onbon 仰邦科技

全系列LED控制器制造商 | LED应用系统专家

LedshowTW software

User Manual

⚠ Before you use the LED controller, please read this file first and save it for future.

We will struggle and serve for the booming development of LED industry!

LedshowTW 2017

Statement

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The specifications and information which are mentioned on the file is for reference only, if there’ s update, we will not inform you. This file is only for guidance, and all information will not be for any promises.

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Brief Introduction

Thanks for ordering LED controller. The design of the player is according to the international and industrial standard, but if the operations are incorrect, it will probably bring you personal injury and financial harm. As to avoid these and win more from your equipment, please obey the specifications of this file.

Description

LedshowTW 2017support pictures, text, subtitle, time ,lunar ,dial ,table ,database ,sensor areas .support dynamic preview ,easy to check and edit the program.support brightness ,volume,power on&off ,support direct link,fixed IP,server mode ,USB communication mode ,WIFI mode !Please select the correct mode u need.

LedshowTW2017 support simplified Chinese, traditional Chinese, English, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish, Portuguese, Vietnamese, the Kazakh, Croatian, Turkish, total of 16 kinds of languages.

Operating Environment

LedshowTW2017 Support Windows XP、 Vista、 Windows 7、 Windows 8、 Windows10 etc.

INSTALL AND UNINSTALL

1. Software Installation

1. Open the software，double click LedshowTW 2017，select the installation language and click OK.

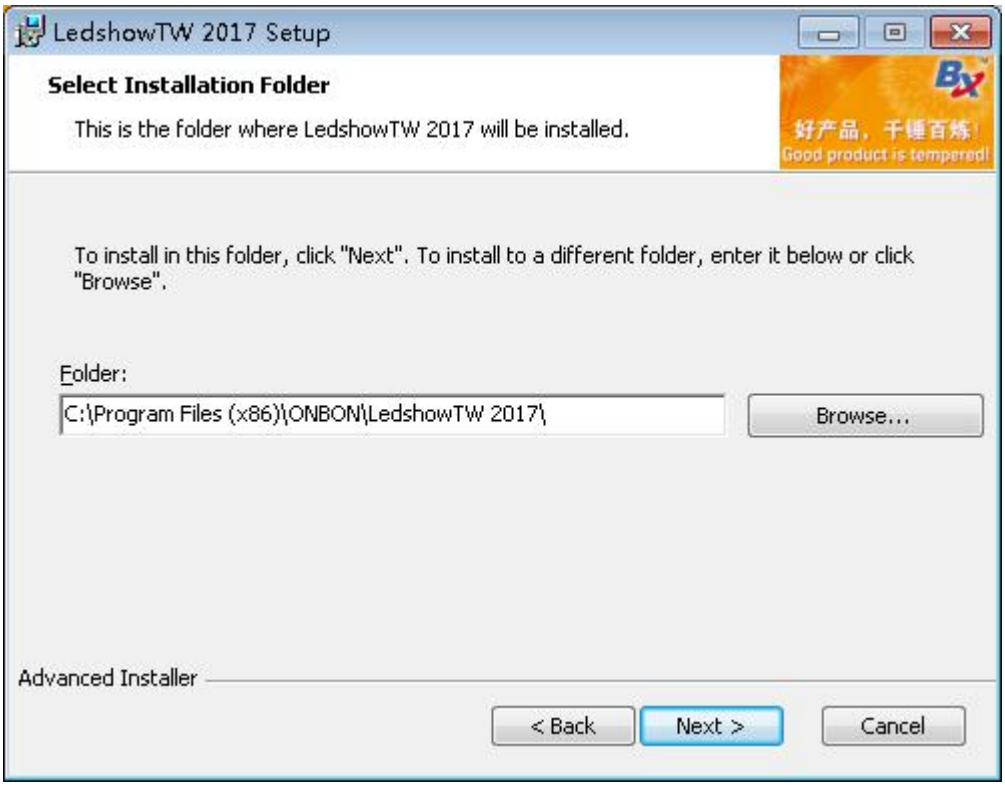
1)

Picture 1

2. Enter into installing guide. Select the destination location and Click “Next”.

2)

Picture 2



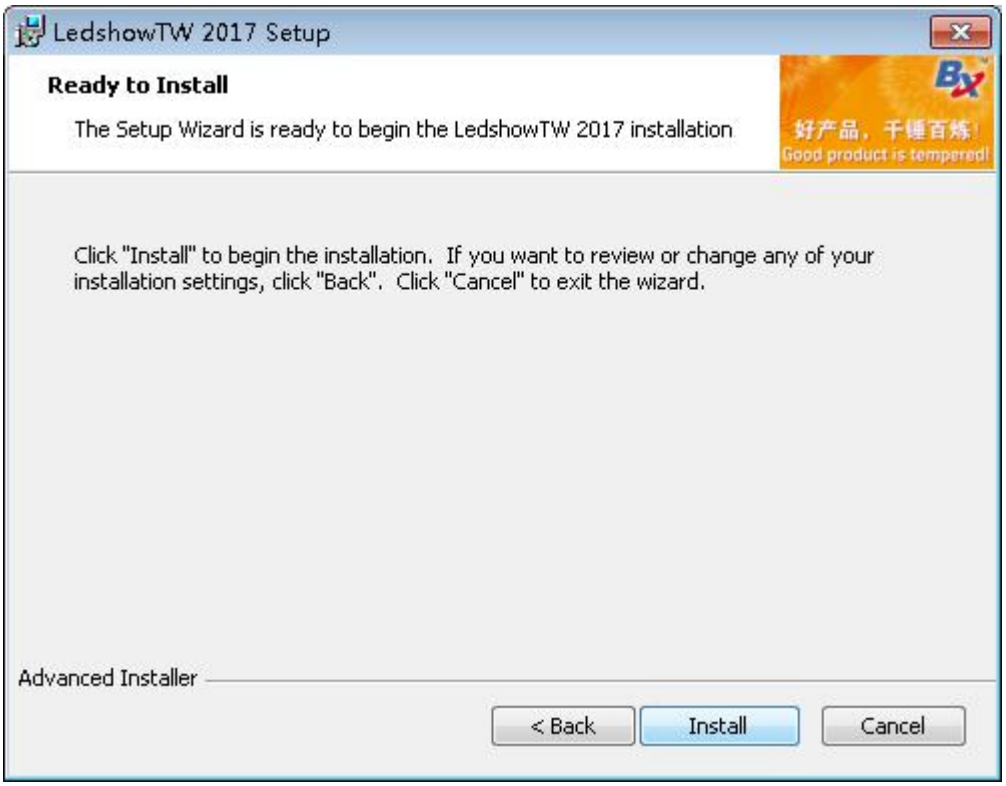
Picture 3

Notice ：

If u want to install to “D” disk ,just change the “C” to “D” is OK!

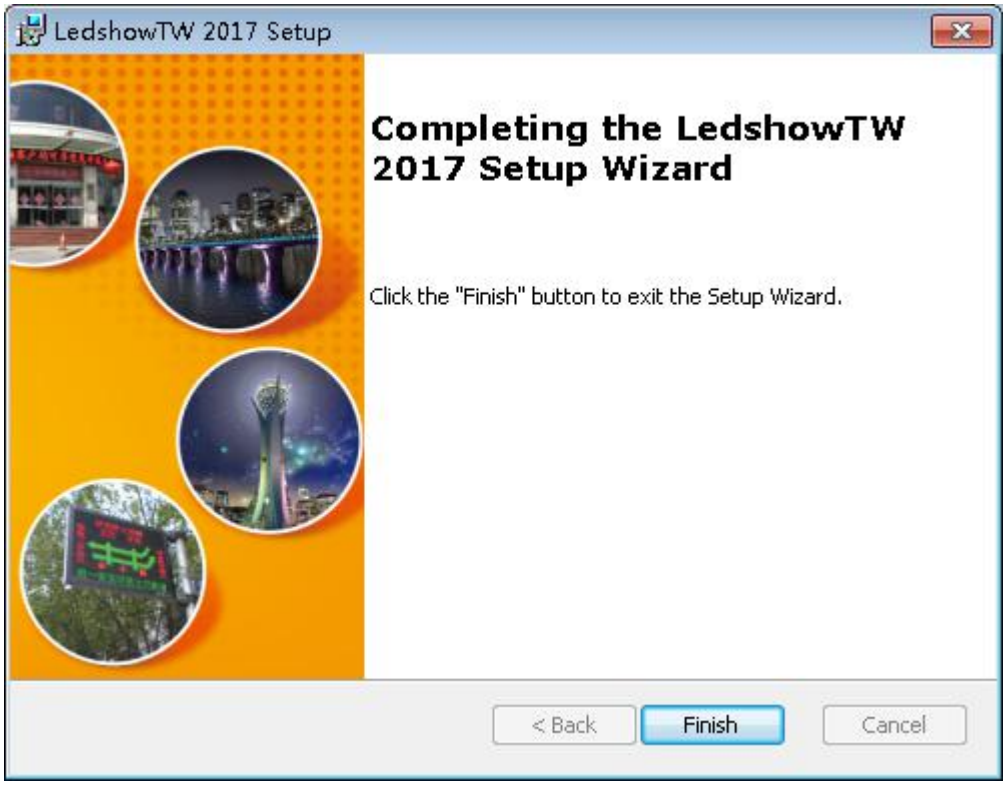
If want to “browse” then select the folder ,please remember must select the folder name .

Select the installation folder click “install”.



Picture 4

3) After finish the LedshowTW installation,click “finish”.



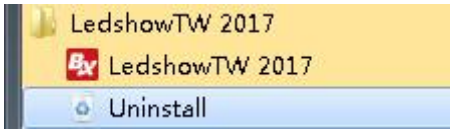
Picture 5

After installation,the Icon

will display on PC desk,double click it to open software.

2. Uninstall the software

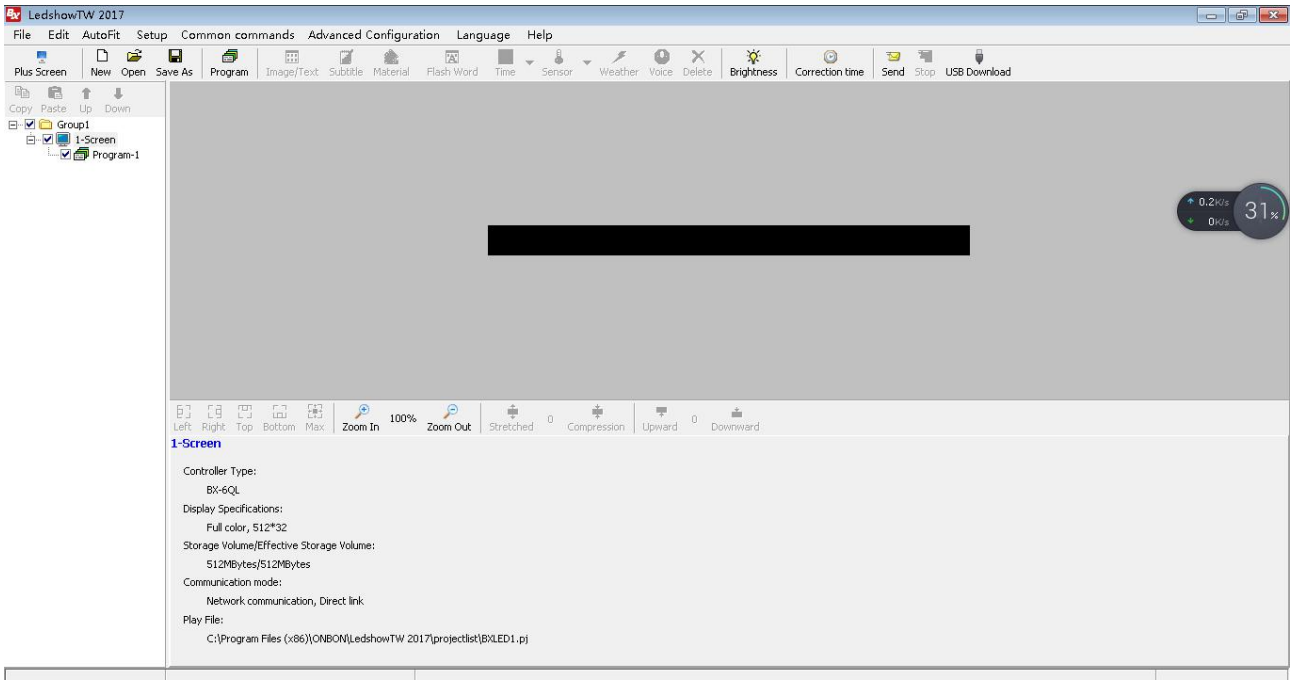
Software support automatically uninstall, in the computer" start" --" all program" --" LedshowTW2016" ,Click "Uninstall" to uninstall all file about "LEDshow TW 2017" ,also user can use "control panel" to uninstall the software "LedshowTW2017" .



Picture 6

Interface instruction

There is five parts about the software interface like in picture 7:



Picture 7

1. Menu

There are file,edit,common,setup,advanced,group ,language ,help function in this menu.

2. Previewer function

Preview area is the LED screen preview window on the computer.

3. Edit window

Edit window mainly for edit program parameters ,set program name,X value ,Y value ,width ,height,display effect ,run speed ,stay time and so on .

4. Program area

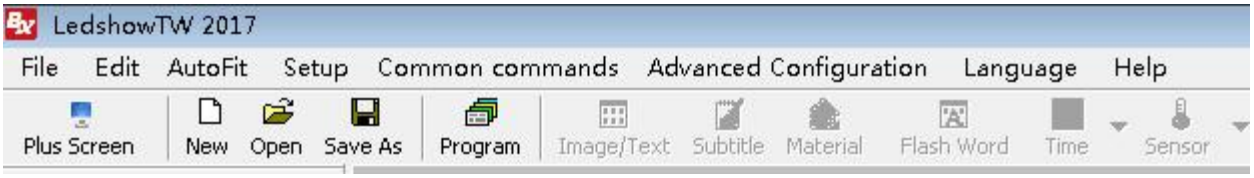
Program is for edit different text&image area ,subtitle area ,weather etc.

5. Major menu

User can add new program ,text ,subtitle ,time ,video ,weather ,sensor etc.

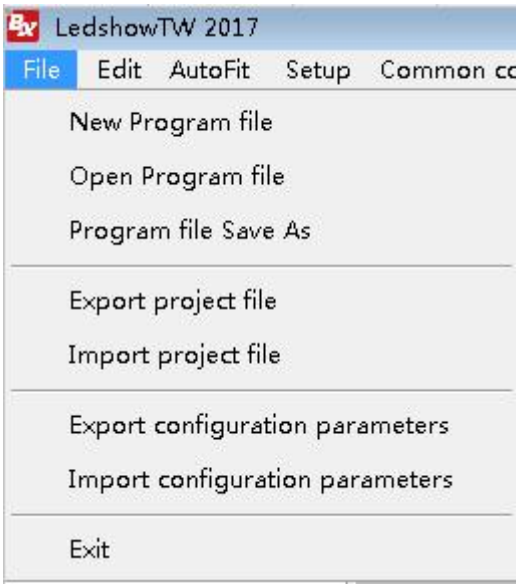
Menu and tools

1. Major menu



Picture 8

1) File



Picture 9

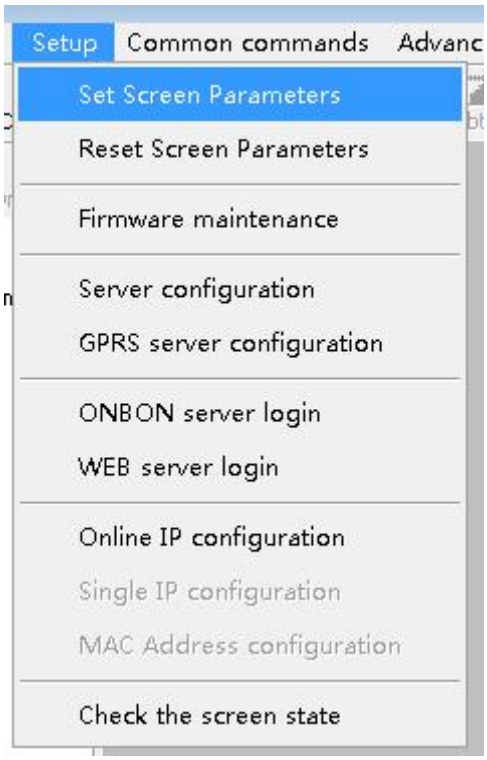
In this file ,user can add new program ,open ,save as ,save ,export and import the screen parameters.

2) Edit menu

Picture 10

In this file user can copy,paste ,delete,lock program ,unlock program,add program ,add picture zone ,add subtitle zone,add weather zone,add video zone ,add date ,time zone ,add dial zone,add timer zone,add lunar zone,add sensor zone and database zone function and so on.

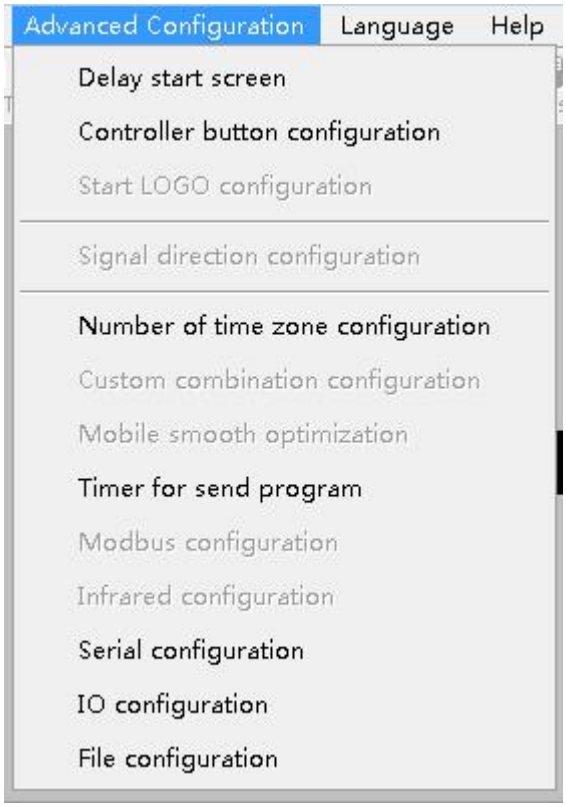
3) Setup



Picture 12

- ✧ Set screen parameter：including controller model,screen width,height ,IP address and so on
- ✧ Reset screen parameters：according to the screen parameters to reset the controller parameters
- ✧ Check the screen state：check the controller state
- ✧ Online IP configuration：Set the online controller IP
- ✧ Single IP configuration：set the controller IP in LAN
- ✧ MAC configuration ：after set as single IP configuration ,then set the MAC
- ✧ Firmware maintenance ：update the controller firmware,FPGA firmware,receiving card firmware or the multi function firmware update .
- ✧ Server configuration：set server port ,power on and power off the server.

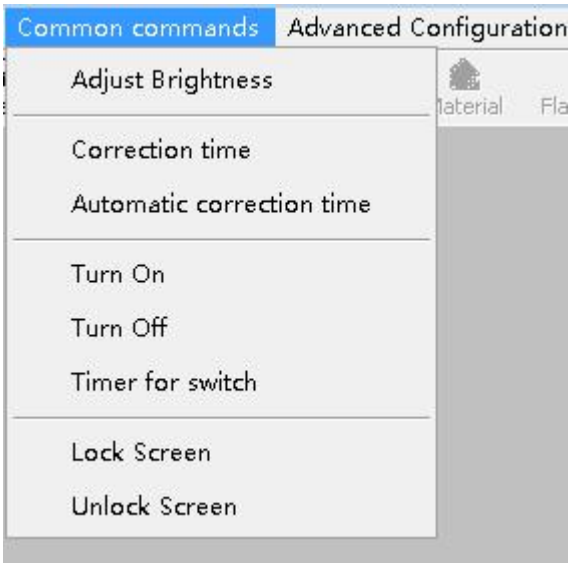
4) Advanced



Picture 13

This function including:entry screen,bulletin manage,Log manage,start LOGO configuration ,screen Debug,set IP display flag ,set output type ,set time zone server and other operations.

5) Common commands



Picture 14

This function including :Adjust brightness ,Correction time parameter,volume,brightness ,correction time ,power on&off ,time for switch

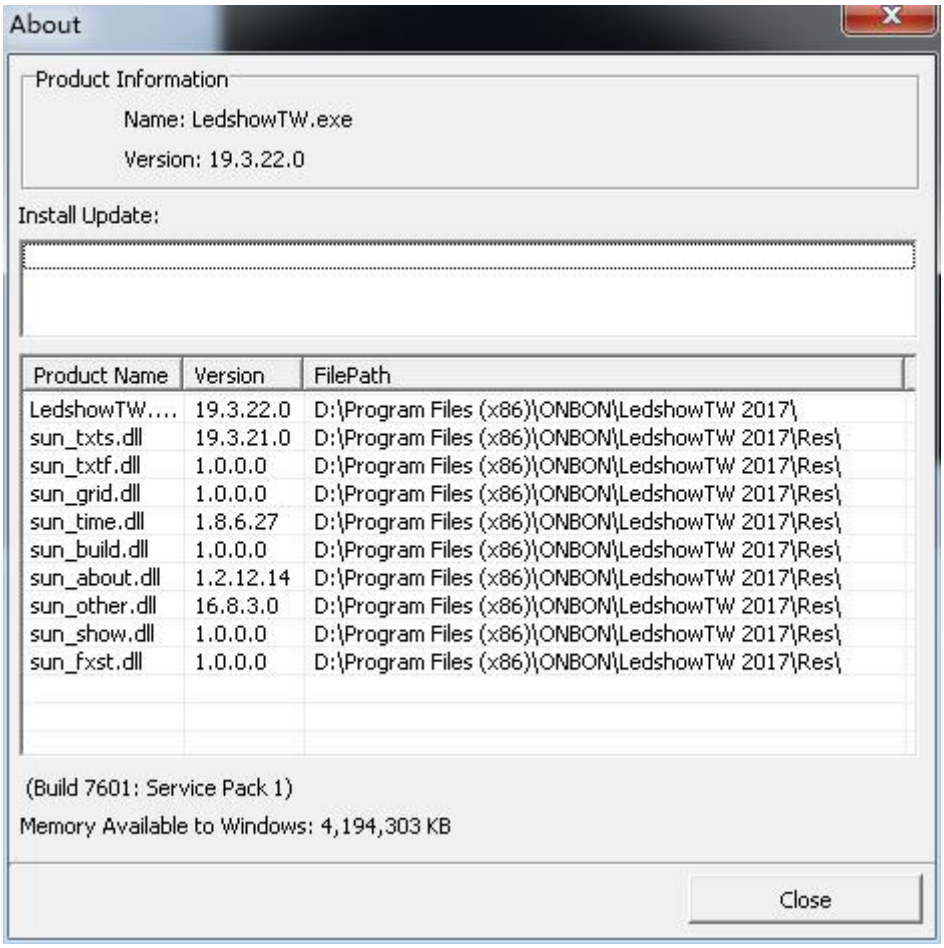
6) Language

Picture 15

LedshowTW support simplified Chinese, traditional Chinese, English, Korean, Japanese, French, Russian, Thai, Arabic, German, Spanish, Portuguese, Vietnamese, the Kazakh, Croatian, Turkish, total of 16 kinds of languages.

7) Help

Click “about” to check the software version.



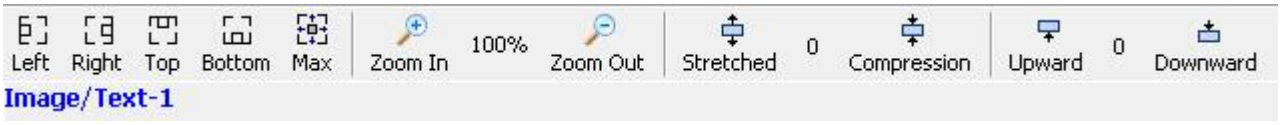
Picture 16

2. Major menu

For the major menu function is as shown in picture 17

Picture 17

Window tools

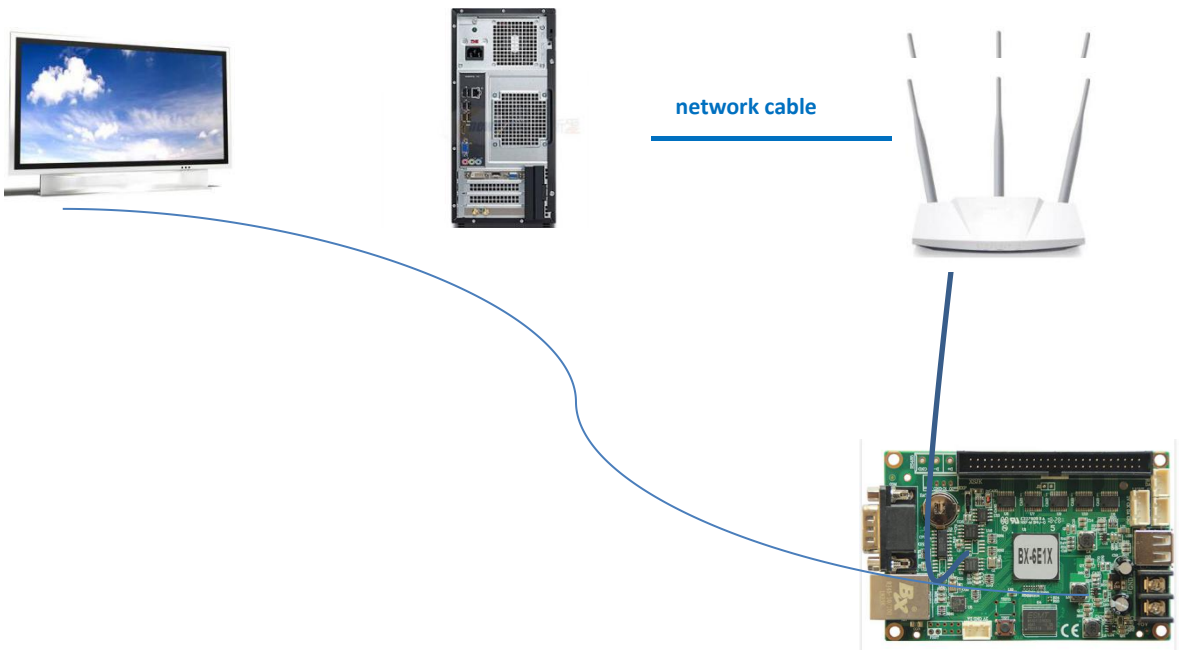


Picture18

BASIC SETUP

Connection Device

Now connect the computer with controller ,for example BX-6E1X controller:



Picture 19

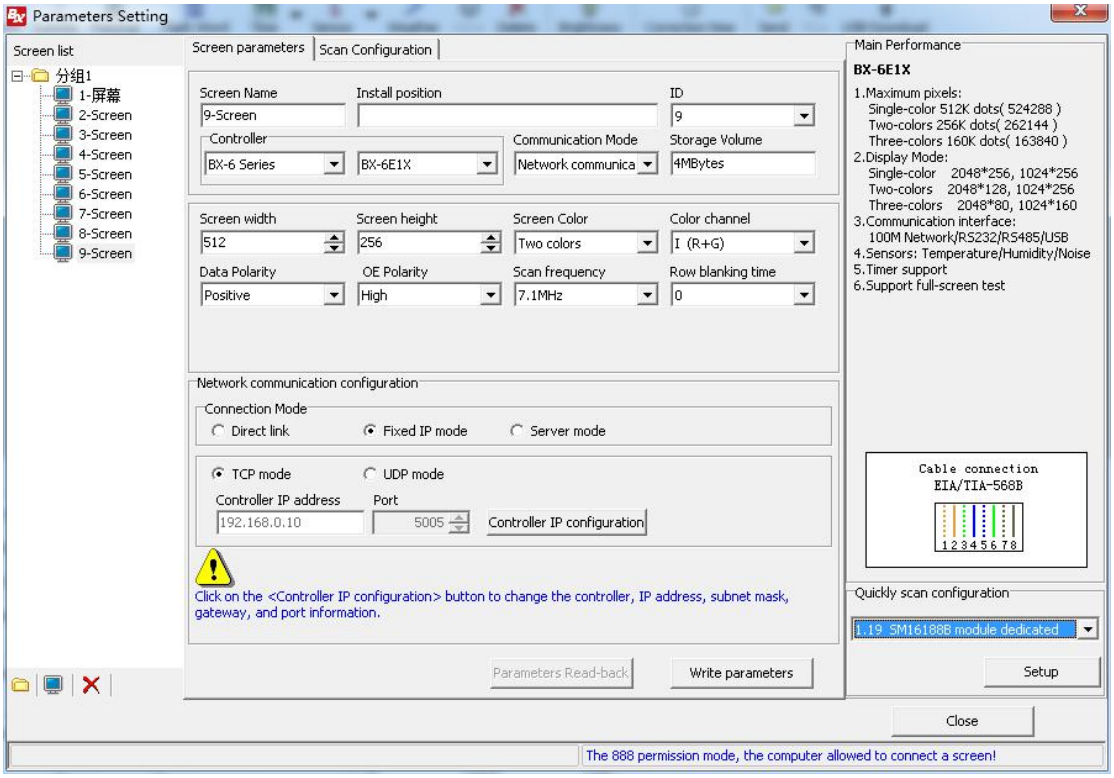
1. **Set Parameter**
2. Open "Ledshowtw2017", click "setup"--"set screen parameters"--password"888"---"add screen" as shown in picture 20.

Picture 20

Parameters Read back

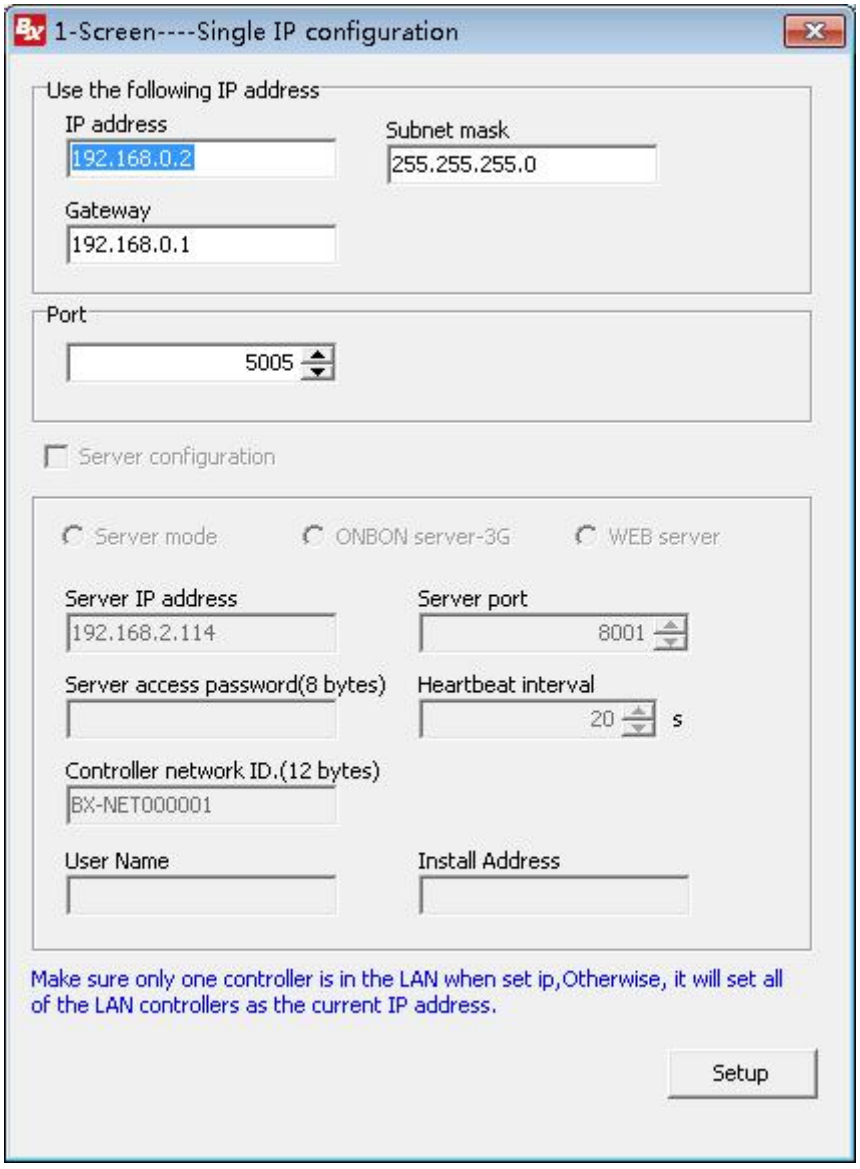
" Parameters read back "function is used for read back controller parameters ,if user use TW3AE setup the parameters ,but then change to other mode ,if user want to use the original

TW3AE,after controller connection ,in the “set screen parameters” click “Readback parameters” will be OK to set the BX-6M0 parameters.



IP configuration

Click” setup” ” Fixed IP mode” as shown in picture :



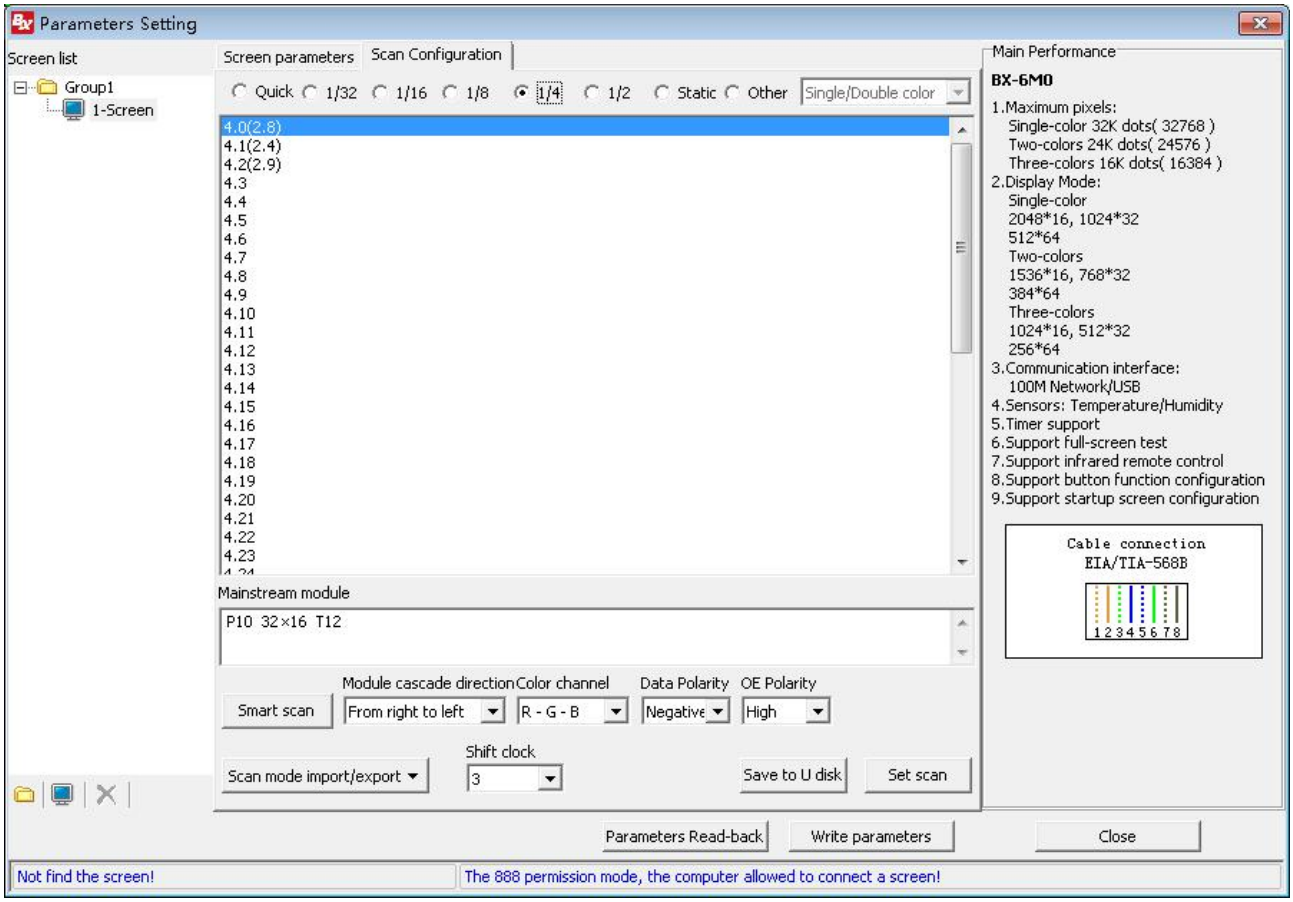
Picture 21

Set a ip for the controller , if use the PC directly link the controller , no need to set here ,use the default ip.

Then set the controller height and width according to the screen size， and other parameter .

Scan Configuration

In the “set screen parameters”--click “scan configuration” option ,then go to the scan configuration interface,as shown in picture ， user can set “scan mode””color channel””data polarity””OE polarity””chip model””smart scan configuration” and “scan mode export/import”.



Picture 22

1. Basic scan mode option:

- Scan mode：select the quick、1/32、1/16、1/8、1/4、1/2、static and other mode .indoor dual color usually is 1/16, indoor full color usually is 1/8 ， outdoor dual color normally is 1/8,outdoor full color normally is static scan mode.
- Screen ： can select the full color ,single/dual color
- Color channel：select the R-G-B、R-B-G、G-R-B、G-B-R、B-R-G、B-G-R。
- Data polarity：positive and negative polarity, if select the negative ,the screen will display anti-white.
- OE polarity：high polarity and low polarity.
- Chip model：LED driver chip ,default is common chip,user also can select the specified chip model.

2. Smart scan configuration

User can use smart scan configuration to set the scan mode if don’ t know which one is suitable for the module.

Step 1

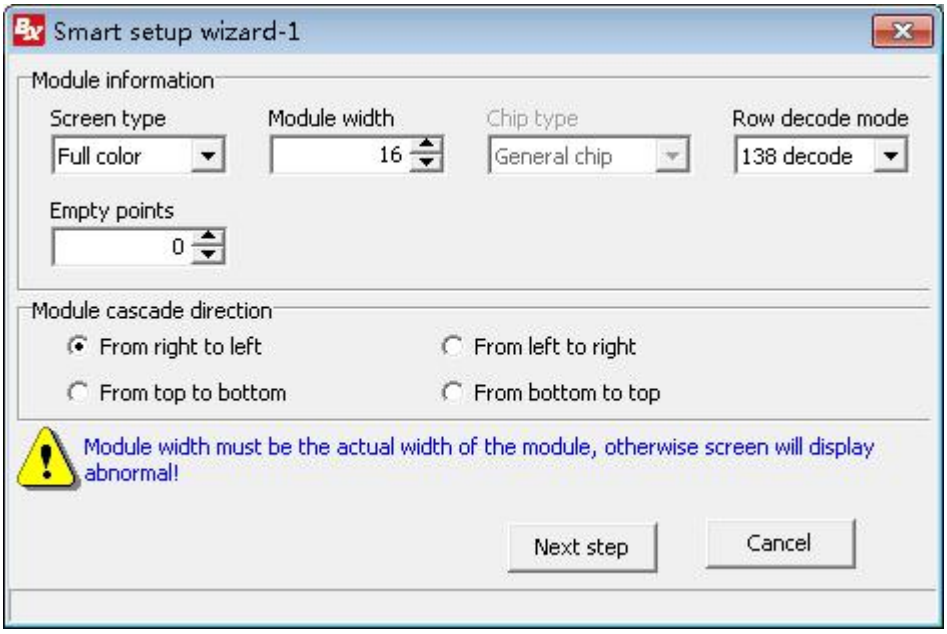
Click “smart scan configuration” --” smart setup wizard-1” to set the parameters.

- Screen type：single color dual color and full color
- Module width：user can input the module width according to the LED screen total pixel for

one line

- Chip type：default is general chip ,also can specified the LED screen chip.
- Row decode mode：including no decode, 138 decode,74HC595 decode and RT5958 decode，usually select138 decode.
- Empty points：when use empty points ,can input the empty points numbers.
- Module cascade direction:receiving card connection direction :from right to left ,from left to right,from top to bottom,from bottom to top.

After setup, pls click “next step”



Picture 23

Step 2

In the “smart setup wizard-2” to set the parameters as shown in the picture.

Picture 24

Click “1” ,check the LED screen display black or white ,then click the “2” ,then check the screen is black or white,if user want to check the screen variation ,can select the “staus automatically changes one time every 4 seconds ,observe the LED module in display state to choose right answer ” then click “next step”

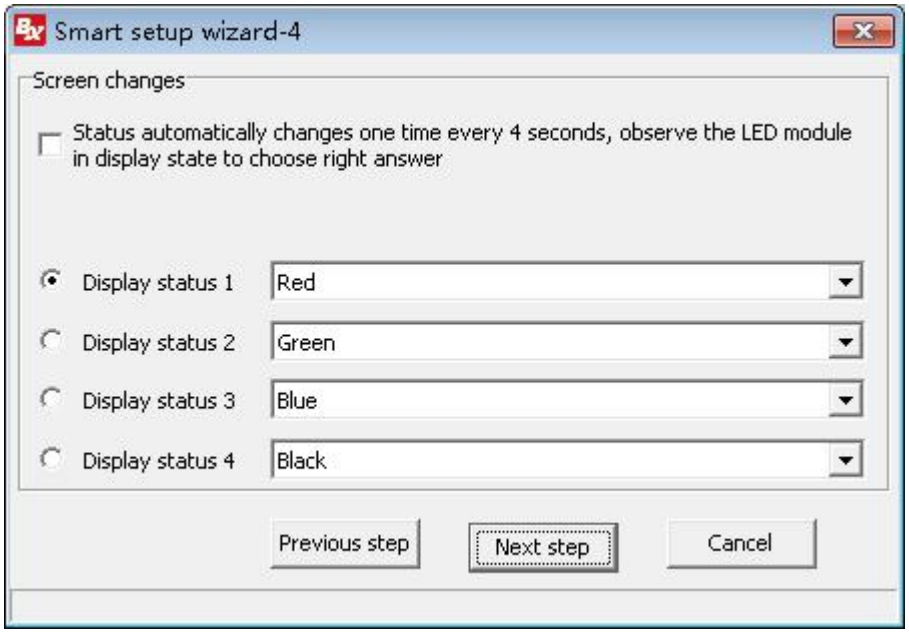
Step 3

Click “1” ,check the LED screen display black or white ,then click the “2” ,then check the screen is black or white,if user want to check the screen variation ,can select the “staus automatically changes one time every 4 seconds ,observe the LED module in display state to choose right answer ” then click “next step”

Picture 25

Step 4

Click “1” ,check the LED screen color ,then click the “2” to check the screen color,if user want to check the screen variation ,can select the “staus automatically changes one time every 4 seconds ,observe the LED module in display state to choose right answer ” then click “next step”



Picture 26

Step 5

Set the lights up number of rows ,then click the "next step"

Picture 27

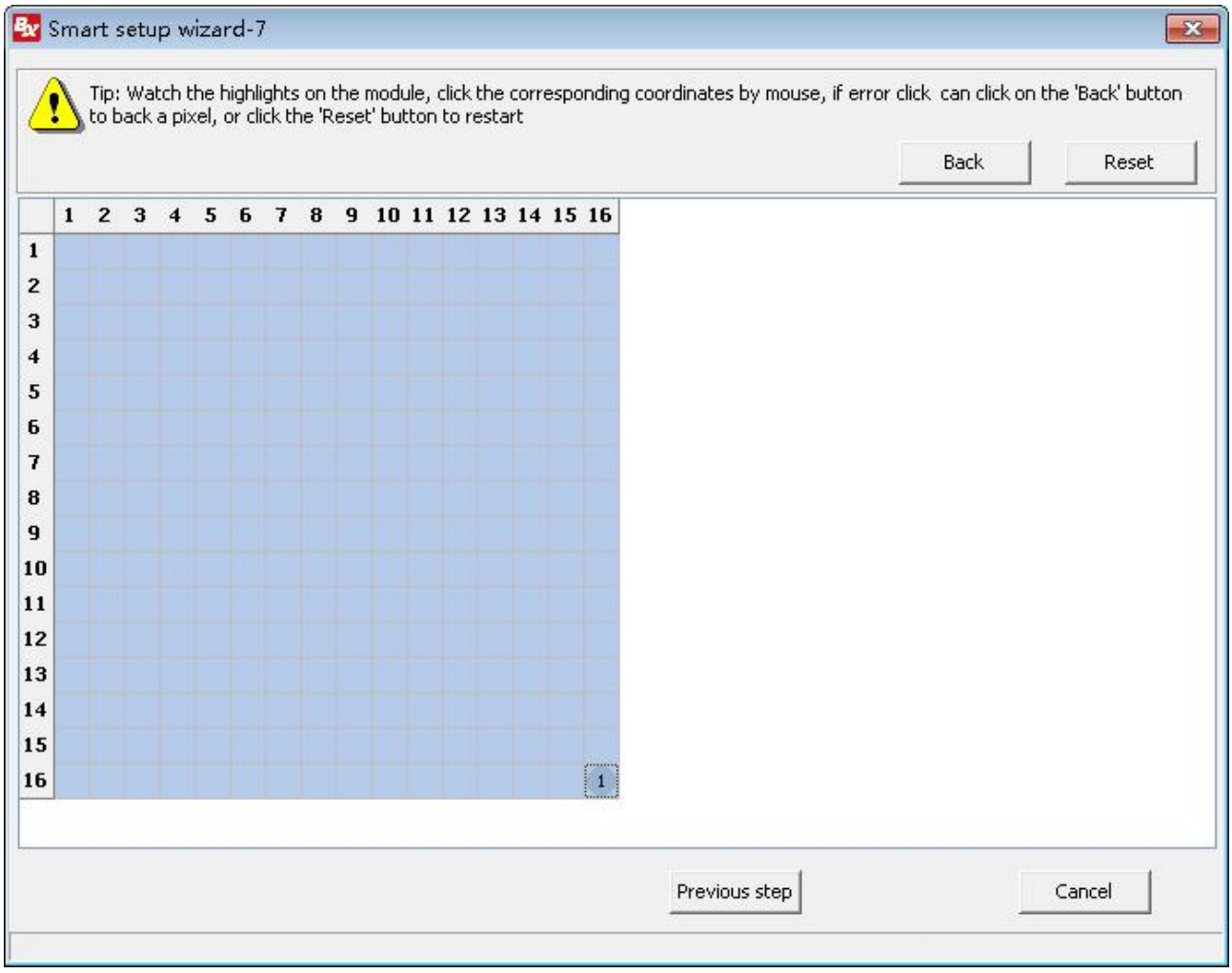
Step 6

Count the LED screen lights up the number of rows ,then click "next step"

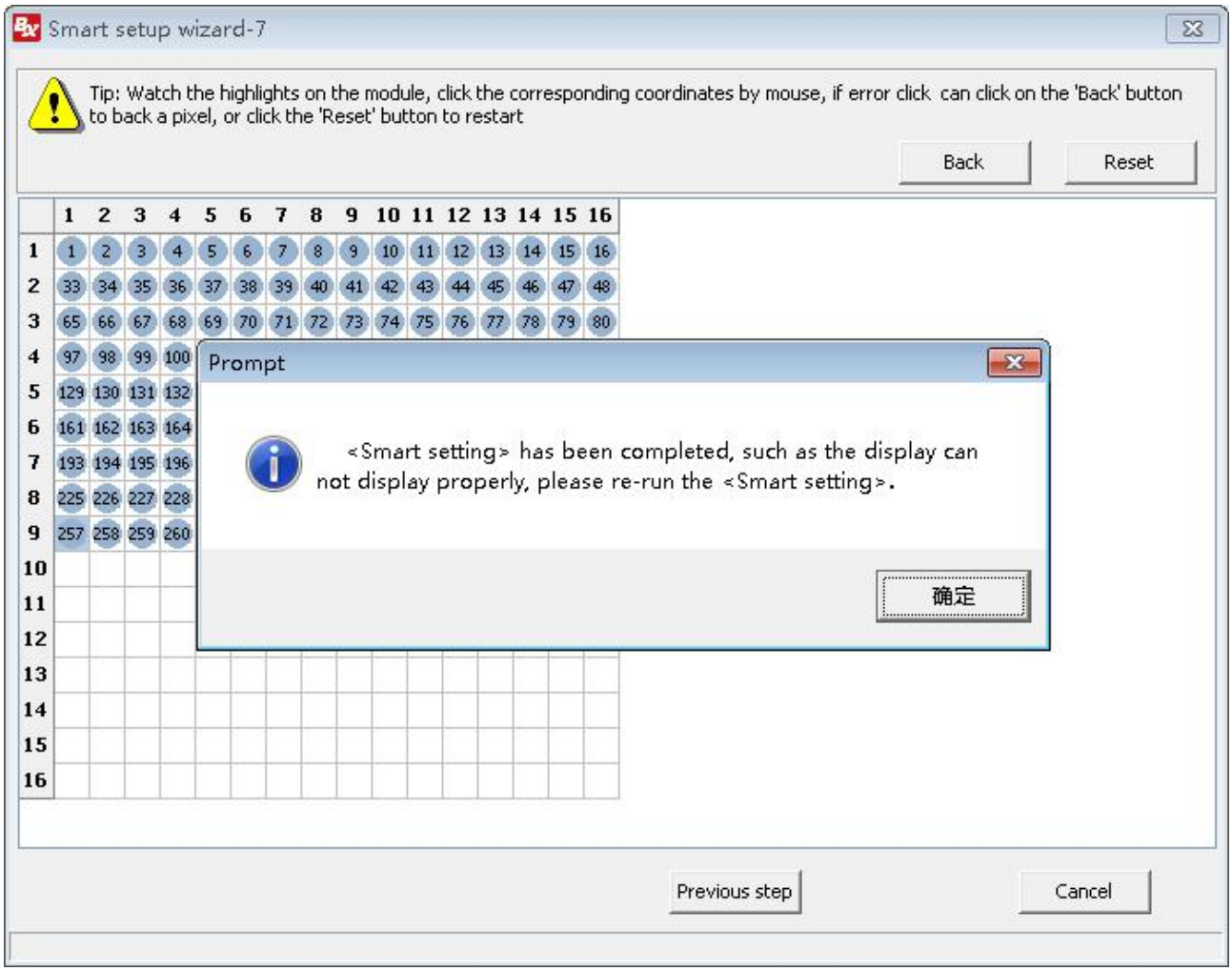
Picture 28

Step 7

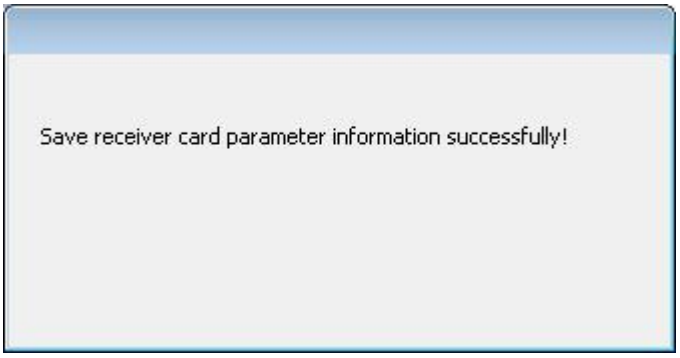
Set the module scan mode as shown in picture 29 ,then make coordinates as shown in picture 49,click "reset" then will prompt the Picture31.then save the scan mode .



Picture 29

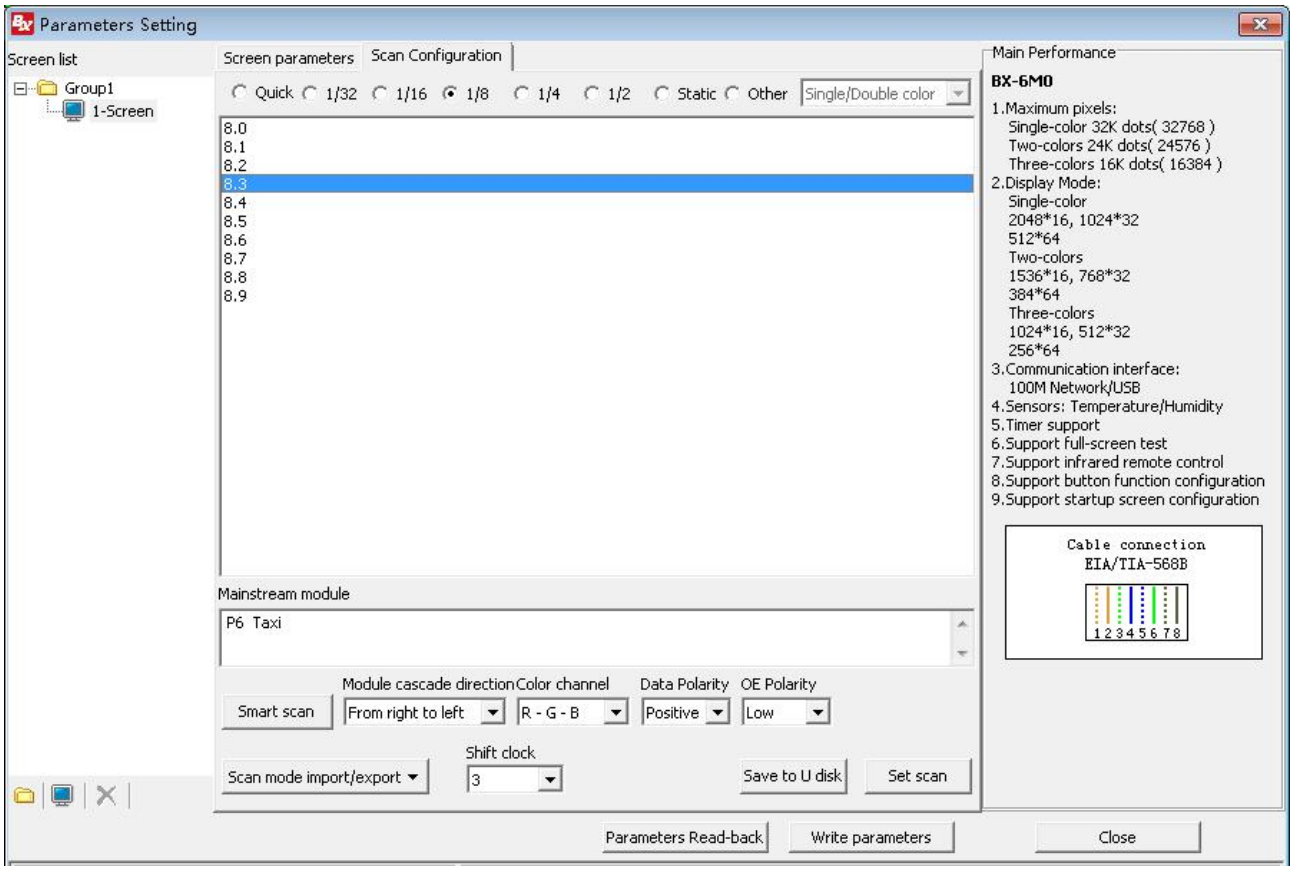


Picture 30



Picture 31

At last in the scan configuration interface will display the recommend scan mode as shown in picture32.



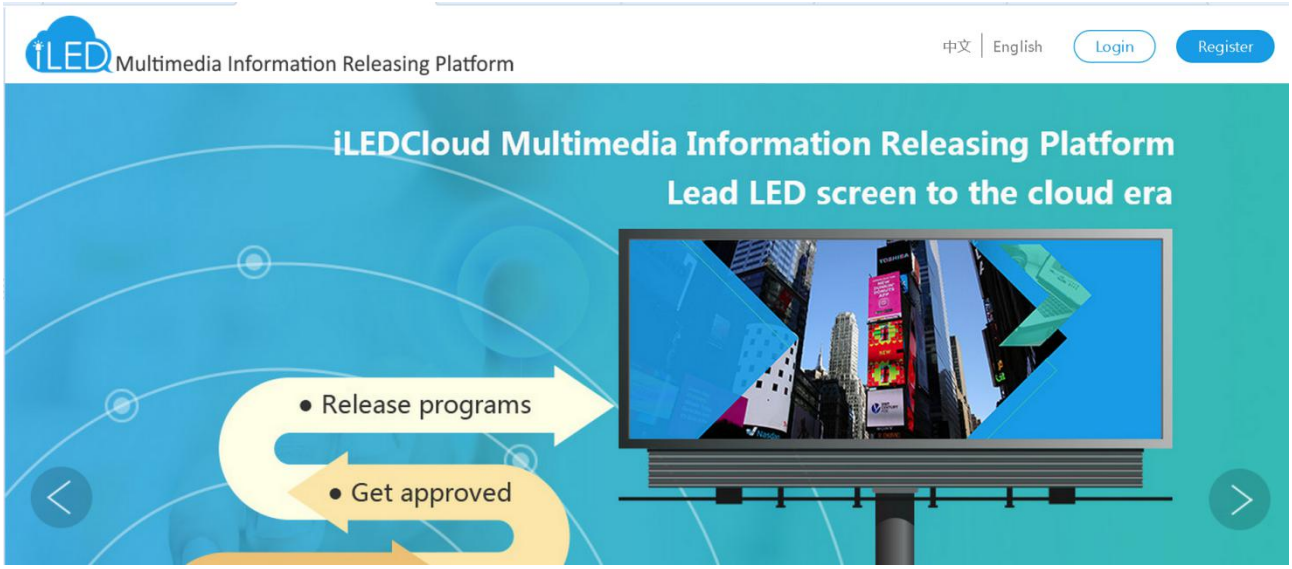
Picture 32

WEB server communication

All BX-6M series controller can compatible with iLEDcloud server communication ,user can control or monitor any display screen anywhere.

1. Register ID

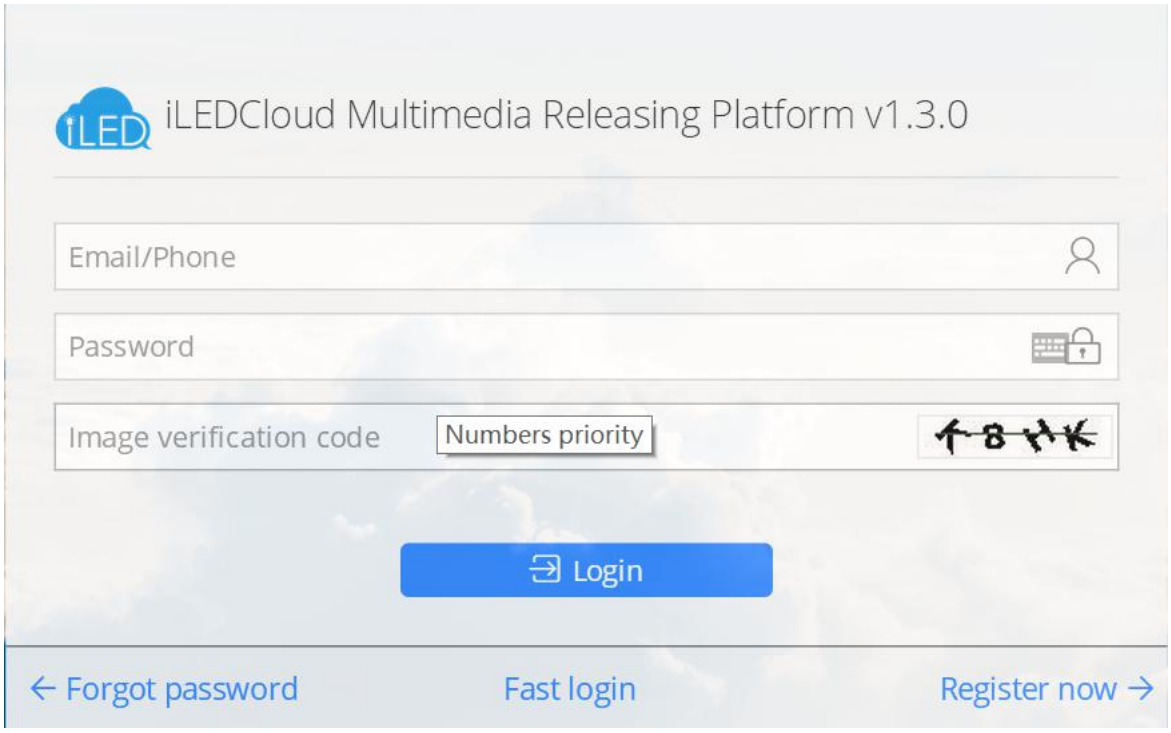
1) input website link: www.iledcloud.com, loglog into the iledcloud information management platform,as shown in the picture :



Picture 83

Click "login" enterprise user or individual user can input the name ,tel ,email and password to login.

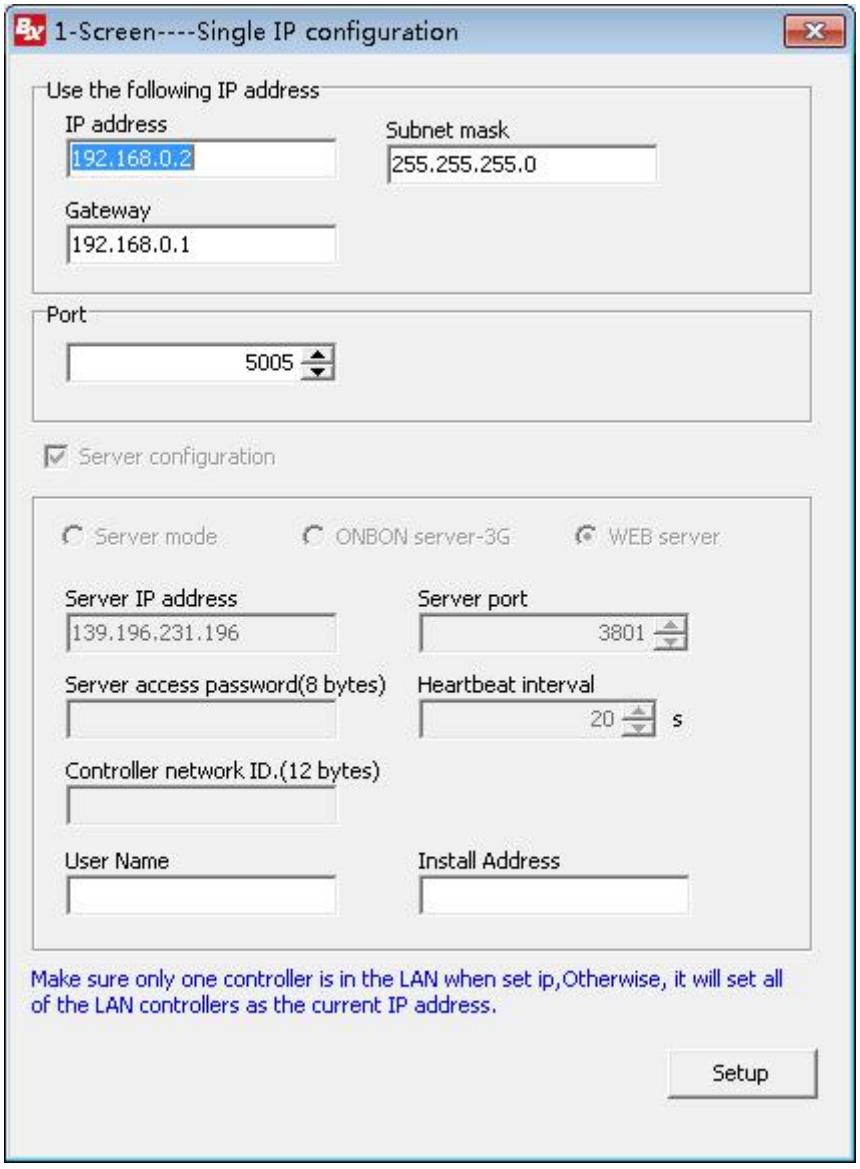
2) Pls supply real information ,this will be useful for finding password.



Picture 84

2. Set screen parameters

Open "LedshowTW 2017", click "setup" -- "Parameter configuration", input password "888" --Server mode



Picture 85

1) After step to IP single configuration ：

1．Select “server configuration”

2．Select “WEB server”

3．Click “controller IP configuration”

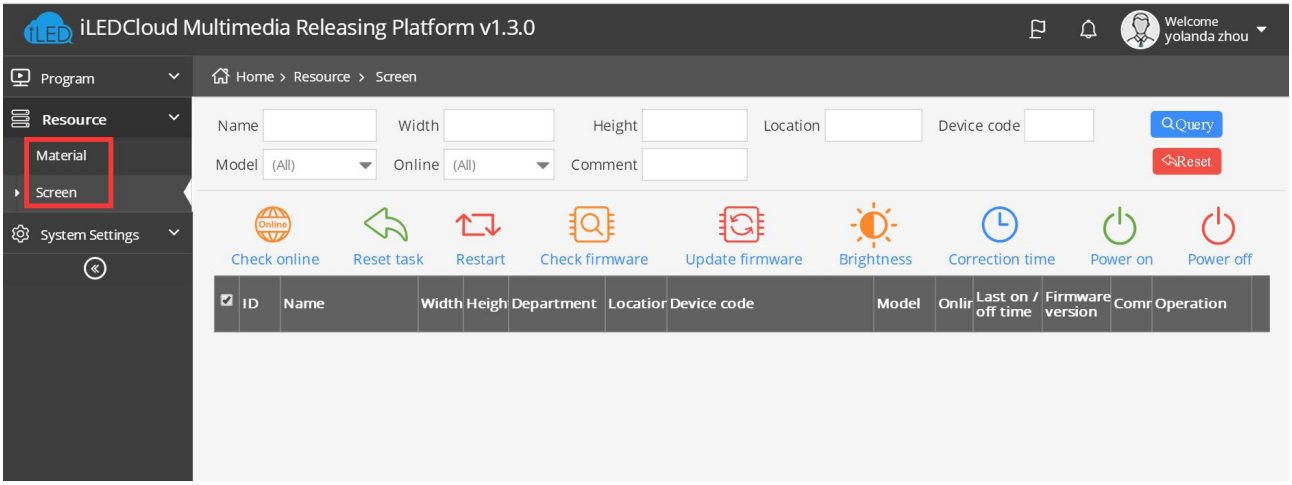
4.input the user name same as “iledcloud” platform user name，input the real address in the installation address.such as :if u r in Moscow, just write Moscow is OK.

At last pls click “settings”to finish configuration

3. Login the management platform

Make sure the controller is online then open www.iledcloud.com，如 if the controller connect with the network successfully ,user can check thecontroller ID name ,screen width ,height and online status,， as shown in picture ， if want to modify the screen name pls click ,if want to modify the screen parameters ,pls

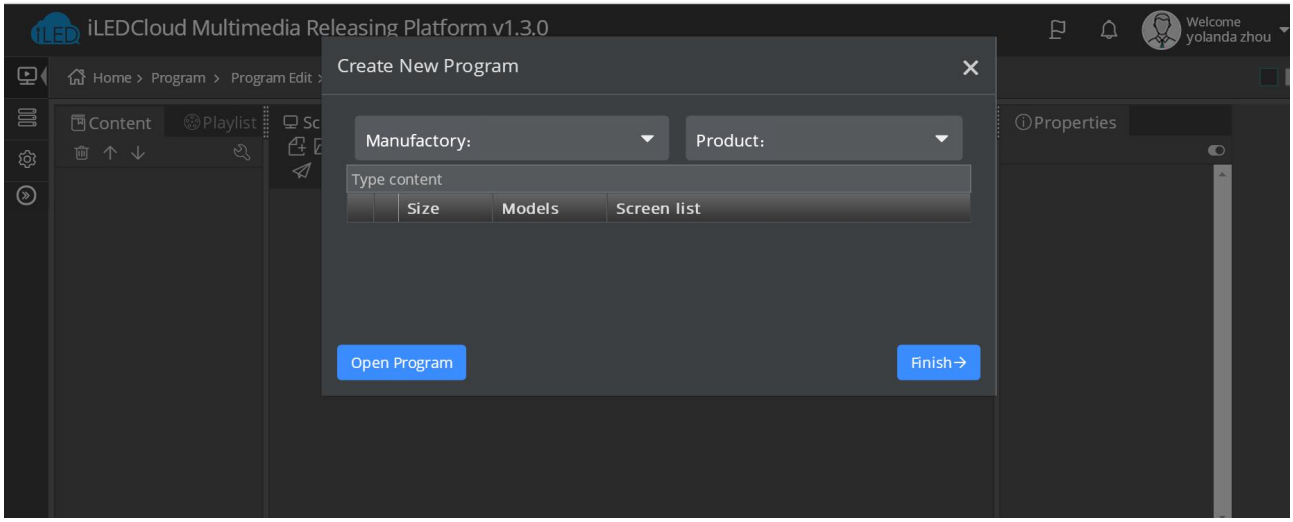
click .



Picture 86

4. Create new program

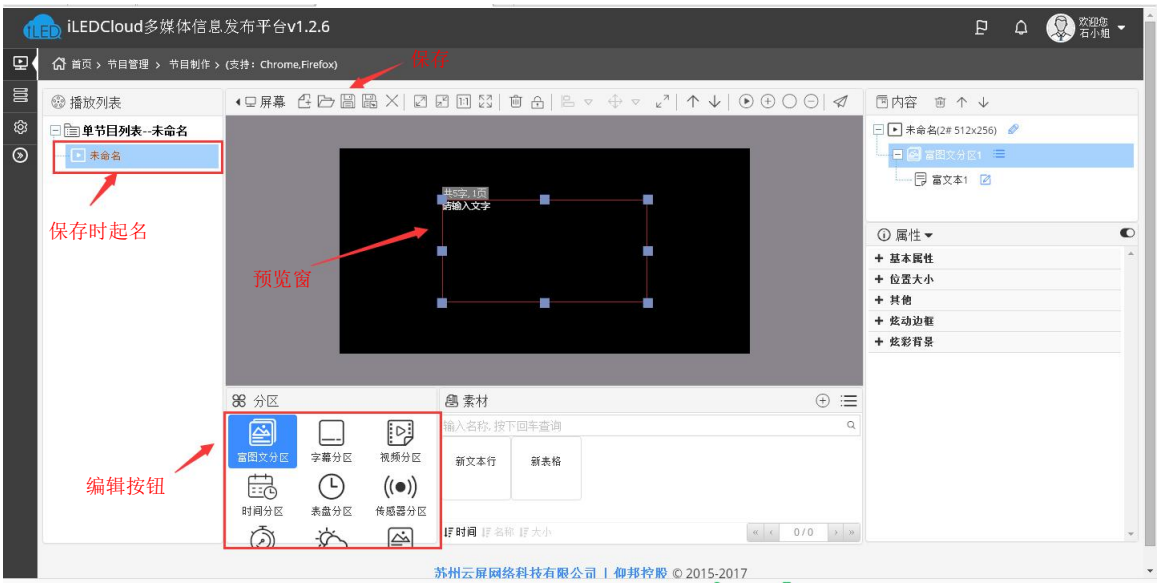
Switch to the" program " --" program edit" --" create new program " then write the manufacture and products name ,then select the device and click "finish" as shown in picture .



Picture 87

5. Edit program

After edit the program ,in the program page ,user can add multi area,picture ,video ,text ,after edit ,pls click "save" , as shown in picture 。

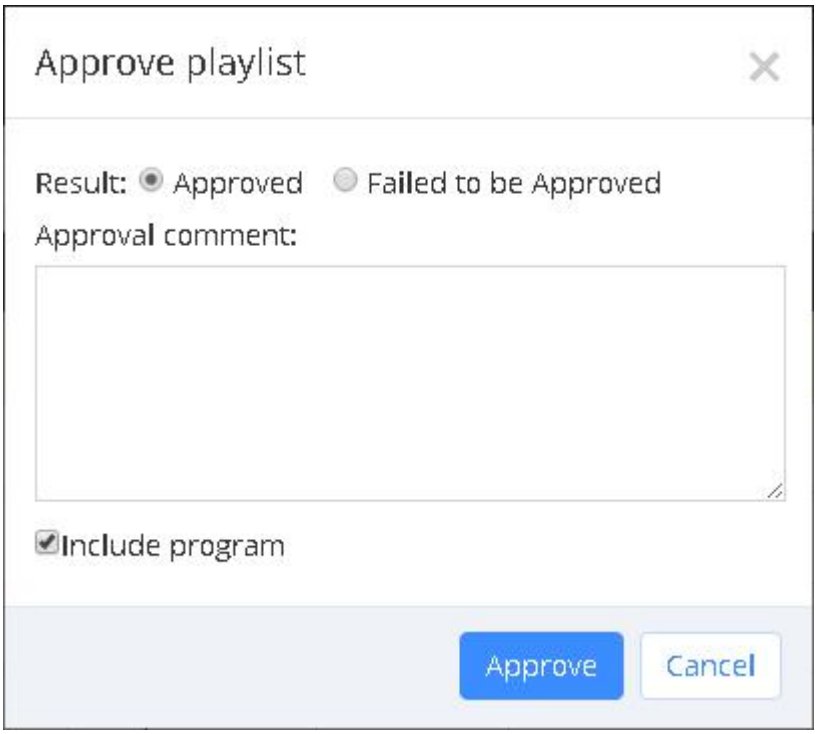


Picture 88 编辑节目

6. Program approve

Before release the program ,firstly should pass the approve,click the

"program" --" program approve",select the approved program , in the" approve playlist" to select the result approved or not ,then click "OK" as shown in picture



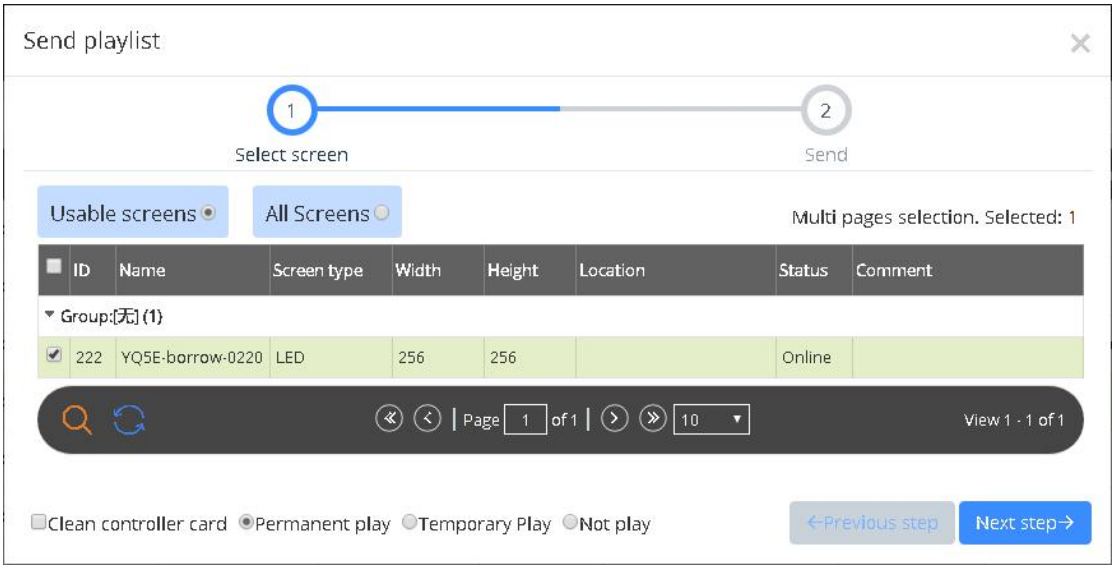
Picture 89

7. Release program

after approved the program successfully ,click "program" --" program release " find the released program (program name or ID)as shown in picture 。

Picture 90

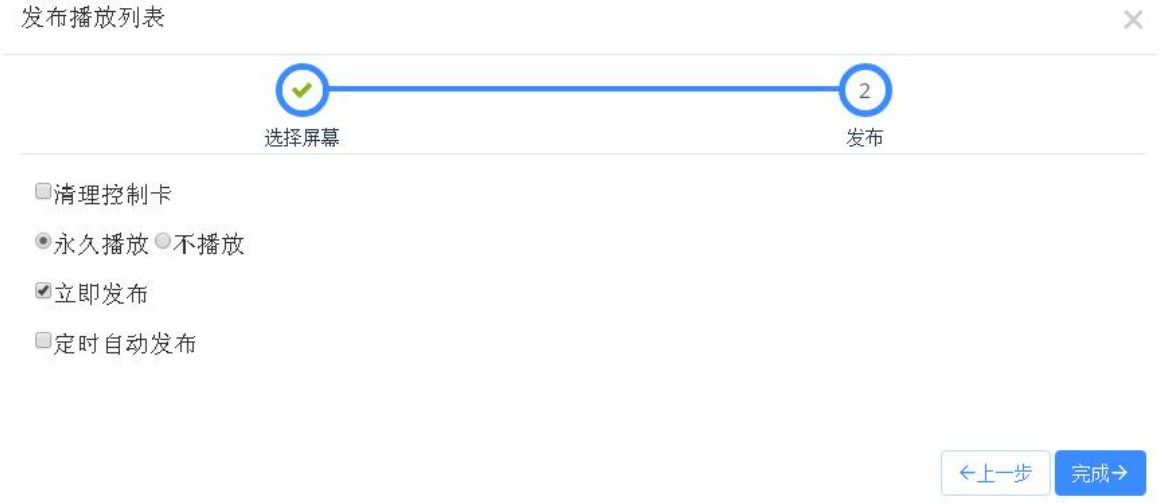
User click the release button of each playlist can step into the release interface ,user can select the next step to finish the release according to the release mode as shown in picture 91.



Picture 91

Picture 92

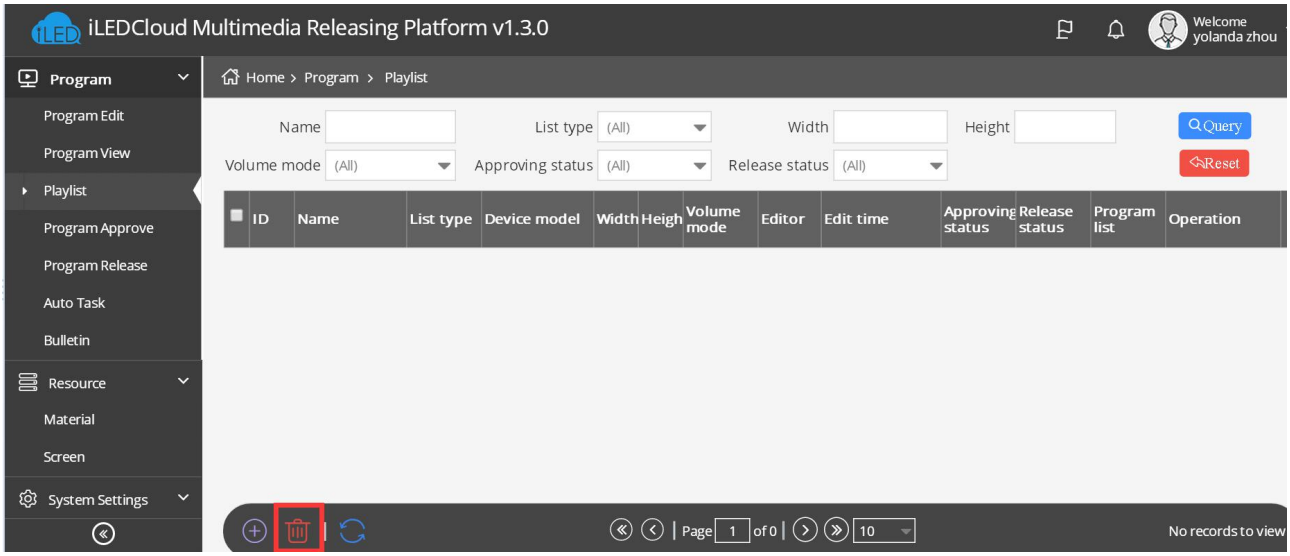
If user not select “directly play”,then can modify the play mode,play time parameters ,after modification then click “finish” will be OK.



Picture 93

8. Delete program

Click “program” --” playlist” find the delete program(program ID or name)click the delete ICON ,as shown in picture 。



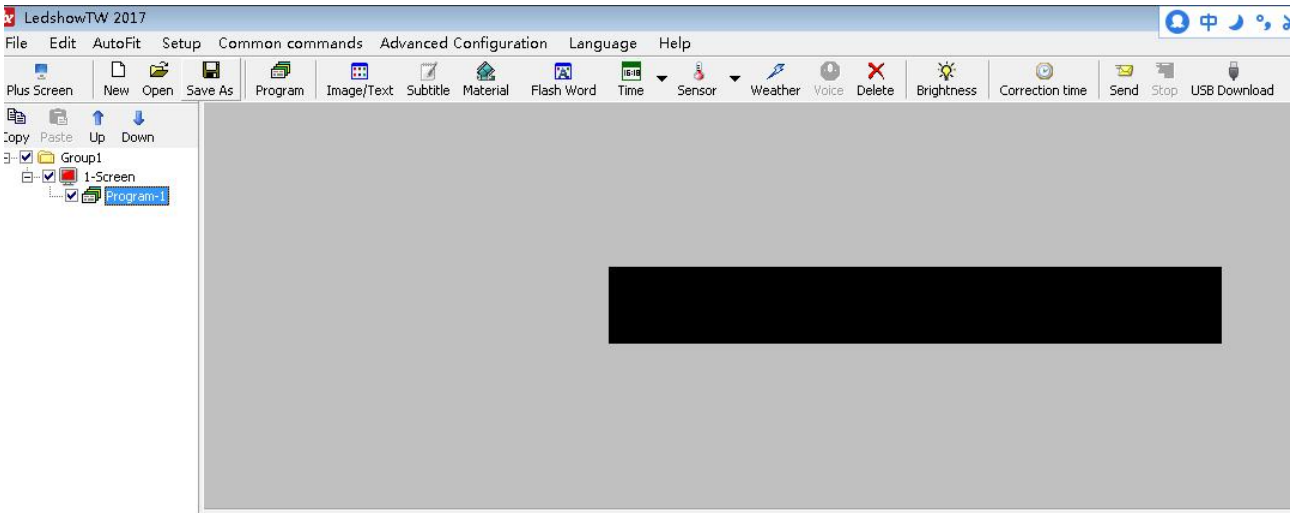
Picture 94

ADD PROGRAM STEPS

Add program

1. Add program

Add area then add program ,user can add program ,picture ,subtitle ,video,time ,weather or sensor ， as shown in picture ：



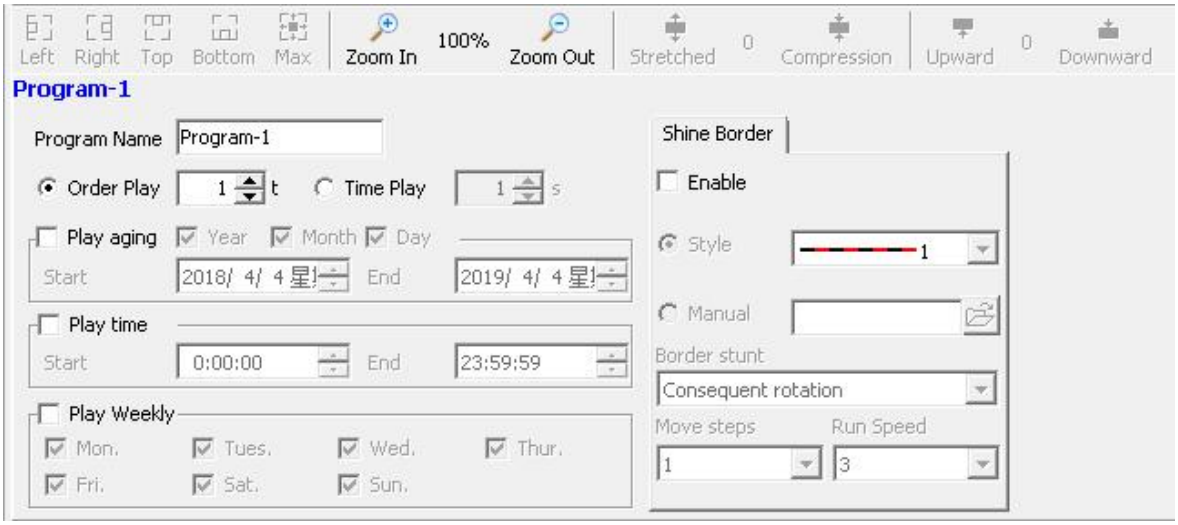
Picture 95

- **Picture zone**：add and play video,picture ,text,table、txt、word、excel、flash、gif etc.
- Subtitle zone：add one line simply format word

Video zone：add all series video format,support HDMI video and outer video signage like:camera,TV card ,DVD machine ect.

- Time zone：display time/dial/lunar/ timer count up/timer count down
- **Weather zone：** support all area weather value
- Sensor zone：display temp、humidity，noisy ，water ，liquid and other sensor value.

2. Program attribute



Picture 96

- Program name：edit program name
- Orderly play：after play this program ,then turn to next program
- Play time：set play time ,after this time setting ,then turn to next program
- Play aging：play program during the setup time.
- Play period：play program during the start time and end time.
- Week setup：play program during the setup week

Add picture zone

1. Add picture zone

Add

zone ,user can click “edit”in the menu to add picture zone also .after add the picture zone ,add file to display as shown in picture ， after add picture ,the LED screen and preview area will display at same time ,then user can modify the program as needed.

User can use the tools to modify the picture size and location.

Picture 97

2. Picture zone attribute

All picture attribute as shown in picture 98

Picture 98

- name：user can distinguish file name by this ,can modify by manual.
- X：file left up corner to the LED screen left boarder location ,unit is pixel.
- Y：file left up corner to the LED screen up boarder location ,unit is pixel.
- Width：file area width ,unit is pixel
- Height ： file area height ,unit is pixel
- Display effects：default is random,the display effect :quick type,static display,continuously move up /move down/move left/move right,push up ,push down and so on.
- Display speed ： display speed is from 1-16, 1 is fastest.
-
- Residence time：stay time from1s-128s,1s is the shortest time.
- Window alpha：File area alpha from 20%-100%，100% is opacity
-
- Background transparent：select here ,the background will be transparent

Finish edit program

After the up steps ,if want to add other program ,just follow the same steps is ok ,after finish the edit program ,pls remember to save into the DISK,click menu--save play files.

Play program

If want to display the current program,click

, then the preview window and screen will display program at same time ,if want to play different program file,open the program file and play is OK.

AREA EDIT USER MANUAL

Play subtitle

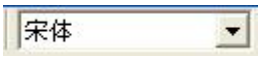
1. Add subtitle zone

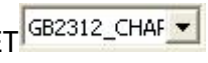
Click

to add one or more subtitle ,user also can add subtitle from menu --add subtitle then click to edit the subtitle. The subtitle can be file text or from the text window input.but the subtitle can’ t support the enter function.

Picture 99

2. Subtitle attribute

- Add : add new subtitle ,not save the original one
- Open : open*.TXS。
- Save : save the current file to specified location。
- Font 

: click the list to select different font
- CHARSET 

: click to select the CHARSET

Font size

: set the font size ,the value from8 ~ 200, user can select in the list or input by manual

- Bold : click to bold the font
- Italic : click to make Italic font

- underline : click to make underline font.
- Font color : click to select font color
- Character spacing : click to set the character spacing
- Page index : if the file have multi-page, user can use this function to check the page as wanted;
- Statistics : input the total page count and char count,then adjust the word spacing of the selected contents.

TIME

1. Add time

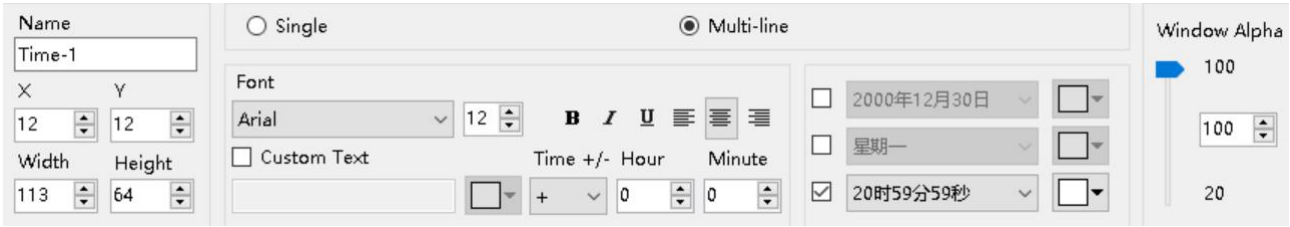
Click

in the menu,select the time ,lunar or timer ,also user can select the “edit”--select the time zone ,dial zone ,lunar zone or timer zone.

2. Time attribute

1) Time zone

After add the “time zone” user can set the time parameters as shown in the picture 101.



Picture 101

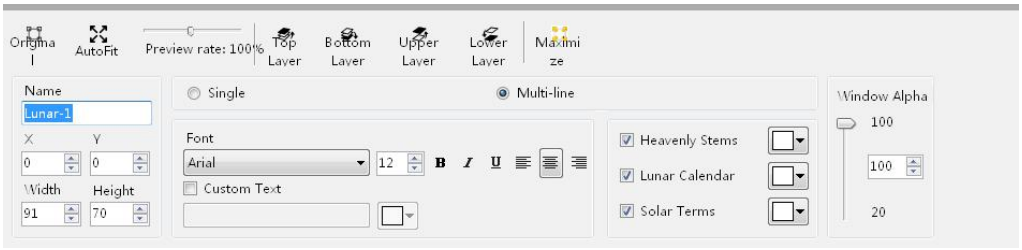
2) Dial zone

After add the “dial zone” user can modify the dial parameters as shown in picture 102.

Picture 102

3) Lunar zone

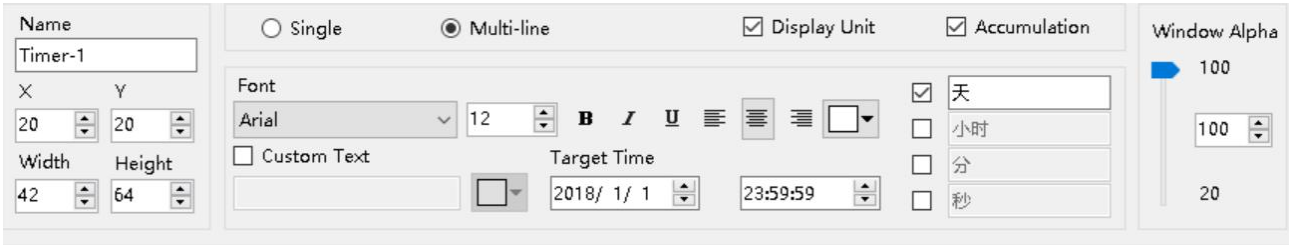
After select the “lunar zone” ,user can set the lunar parameters as shown in the picture 103.



Picture 103

4) Timer attribute

After select the "dial zone" user can set the timer parameters as they want .



Picture 104

Weather zone

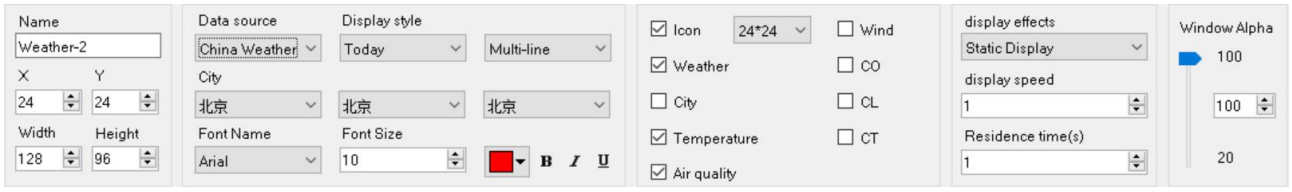
1. Add weather

Click

, or user can use the "edit" --" add weather" to add one weather zone.

2. Weather attribute

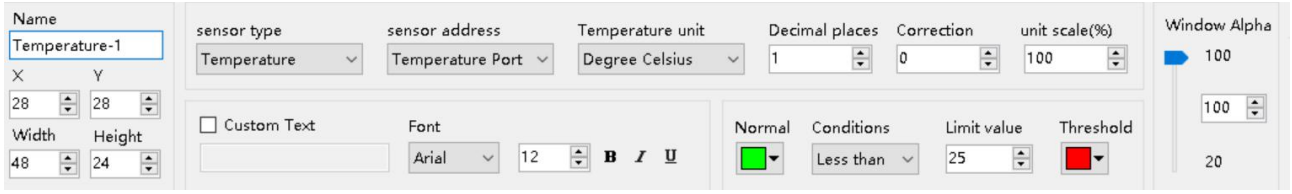
After add "weather" , user can set the weather parameters as shown in the picture .



Picture 105

1) Temperature sensor

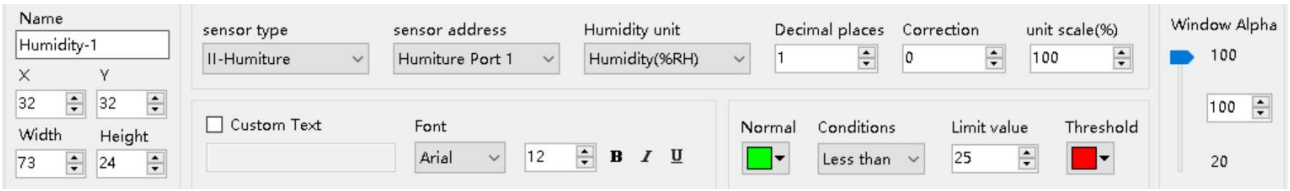
After select "temperature" user can set the temperature value as shown in the picture.



Picture 106

2) Humidity

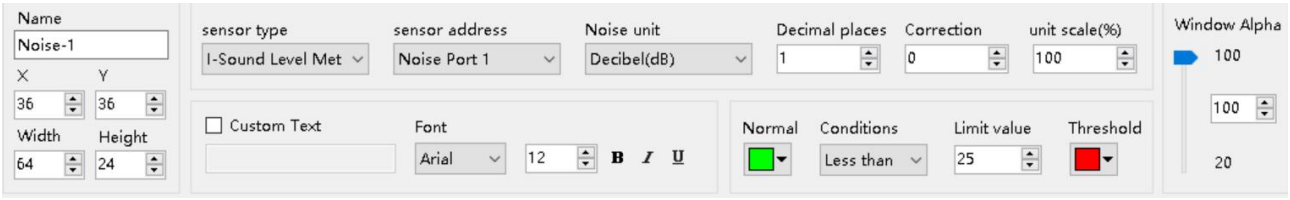
After select the humidity ,user can modify the humidity parameters as shown in picture .



Picture 107

3) Noise

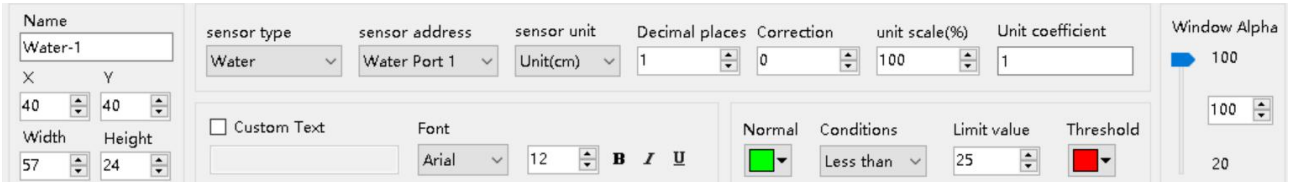
After select the humidity ,user can modify the noise parameters as shown in picture .



Picture 108

4) Water

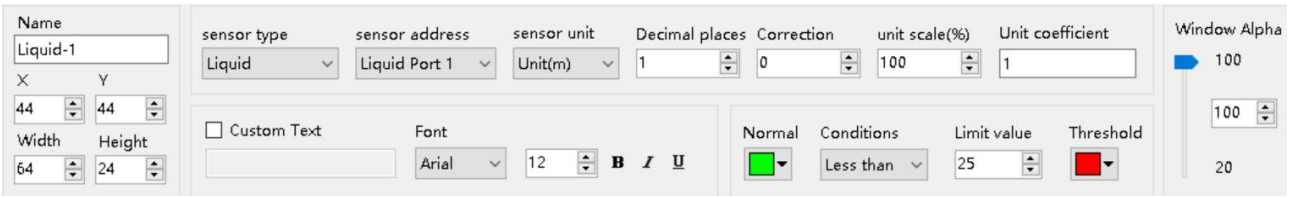
After select the humidity ,user can modify the wanter parameters as shown in picture .



Picture 109

5) Liquid

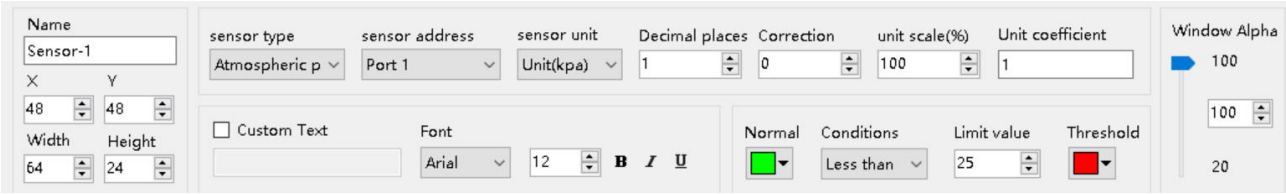
After select the liquid,user can modify the liquid parameters as shown in picture .



Picture 110

6) Sensor

After select the sensor ,user can modify the sensor parameters as shown in picture .


Name
Sensor-1
X
Y
48
48
Width
Height
64
24
sensor type
Atmospheric p
sensor address
Port 1
sensor unit
Unit(kpa)
Decimal places
1
Correction
0
unit scale(%)
100
Unit coefficient
1
Window Alpha
100
100
20
Custom Text
Font
Arial
12
B
I
U
Normal
Conditions
Less than
Limit value
25
Threshold

Picture 111

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