | <input type="text" value="4"/> (1~4)         |
| Line Changi... | <input type="text" value="3"/>     | (0~3)     | GCLK Frequency:     | <input type="text" value="12.5"/> MHz        |
| GCLK Phase:    | <input type="text" value="5"/>     | (0~9)     | GCLK Duty Cycle:    | <input type="text" value="50"/> (25~75) %    |

Brightness ...



## 2 display connection adjustment

First, set the number of receiving card rows and the number of receiving cards, and modify the size of the receiving card.

Face up to the screen for connection, with a separate set of different receiving cards, click send to the hardware, complete the screen connection.

