

Table of contents

Chapter 1 Installation and Uninstallation	5
1. Software installation	5
2. Software uninstallation	8
Chapter 2 Network Settings	8
Chapter 3 Hardware Settings (Screen Adjustment)	10
1. Equipment debugging	10
Chapter 4 Program Editing	20
1. Software interface	20
2. Program structure	21
3. Create a new display	21
4. Add program	23
5. Add custom area	25
6. Add video, pictures, animation, clock and other areas	26
7. Add multiple lines of text	31
8. Add a single line of text	33
9. Add clock	34
10. Lunar calendar	39
11. Add timing	39
12. Add sensor	40
13. Add animated words	42
14. Add neon	43

1 5 .Streaming	39	44display file as	49correction	58/off	settings
59parameters	59setting	70			

Chapter 1 Installation and Uninstallation

一、1. Software installation

1) Open the CD, double-click the installation icon, HDPlayer.XXX.exe (eg: HDPlayer 7. 10. 2. 0. exe), select the installation language (default follows the computer operating system language) , and click " OK ".

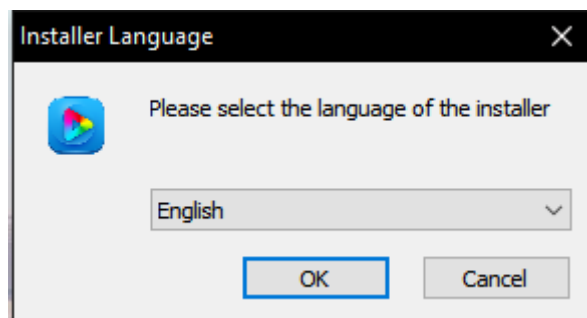


Figure 1-1 Installing language

2) Enter the installation interface and click "Next".

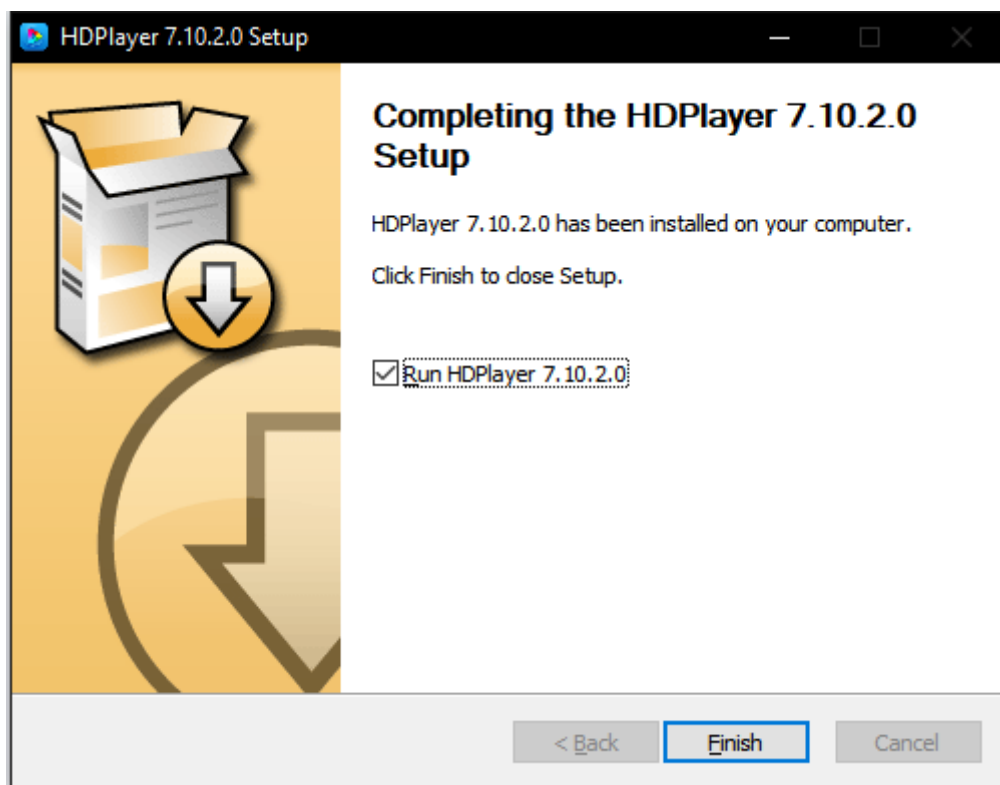


Figure 1-2 Installation Wizard

3) Confirm the installation type and click "Next".

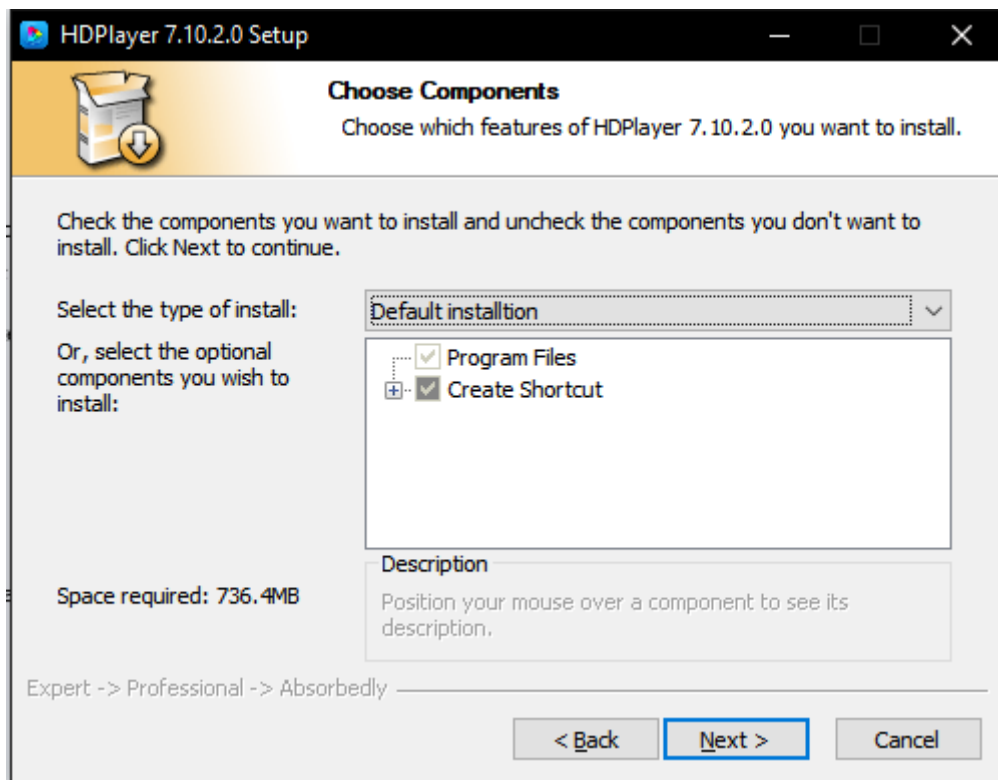


Figure 1-3 Installation type

- 4) Select the installation path and click "Install".

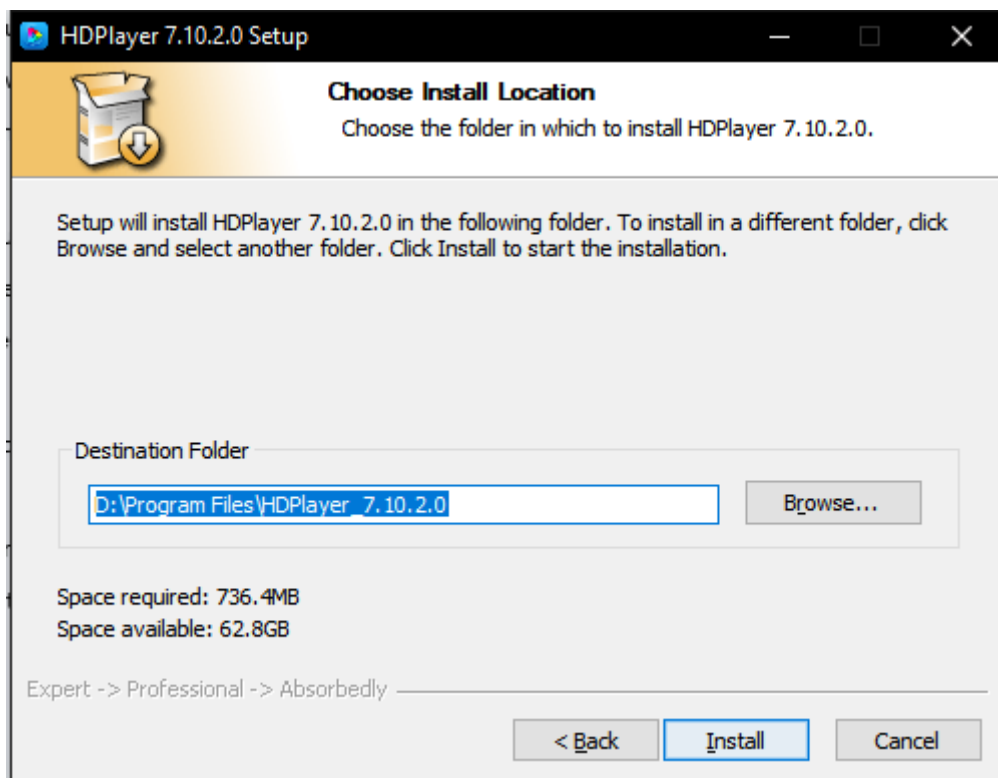


Figure 1-4 Installation path

5) Click "Finish".



Figure 1-5 Installation completed

二、2. Software uninstallation

Go to "Start" → "All Programs" → "HDPlayer" → "Uninstall HDPlayer" in the lower left corner of the computer to uninstall it.

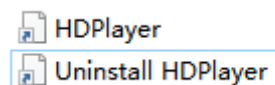


Figure 1-6 Uninstalling software

Chapter 2 Network Settings

The control card supports three methods: direct connection to the computer through a network cable , connection to the computer through a router, or connection between the computer and the control card through the Wi - Fi module on the control card. All of them are ready to use, and the user does not need to perform any network connection . set up.

When the computer and the control card are directly connected through a network cable, plug in the network cable and the control card network port light will be on (the green light is always on and the orange light is flashing). Wait for a period of time (less than a minute) until the network connection icon appears in the lower right corner of the computer desktop. After the network is displayed as normal (as shown in Figure 5-1), the connection has been established (open the HDPlayer control software, you can find the device name and ID number of the connected control card in the information bar at the bottom left of the software window, as shown in Figure 2-3 Show).



Figure 2-1 Diagram of normal network connection



Figure 2-2 Diagram of abnormal network connection

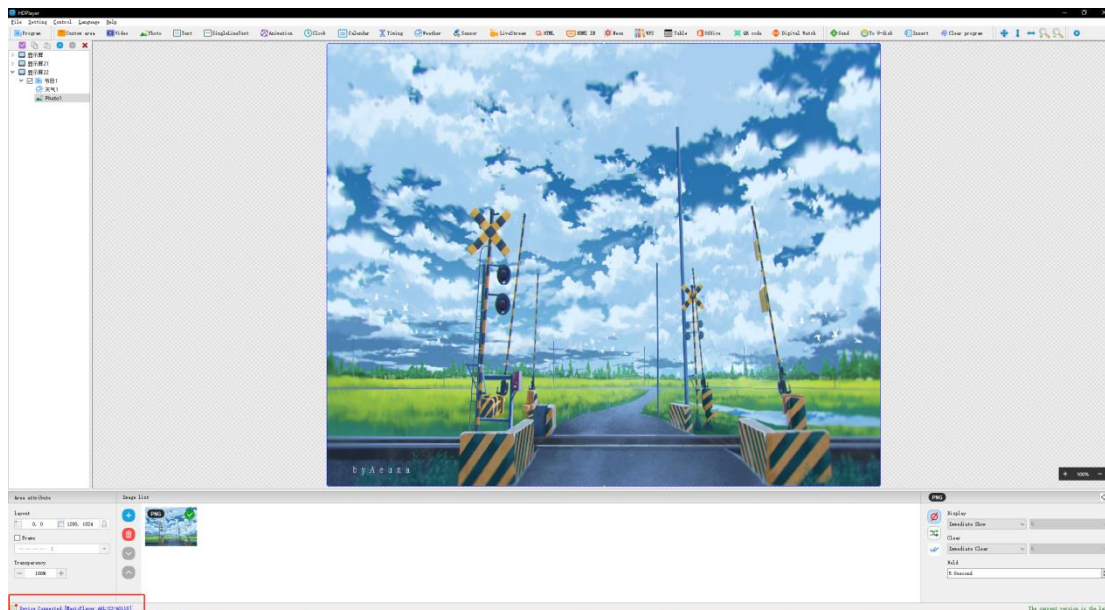


Figure 2-3 Discovering the device

When the computer and control card are connected through a router, cluster management of the control card is supported, that is, one computer can control all control cards in the network at the same time.

Control card network settings :

Obtain IP automatically: Check the "Settings" option, then check the "Use" option, and then select the "Settings" button.

Manually obtain the IP: Check the "Settings" option, and then remove the "Use" option to set the IP and other network information of the control card. After setting, you need to select the "Settings" button to take effect (Note: Use this function with caution! Set the IP must be in the same network segment as the computer's local connection).

is controlled across network segments in the local area network , a static IP address needs to be set for the control card . Click [Control]-[Other Settings]-[Network Settings] and enter the IP of the network segment where the control card is located. It cannot be used with other IP addresses. conflict. As shown in Figure 2-4

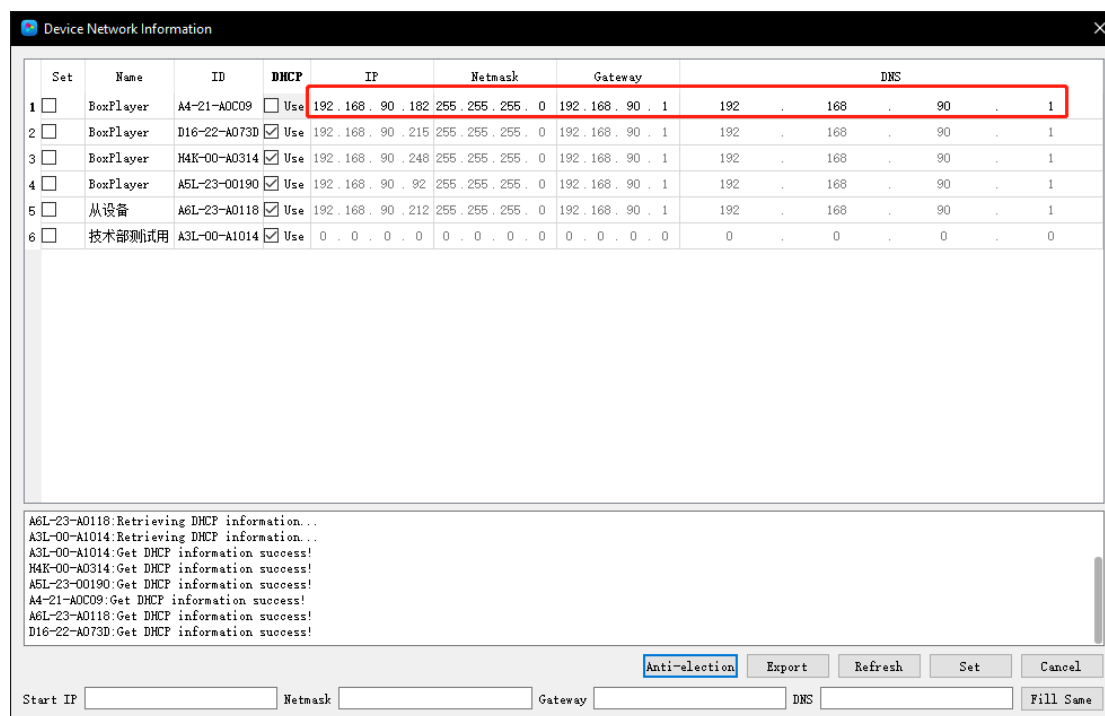


Figure 2-4 Control card setting static IP address

Chapter 3 Hardware Settings (Screen Adjustment)

三、1. Equipment debugging

Click "Settings" → "Hardware Settings", password 168, to enter the HDSet interface.

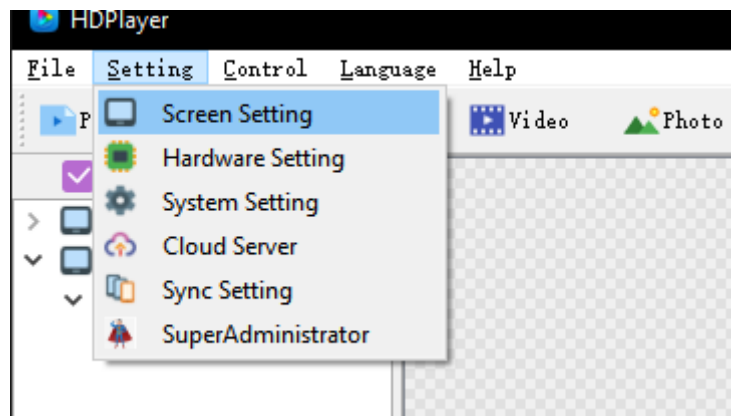


Figure 3-1 Entering hardware settings

The "Device" window of the HDSet interface is divided into asynchronous cards and synchronous cards. There are three parts to enter the display configuration: sending card parameter setting, connection setting, and receiving card parameter setting. If you use a single card (without a receiving card), you only need to set the receiving card parameters, so you cannot see the sending card parameters and connection settings.

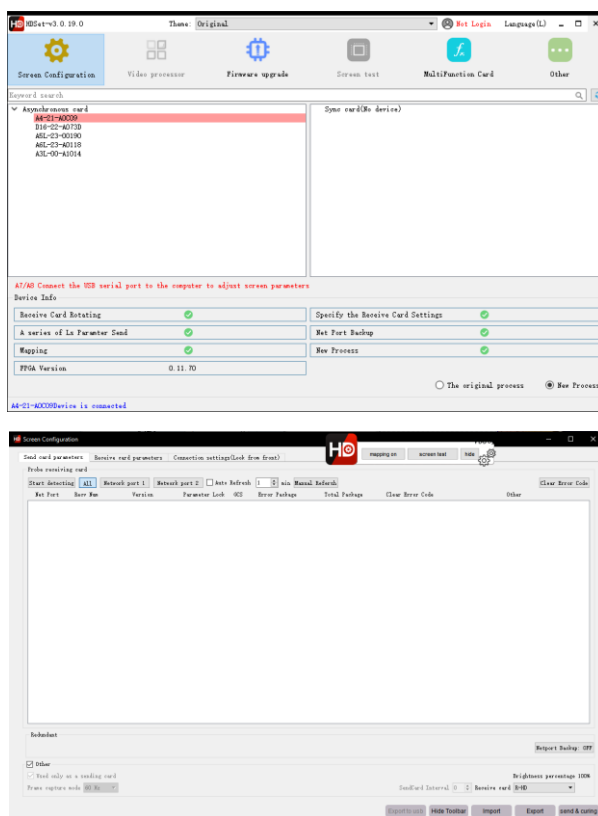


Figure 3-2 Sending card parameter interface

1.Send card parameters

In the sending card parameter interface , other parameter information such as the receiving card version information can be detected .

Note: You can directly click "Sending Card Parameters" on this interface to send. Set and send separately from "Connection Settings" and "Receiving Card Parameters".

2. Connection settings

Click " Connection Settings " to enter the connection settings page.

This page can conveniently and quickly set the connection relationship of the receiving card. Viewed from the front of the screen, the card number of the receiving card that is connected to the sending card is 1, and so on.

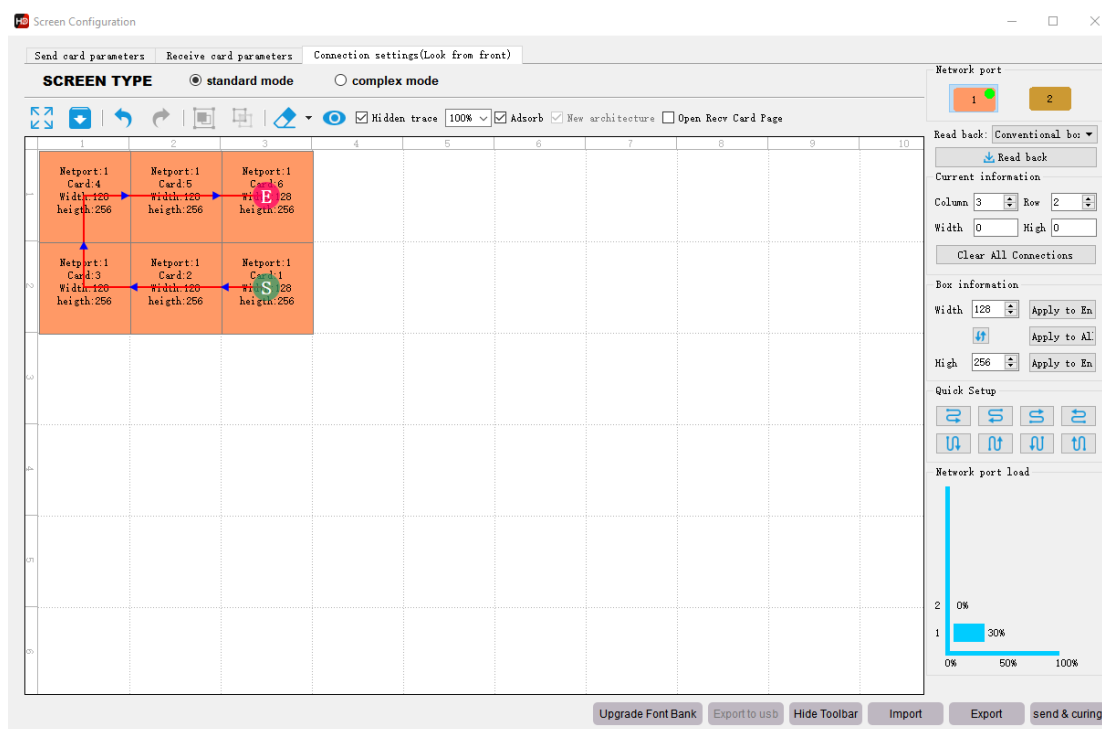


Figure 3-3 Connection setting interface

3. Receive card parameters

Click "Receiving Card Parameters" to enter the receiving card parameter setting page. On this page, you can set the gray scale, refresh rate, and PWM register parameters of the receiving card. This interface parameter directly affects the display effect of the display.

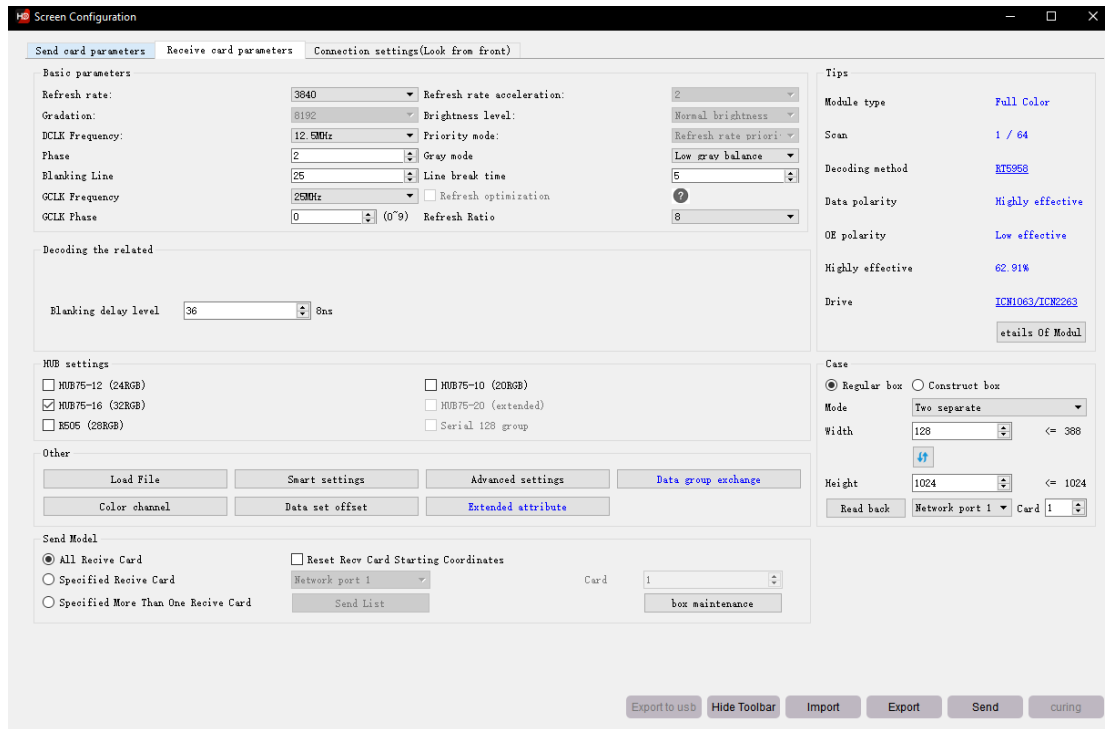


Figure 3-4 Receiving card parameters

- 1) General module : Quickly select the corresponding module parameter file.
(If the corresponding parameter file cannot be found , refer to point

4, Smart Settings.)

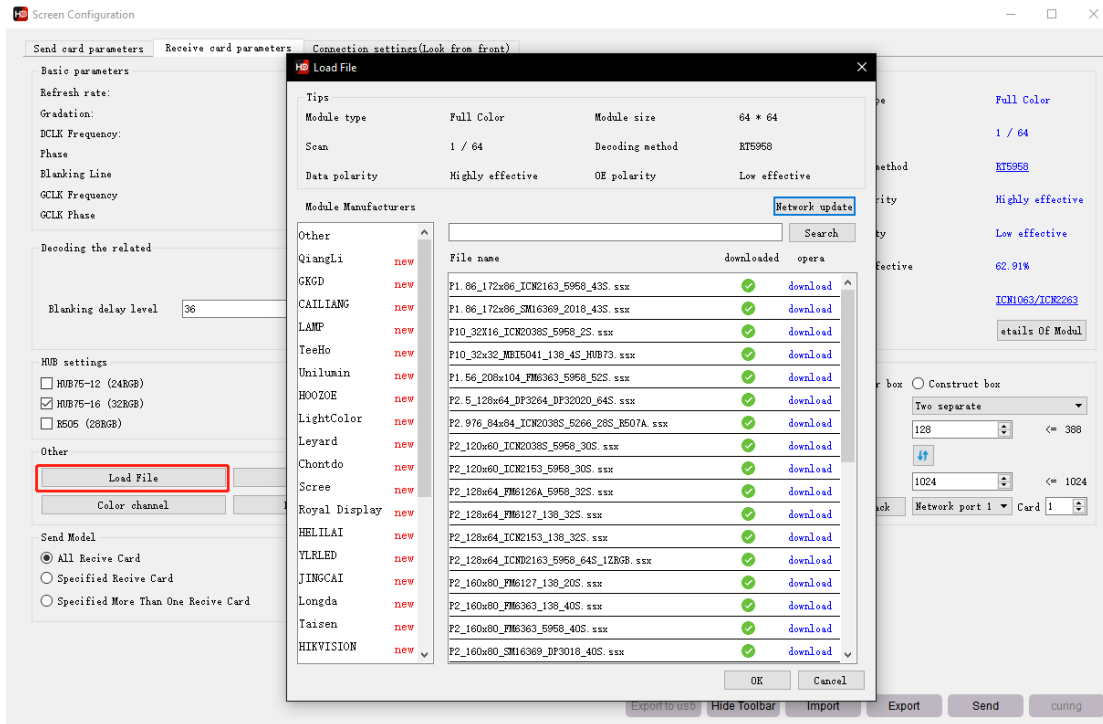


Figure 3-5 General module

2) Intelligent setting function: For general modules that do not have configuration file options for corresponding modules, module parameter settings can be completed through intelligent settings. —For detailed usage, please see point 4 .

3) Advanced setting function: You can adjust gamma value , color correction and other functions in this interface. Further adjust the screen display effect.

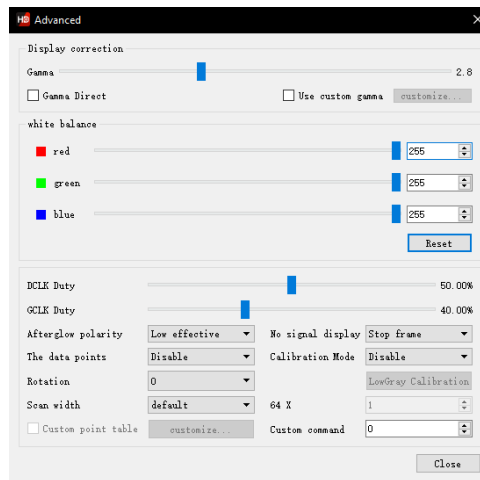


Figure 3-6 Advanced settings

4) Data group exchange: This function can exchange the data of the output port of the receiving card, and exchange the output of the receiving card data to other output ports.

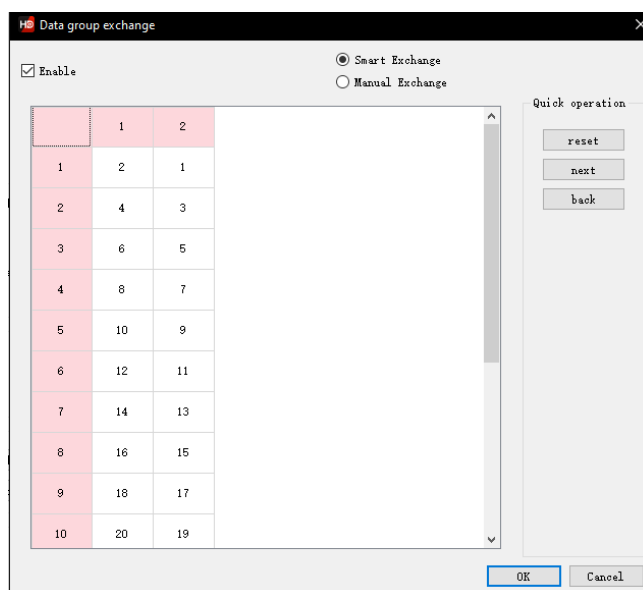


Figure 3-7 Data group exchange

5) Extended attributes: For some special ICs that require display optimization, you can use this function to set them.

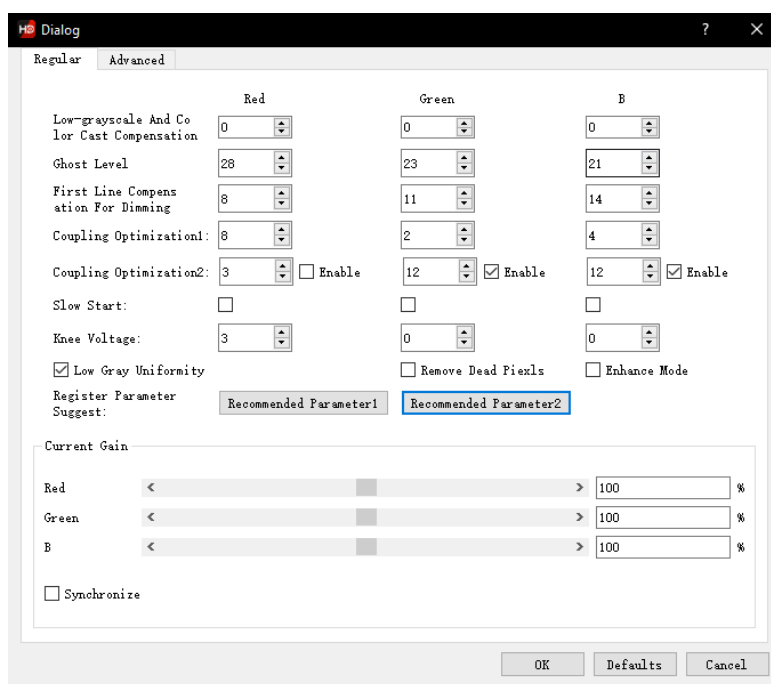


Figure 3-8 Extended attributes

6) Data group offset: For special-shaped screens or asymmetrical multiple screens, we can choose data group offset so that the screens can be connected.

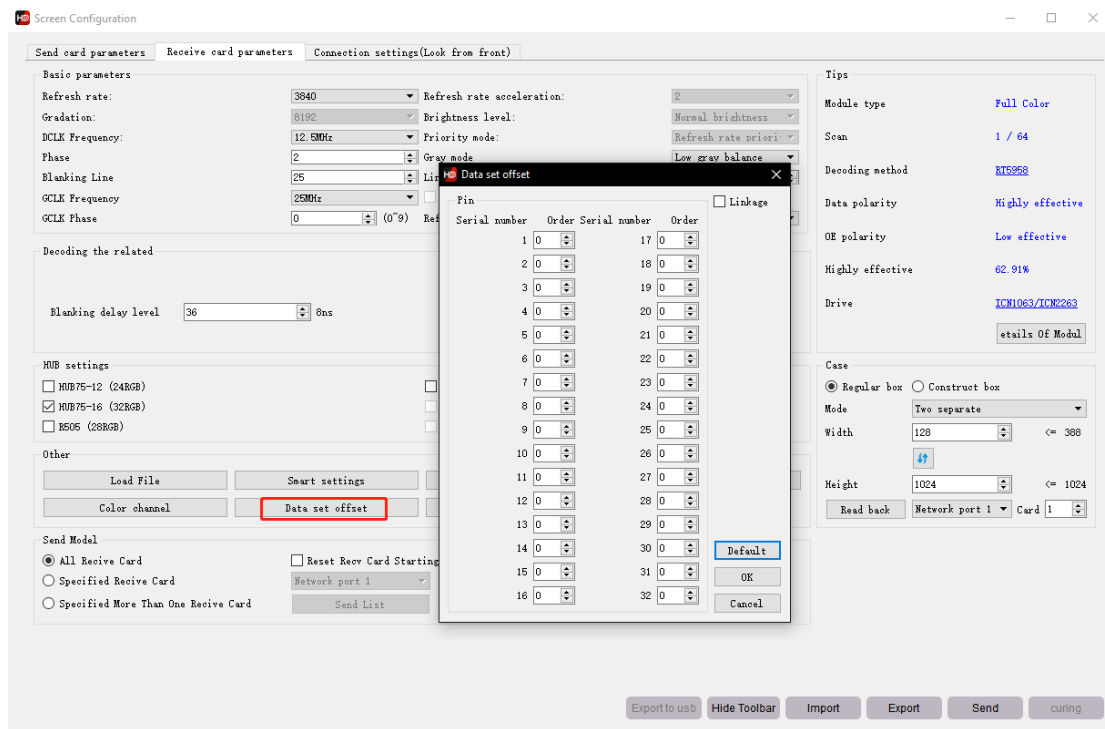


Figure 3-9 Data Group Offset

4. Smart settings

1) The first step of intelligent setting requires setting, screen color type, single module width, module chip type, decoding method (drop-down options are: 138 decoding, no decoding, 595 decoding, 5958 decoding, etc.). If the module is larger than 16 scans, please check Greater than 16 scans.

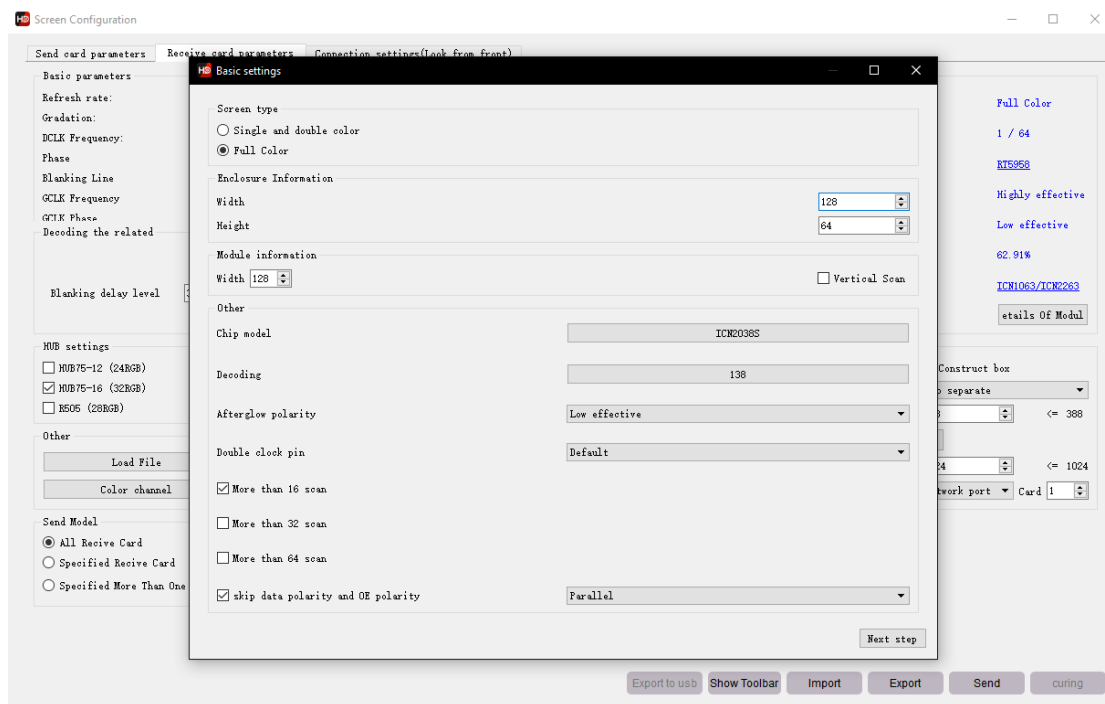


Figure 3-1 0 Basic information settings

2) Color channel setting , please try to click status ABC in this step D. Observe the color display of the module, and select the corresponding option in the display state according to the module display . If when you select A, red appears on the screen, then select red; if when you select A, blue appears on the screen, then you need to change red to blue .



Figure 3 - 11 color channel settings

3) A set of row heights controlled by RGB . Please observe how many rows (how many dot heights) the module lights up and fill in the corresponding values. This step is to test a set of RGB controlled row heights.

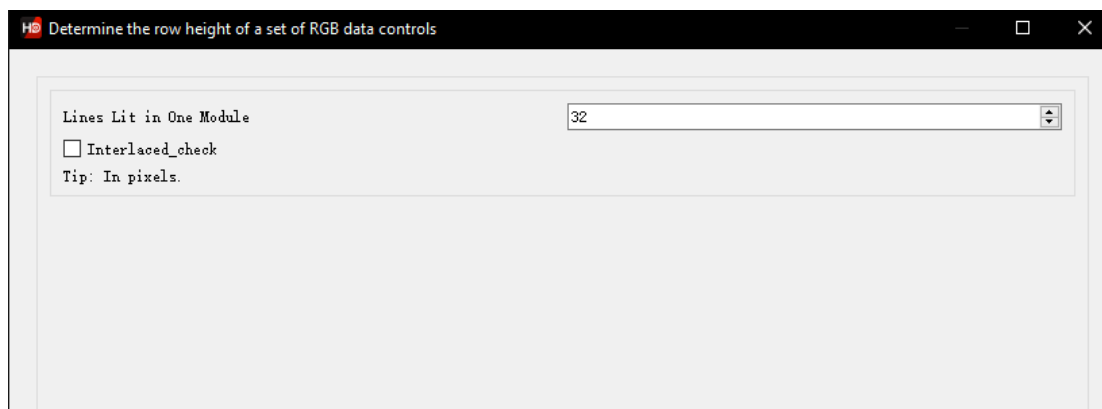


Figure 3-1 2 A set of R GB controlled row heights

4) Determine the scanning type . Please observe how many lines (a few dots high) are lit on the module and fill in the corresponding values. This step is to test the scan type.

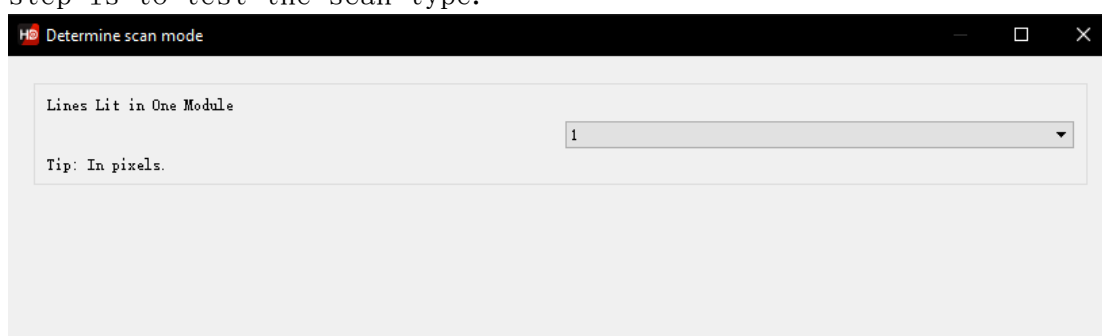


Figure 3-1 3 Determine the scanning method

5) To draw points, please observe the module display and click on the corresponding cell according to the location of the highlight.

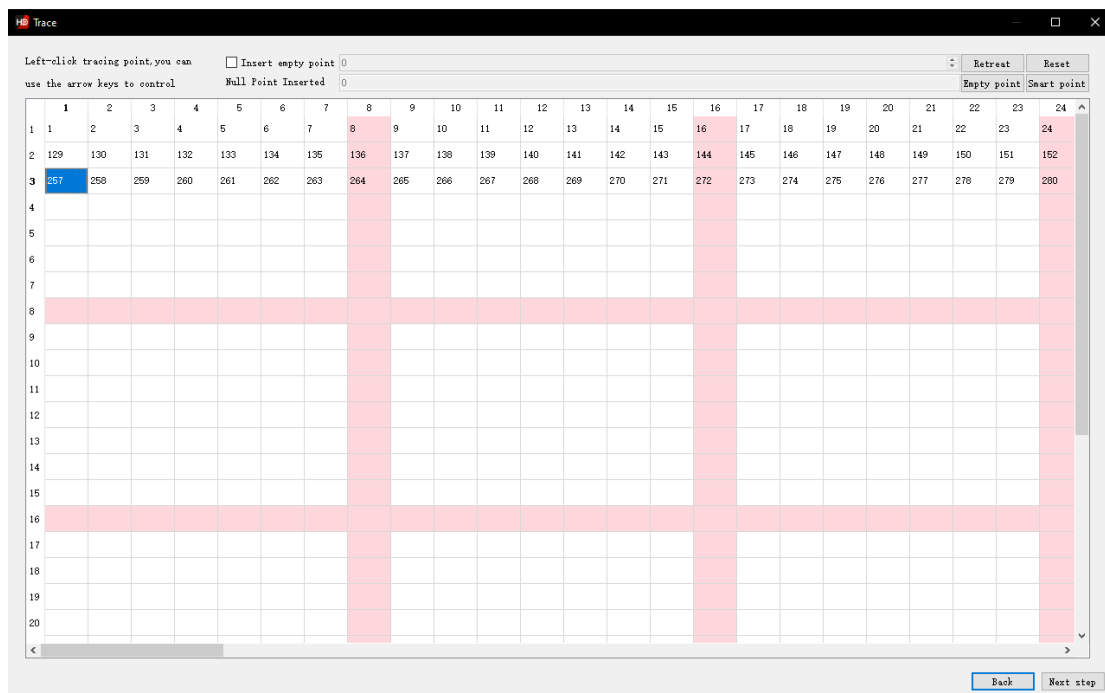


Figure 3 - 14 points

In the module in the upper left corner of the screen , whichever bright spot is flashing , click on the corresponding point on the table . If the first point in row 1 is flashing, then click the first point in row 1 in the table. Then go to row 1, point 2, and follow the flash points until the table is finished.

When finished, click Save to complete the smart settings.

Chapter 4 Program Editing

1. Software interface

The software interface mainly consists of two parts: the playback window and the editing window.

Play window (that is, the content to be displayed on the LED screen): used to display the videos, pictures, texts and other content that the user wants to play.

Editing window: includes title bar, menu bar, toolbar, tree area, property area and status bar, as shown in Figure 4-1:

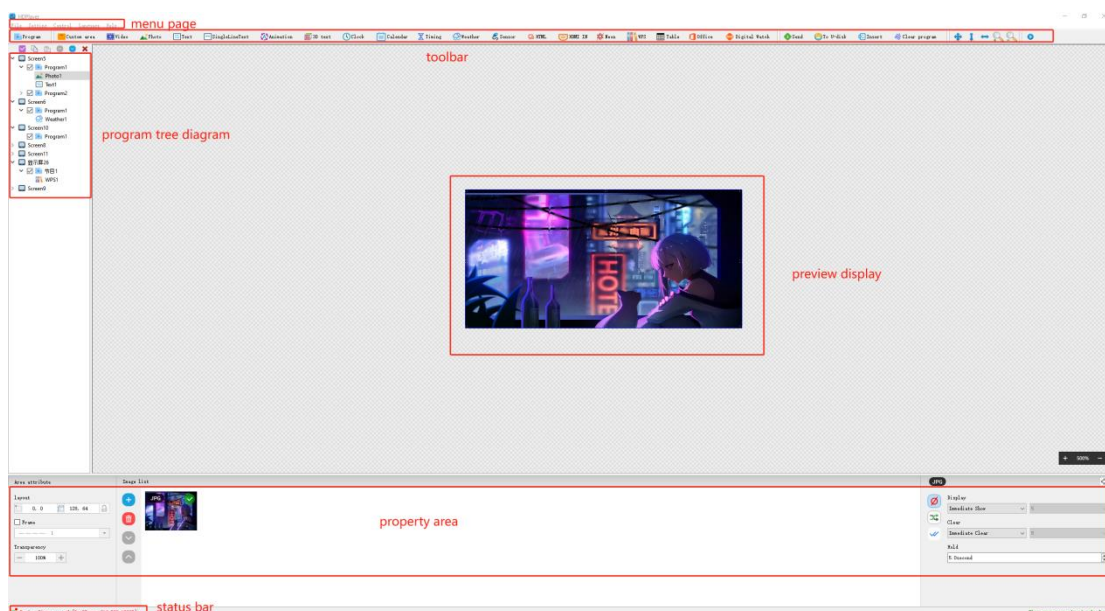


Figure 4-1 Software interface

Menu page : contains five options: File, Settings, Control, Language and Help;

Toolbar: includes programs, [videos](#) , text, documents, clock, timing, and [other areas](#) ;

Property area: displays information about each node, and can set borders, playback effects, playback time and other functions:

Program tree : displays the contents of the current program;

Status bar: displays device information;

2. Program structure

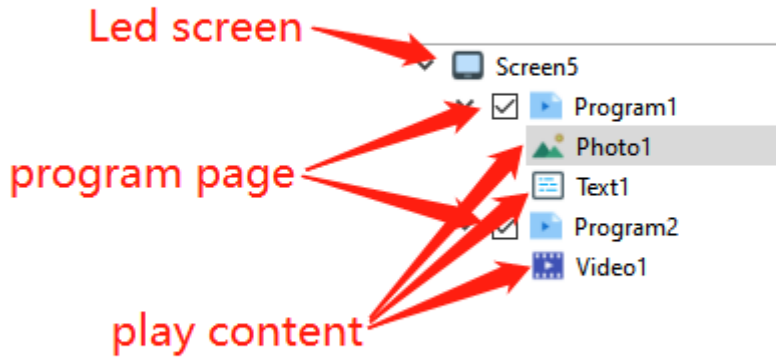


Figure 4-2 Program structure

LED screen: The large LED screen used by users, and the content displayed on the large screen is determined by it. There is a parallel relationship between each "LED screen", and multiple program pages can be added to the LED screen.

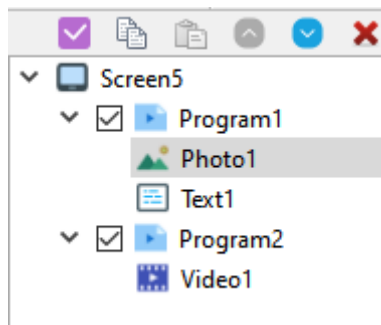
Program page: The program page refers to a set of program windows and program content set by the user. There is a parallel and sequential playback relationship between each "program page".

Play content: specific content displayed on the LED screen. Including videos, pictures, text, documents, clocks, timing, etc. The "play content" under the same program exists and is played at the same time. The content added first is at the bottom, and the content added later can overwrite the content added first, such as program 2 on display 2 in Figure 4-2, 3D text. will be displayed overlaid on the image .

3. Create a new display screen

Select the [File] → [New] option key in the menu bar to create a new display screen. Multiple displays can be added to the tree area. To delete a display screen, select the display screen node, then press the Delete

key or right-click to select Delete. option or click the "Delete" button to delete the display.



1) Set the playback window

Click [Settings] → [Screen Parameter Settings] to enter the screen parameter setting interface:

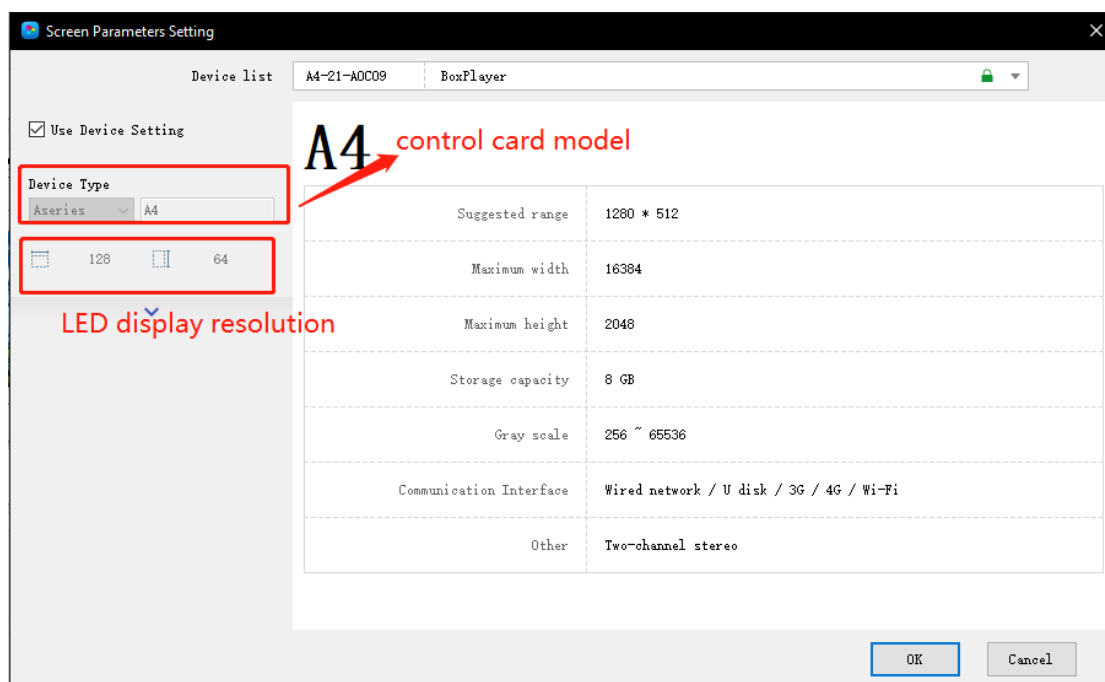


Figure 4-3 Screen parameter settings

- Check the "Use Hardware Settings" option to read back the display resolution.
- When you uncheck "Use Hardware Settings", you can directly set the device model, width, and height ;

- If there are already control cards connected to the computer, the system will automatically display the IDs of these control cards in the "Select Device" option and automatically select a device.
- The software supports operations such as renaming, deleting, creating, adding programs, sending, and closing the "display screen", which can be selected by right-clicking the "display screen" node.

2) Display properties

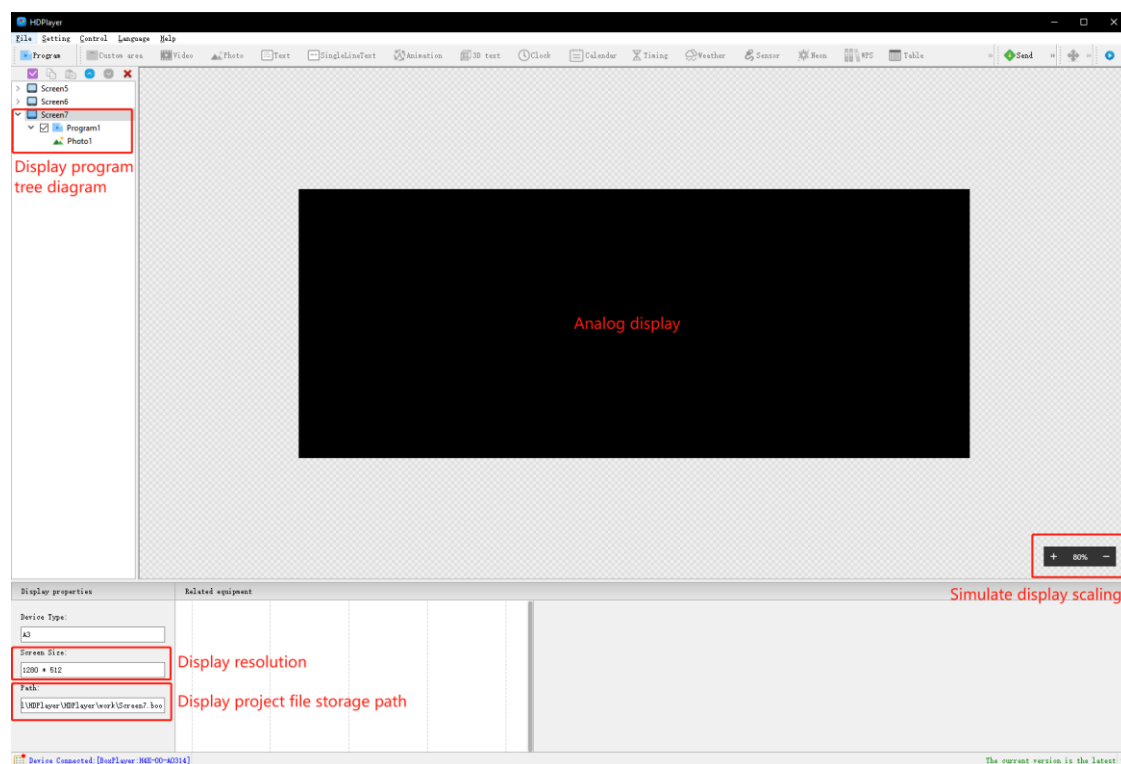


Figure 4-4 Display properties

4.Add program

Click the "Program" icon on the toolbar to create a new program. You need to add a display screen before you can add a program. Multiple programs can be added to one display screen. To delete a "Program", click the "Delete" button on the shortcut operation bar. Can.

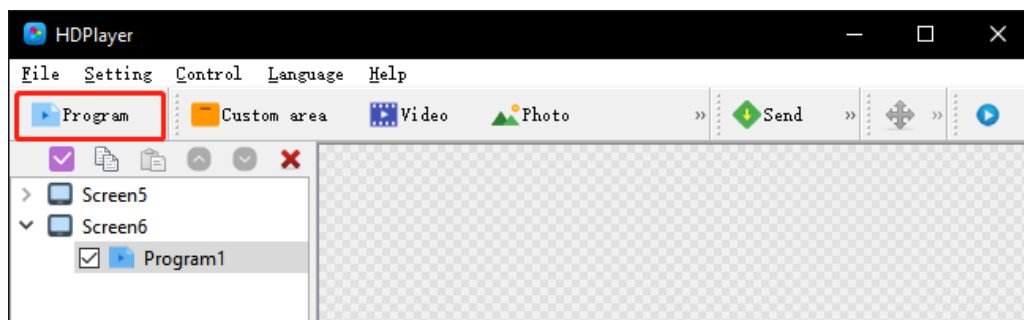


Figure 4-5 Create a new program

The software supports operations such as renaming, deleting, adding, copying, and moving "programs". Users can right-click the "program" node to select it.

1) Program attributes

In the "Program" attribute, you can set the play time, duration, specified time play, and background music and borders of the program. You can select multiple background music. After setting, it needs to be sent to the control card to take effect.

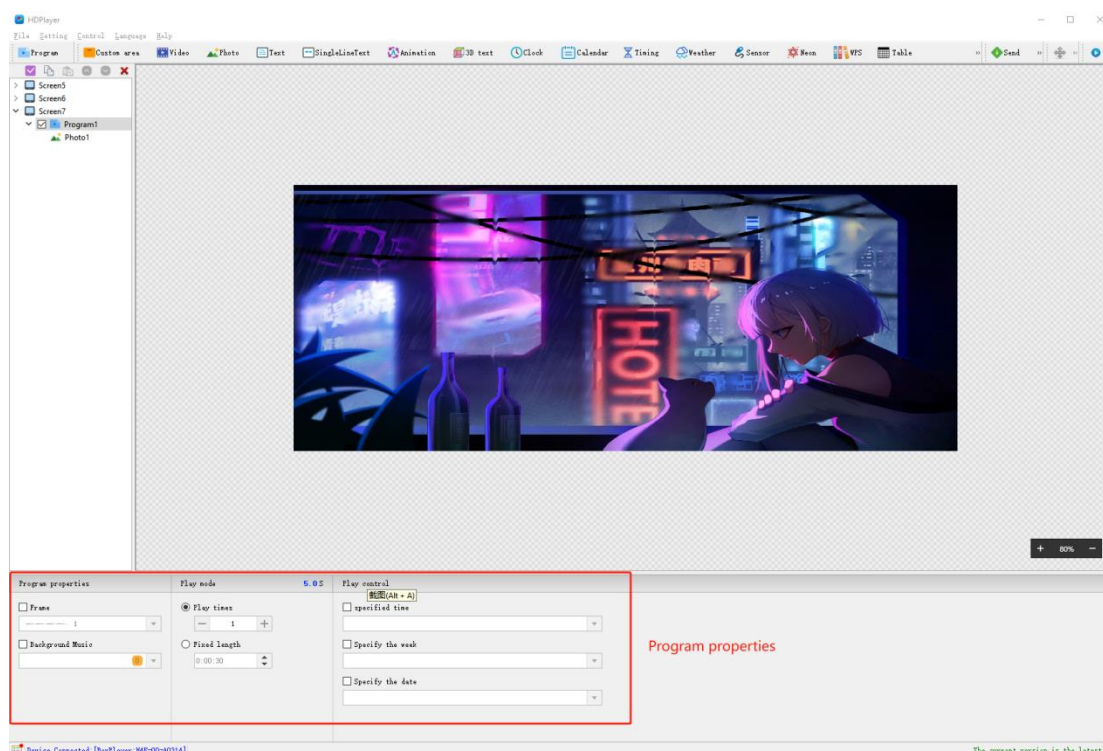


Figure 4-6 Program attributes

The "specified time" is the time when the program is played, and the "playing time" is when it is played within a certain time or time period.

The LED screen will not play the program if it is not within the playing time period.

5. Add custom area

Click the "Custom Area" icon on the toolbar to create a new area (a blue border area appears on the simulation display). You need to add a program before you can add an area. Multiple areas can be added under one program. To delete the "area", click the "Delete" button on the shortcut operation bar.

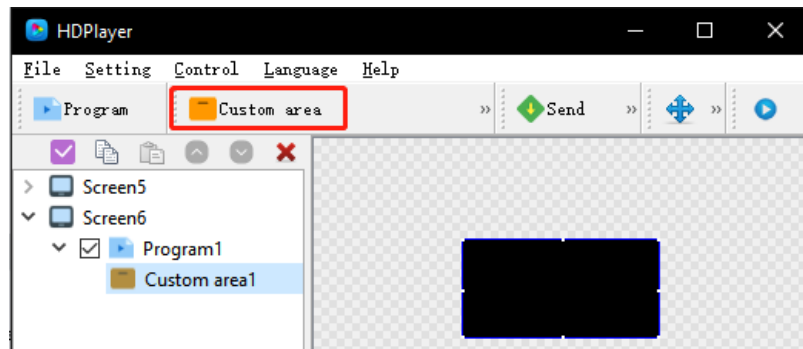


Figure 4-7 Adding a region

The software supports operations such as renaming, deleting, adding, copying, and moving "areas". Users can right-click the "area" node to select it.

1) Regional attributes

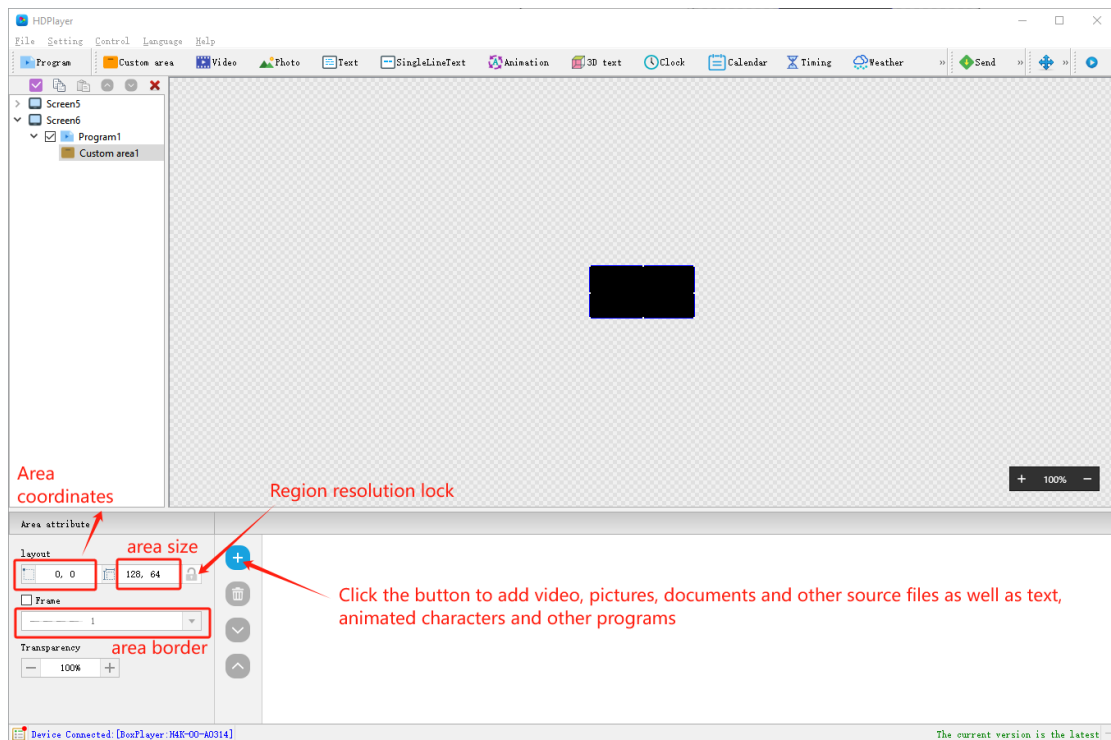


Figure 4-8 Region attributes

Change area location and size

- Set X/Y coordinates, width and height
- Drag an area or stretch in the play window
- the option directly from the toolbar



You can also set the area border and transparency. "Duration" is the time it takes for the area to finish playing once.

6. Add areas such as videos, pictures, animations, clocks, etc.

Click the corresponding icon on the toolbar to add videos, pictures, and animated characters. To delete a "region", click the "Delete" button on the shortcut operation bar.

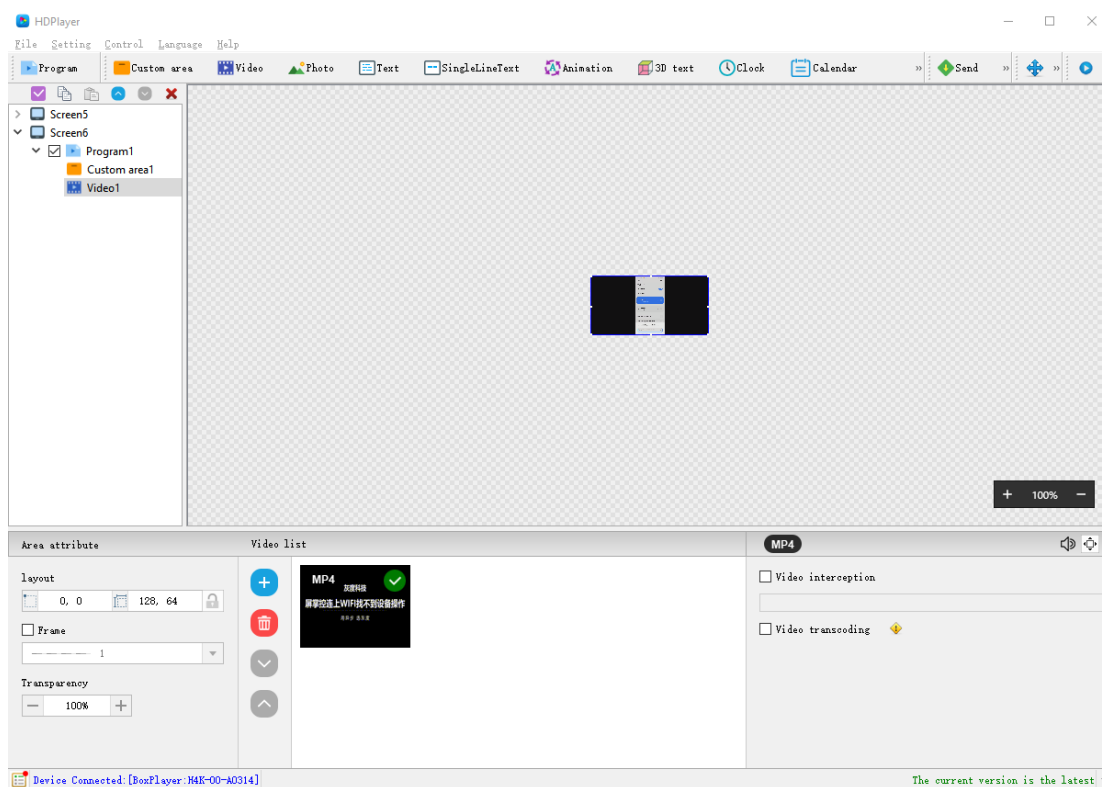


Figure 4-9 Adding a region

1) Video properties

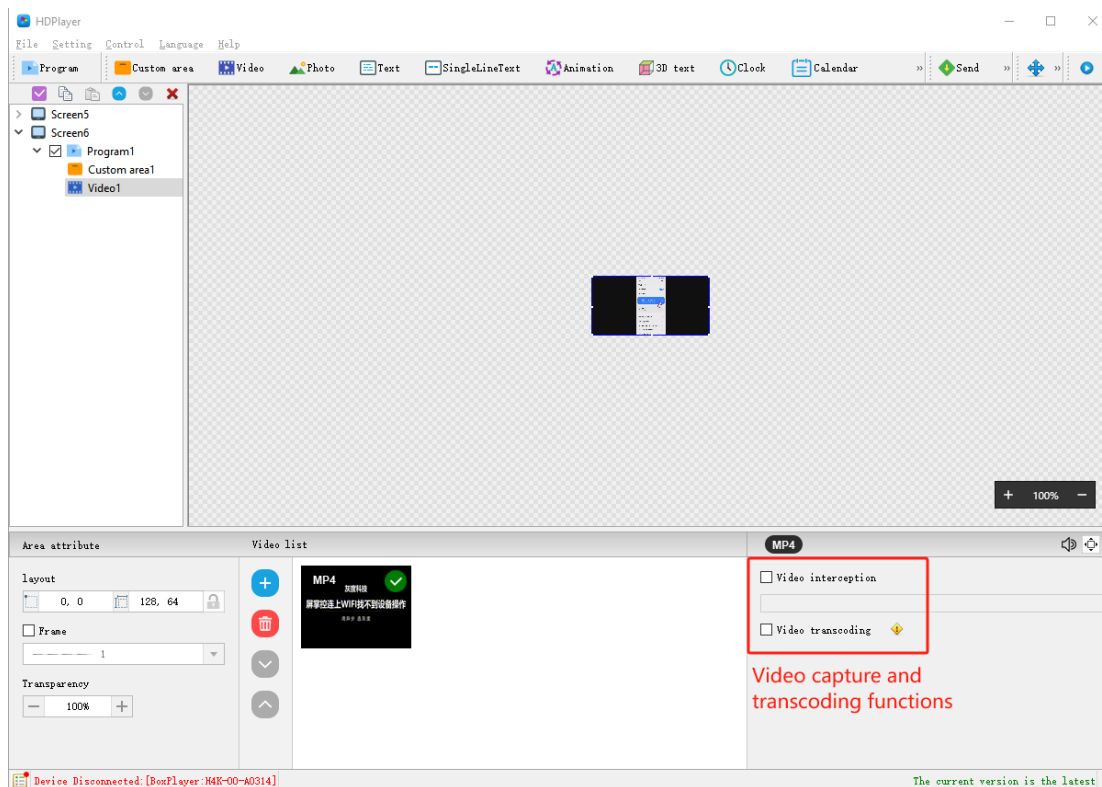


Figure 4-10 Video properties

2) Image attributes

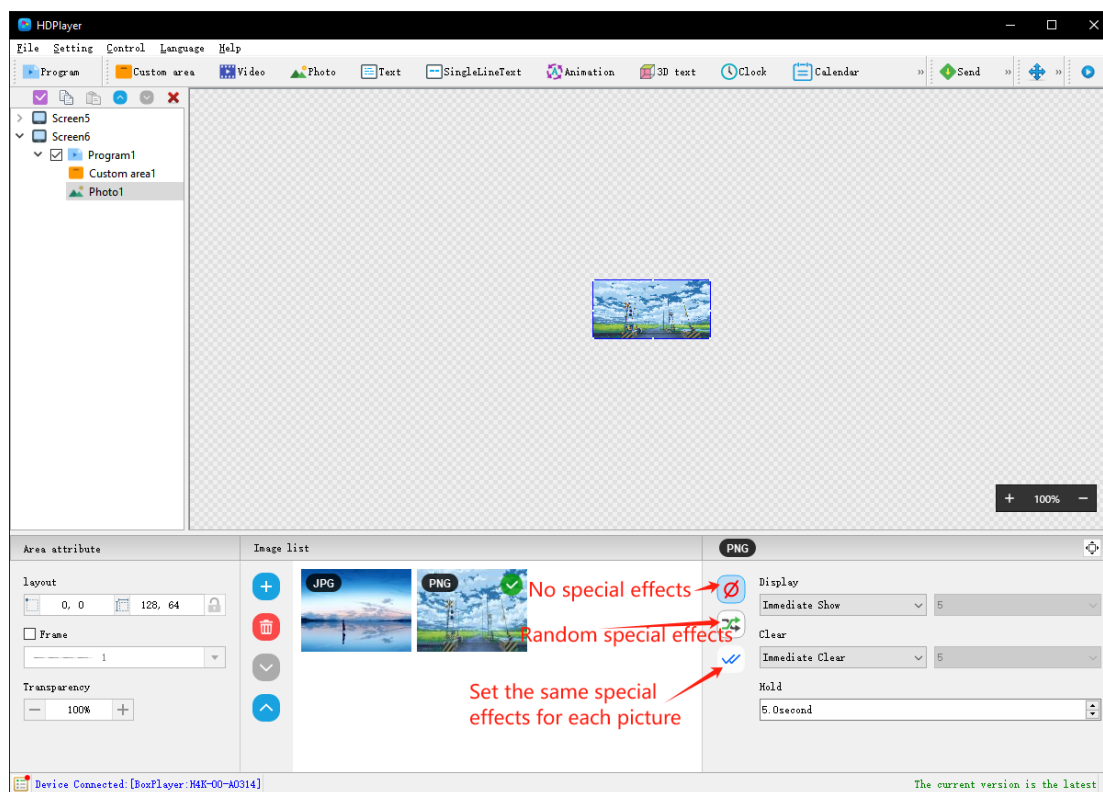


Figure 4-11 Image attributes

You can set the picture display effects, display speed, and the time between display and clearing the screen.

3) Gif animation properties

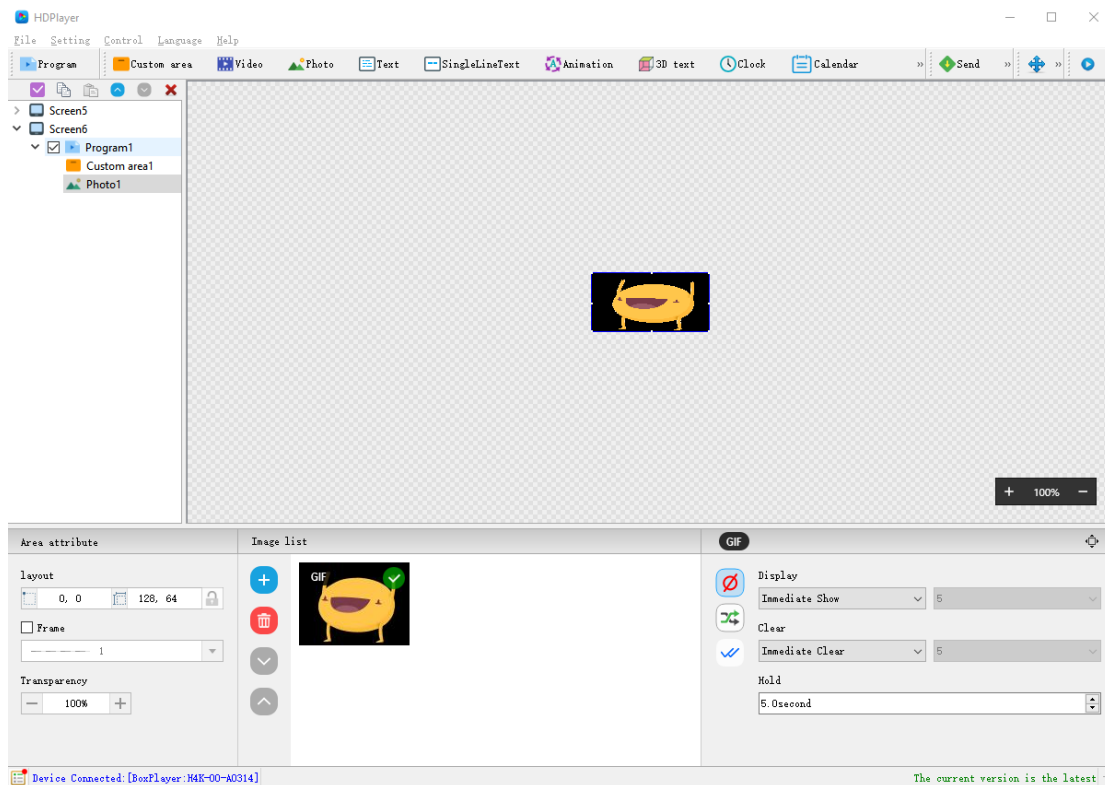


Figure 4-12 Gif attributes

You can set the Gif picture display effects, display speed, and the time between display and screen clearing, etc., just like the JPG picture special effects.

4) Document properties

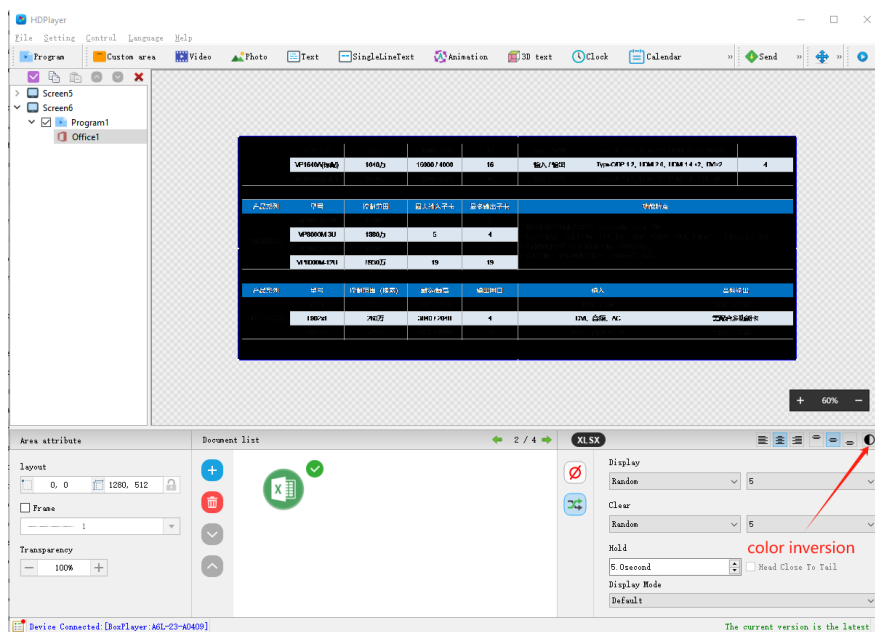


Figure 4-13 Document properties

When adding documents, the computer needs to install one of Office2007, Office2010, and WPS (software version 5.1.15.0 or above supports WPS). It supports documents in Word, Excel, PPT and other formats. The display effects of the document can be set (40 display and Screen clearing effect), display speed, time between display and screen clearing, and text color inversion. Excel document alignment can be set (6 alignments).

5) WPS properties

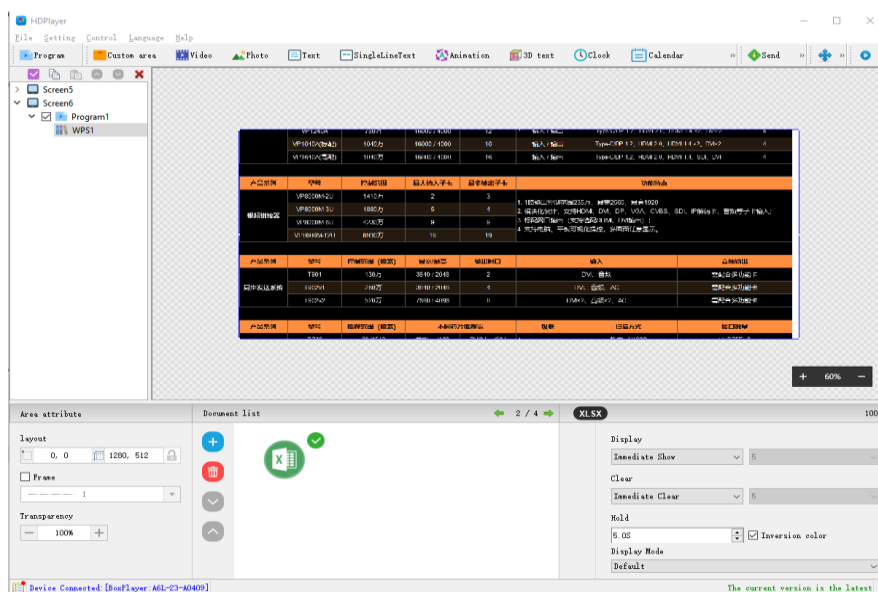


Figure 4-1 4 WPS properties

It is basically the same as the document area, just add the source file directly.

6) table properties

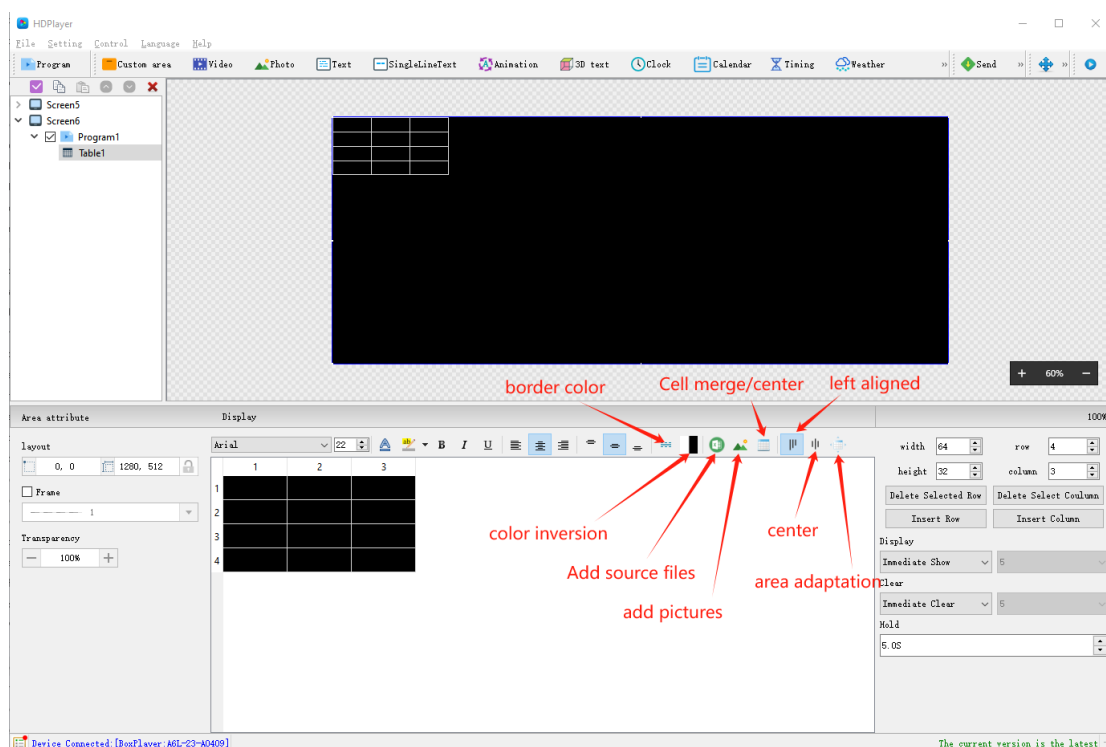


Figure 4-1 5 WPS properties

7. Add multiple lines of text

Click the "Text" icon on the toolbar to add multi-line text. To delete "multi-line text", click the "Delete" button on the shortcut operation bar.

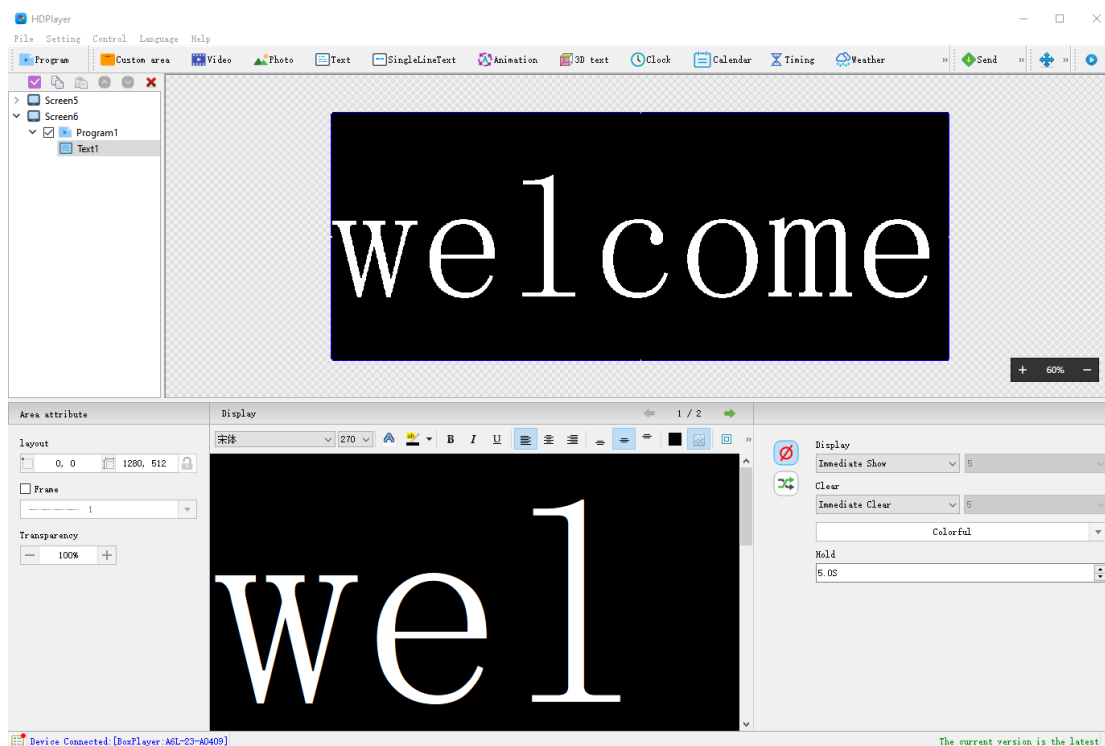


Figure 4-1 6 Add multiple lines of text

The software supports operations such as renaming, deleting, adding, copying, and moving "multiline text". Users can right-click the "Text" node to select it.

1)Text attribute

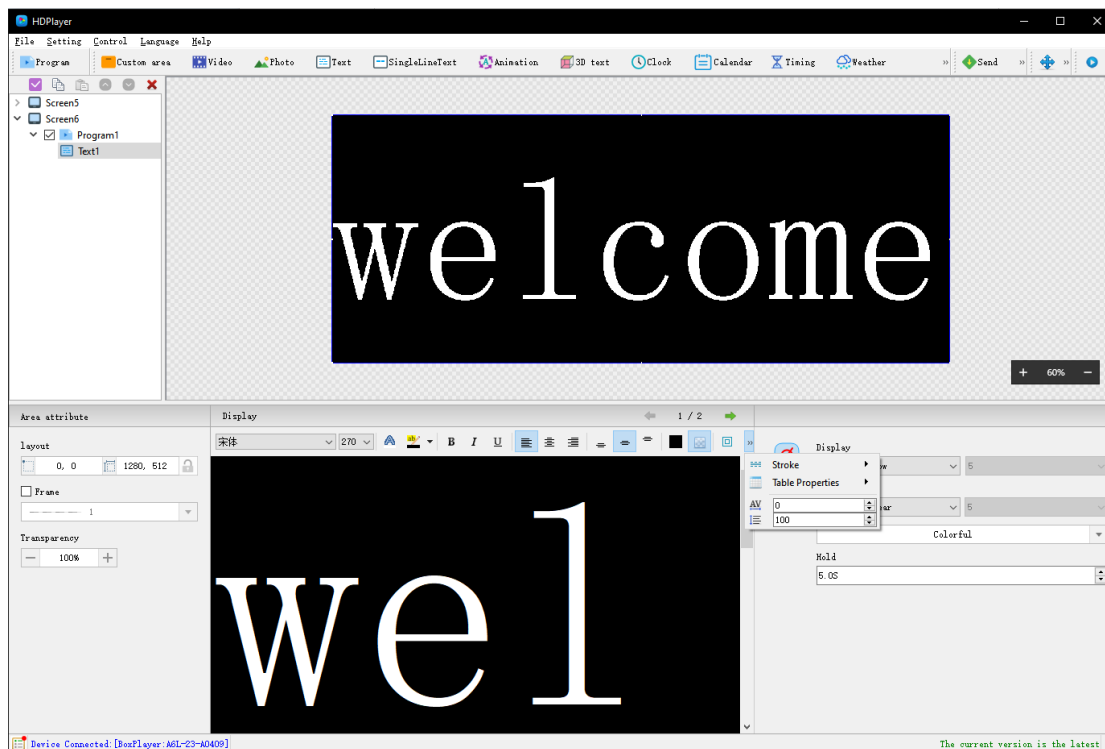


Figure 4-1 7 multi-line text attributes

You can set the text display effects (40 display and screen clearing effects), display speed, time between display and screen clearing, and text editing. You can import text in Word, TXT, RTF and other formats;

8. Add a single line of text

Click the "Single Line Text" icon on the toolbar to add a single line of text. To delete the "Single Line Text", click the "Delete" button on the shortcut operation bar.

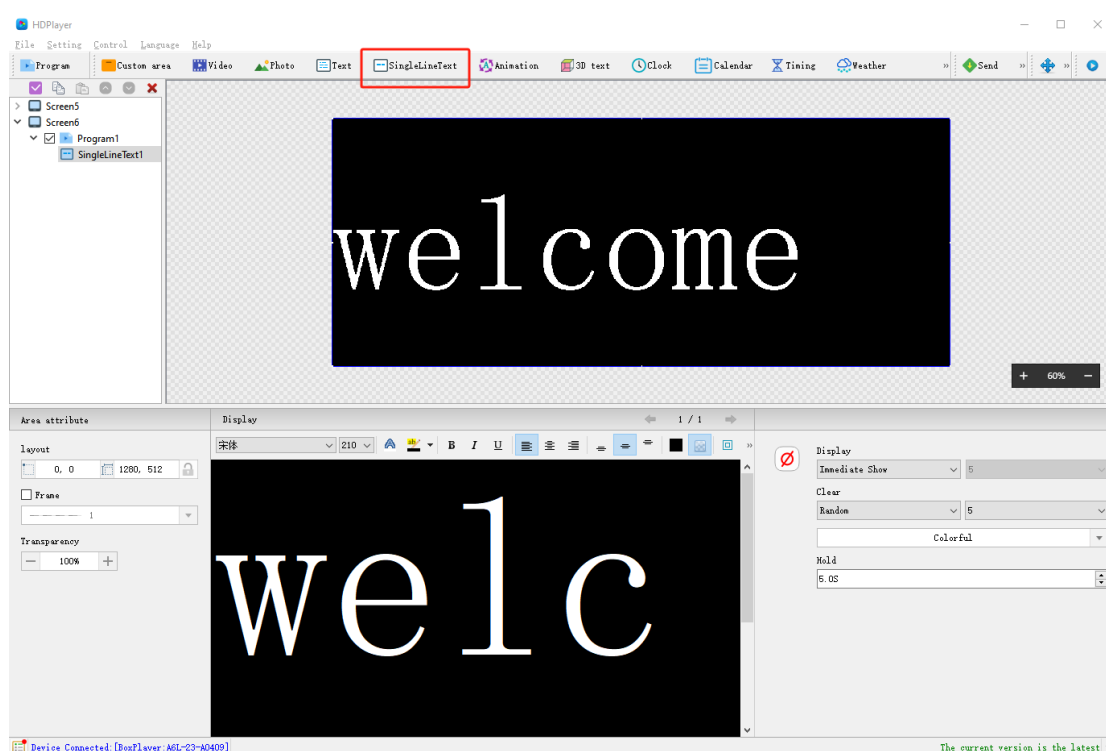


Figure 4-1 8 Add a single line of text

The software supports operations such as renaming, deleting, adding, copying, and moving "Single Line Text". Users can right-click the "Single Line Text" node to select it.

1)Single line text attribute

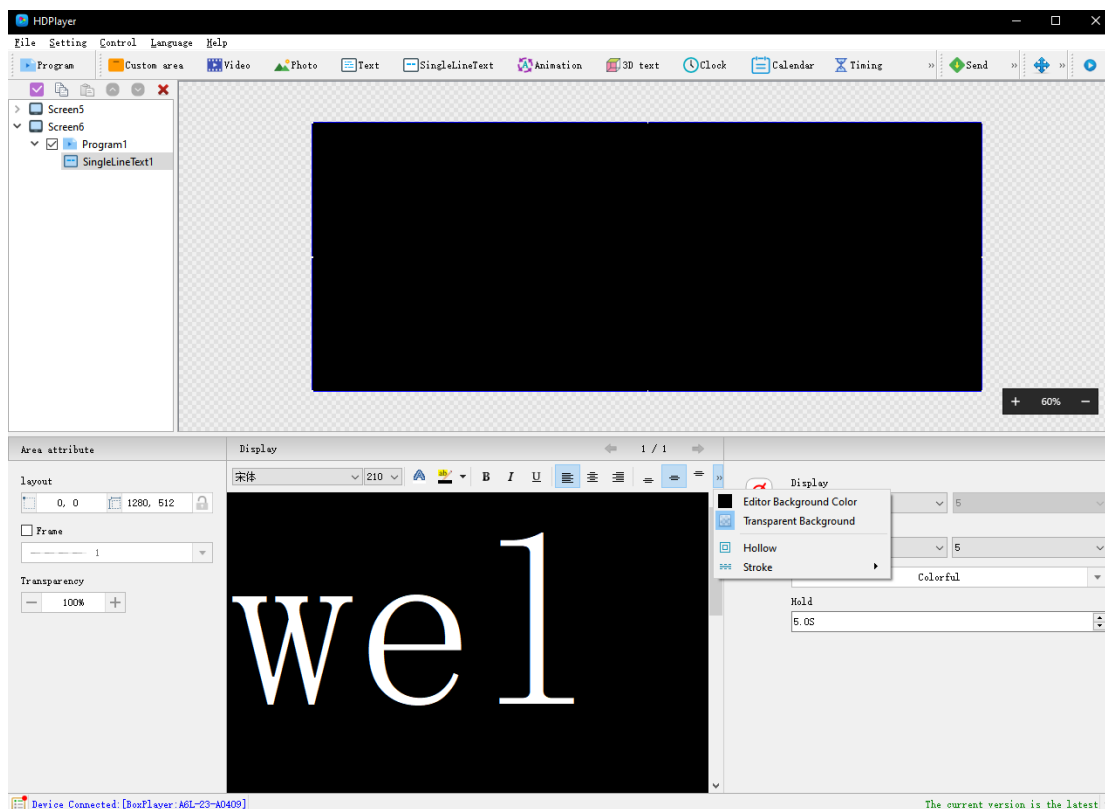


Figure 4-1 9 single-line text attributes

Supports two special effects: "normal special effects" and "continuous movement". "Normal special effects" can set the display special effects of a single line of text (40 display and screen clearing special effects), the display speed, the time between display and screen clearing, and the length of the text. Edit, display as a single line display; "Continuous Move" can set continuous left or right movement, whether the first position is connected, playback speed, playback time, play times, etc., and display as a single line.

9. Add a clock

Click the "Clock" icon on the toolbar to add a clock. To delete the "Clock", click the "Delete" button on the shortcut operation bar.

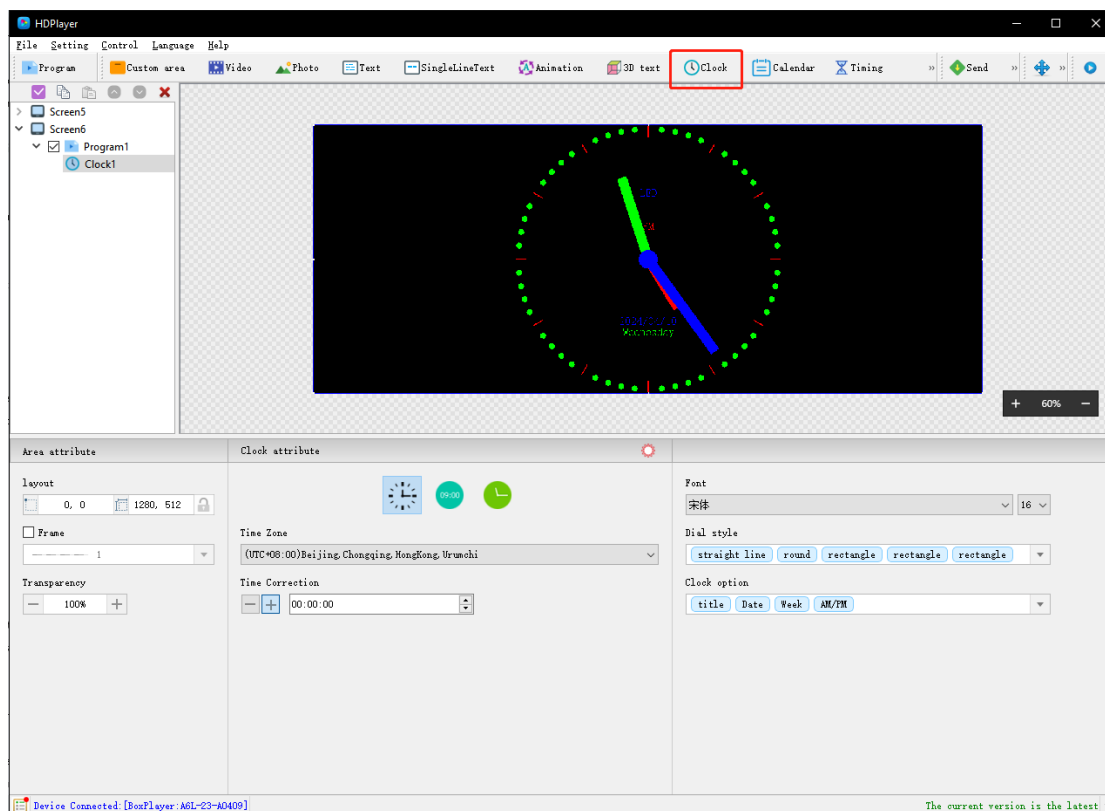


Figure 4-20 Adding a clock

The software supports operations such as renaming, deleting, adding, copying, and moving "clocks". Users can right-click the "clock" node to select it.

1) Clock attributes

Supports three clock types: "analog clock", "digital clock" and "picture clock". Set different time zones, correct the time if there is any deviation, set various display modes of the clock, description text, spacing, font type, font size, etc.

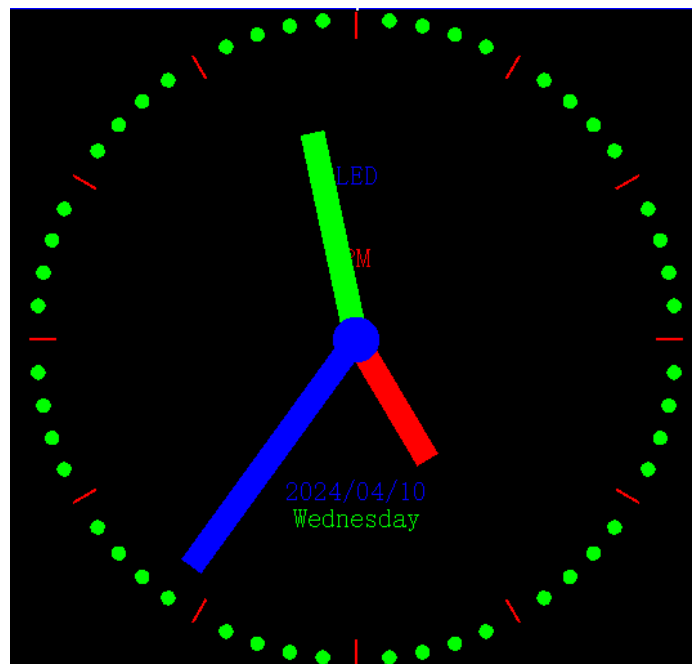


Figure 4-21 Analog clock display

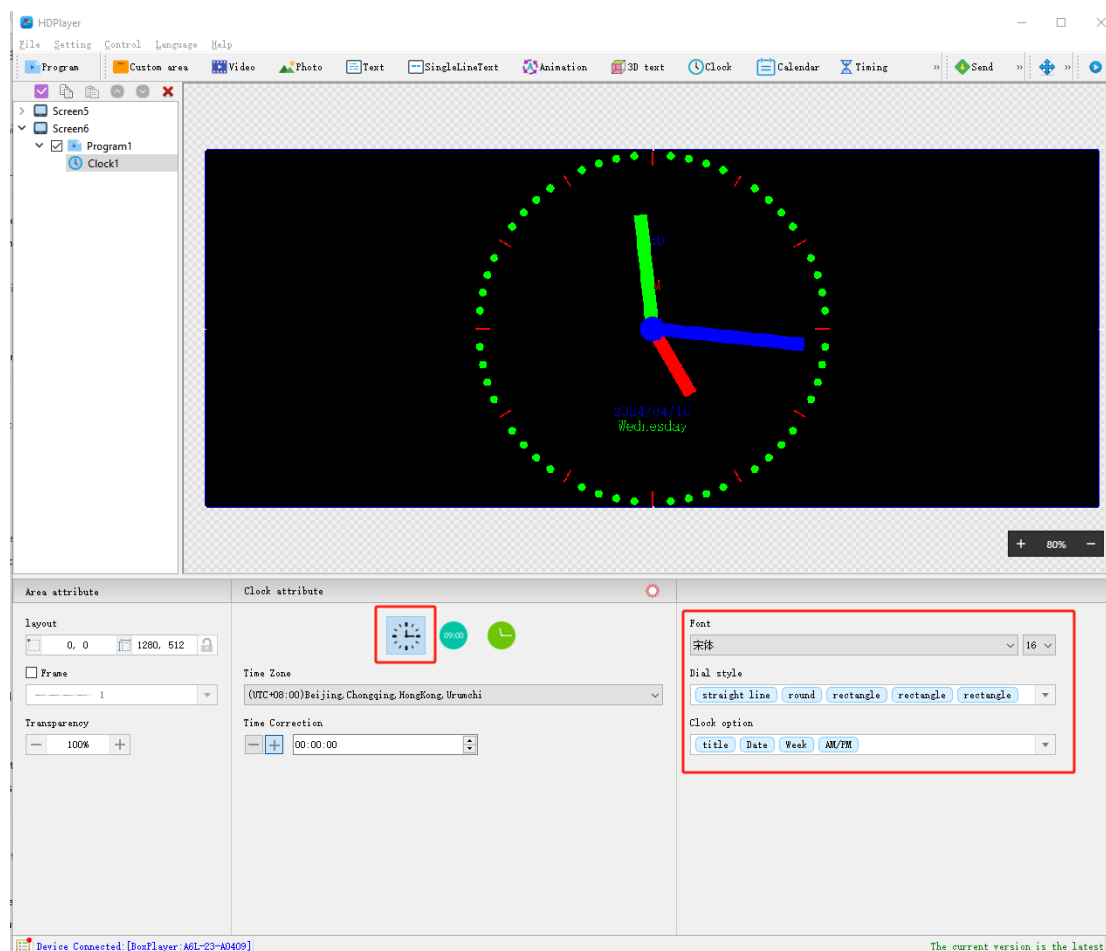


Figure 4-22 Analog clock properties

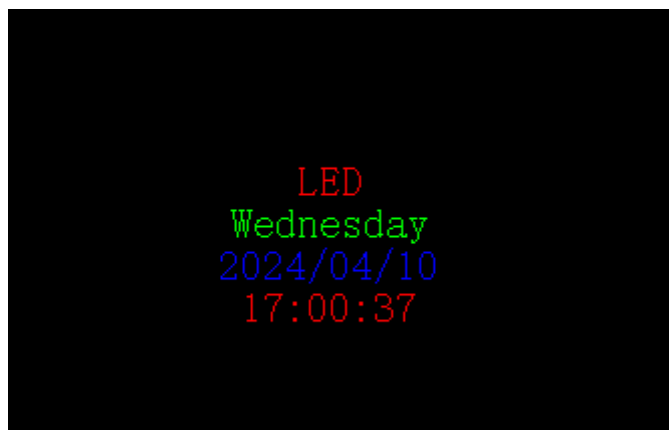


Figure 4-23 Digital clock display

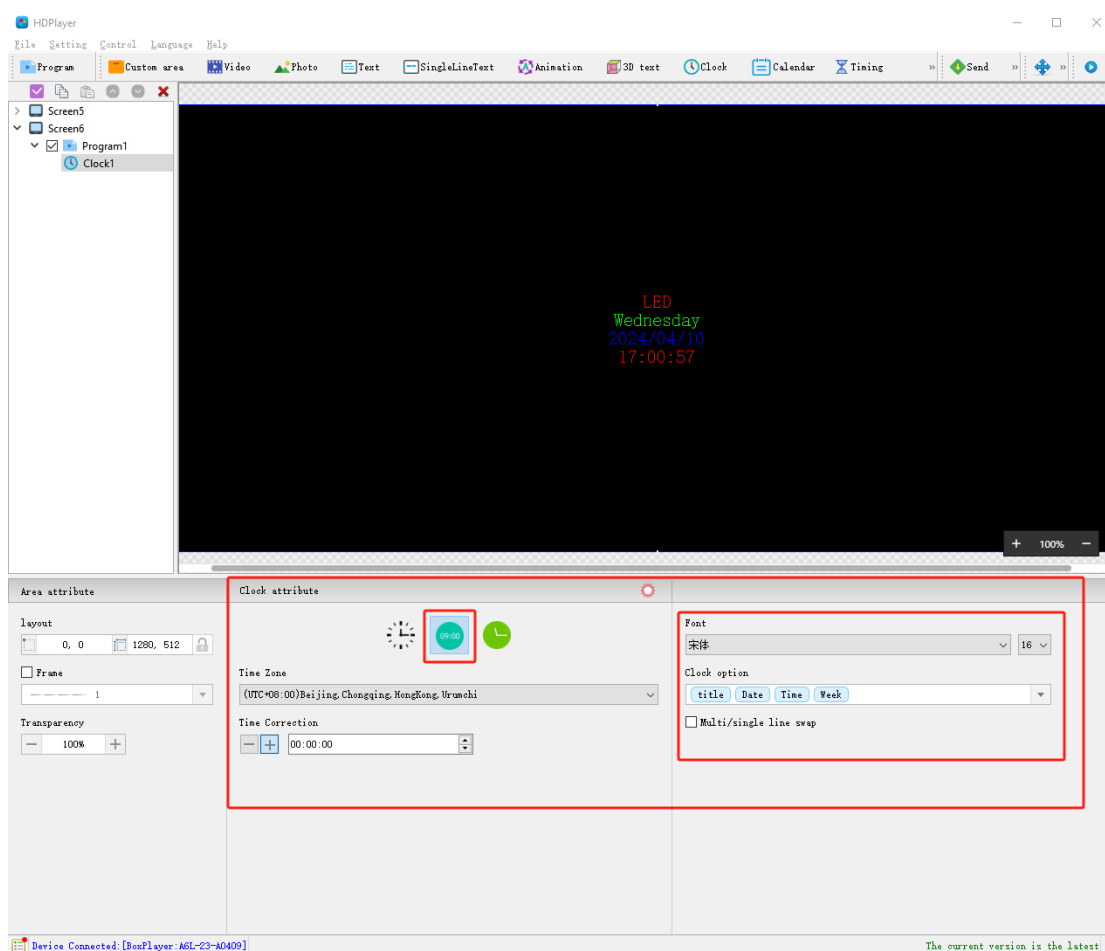


Figure 4-24 Digital clock properties



Figure 4-25 Picture clock display

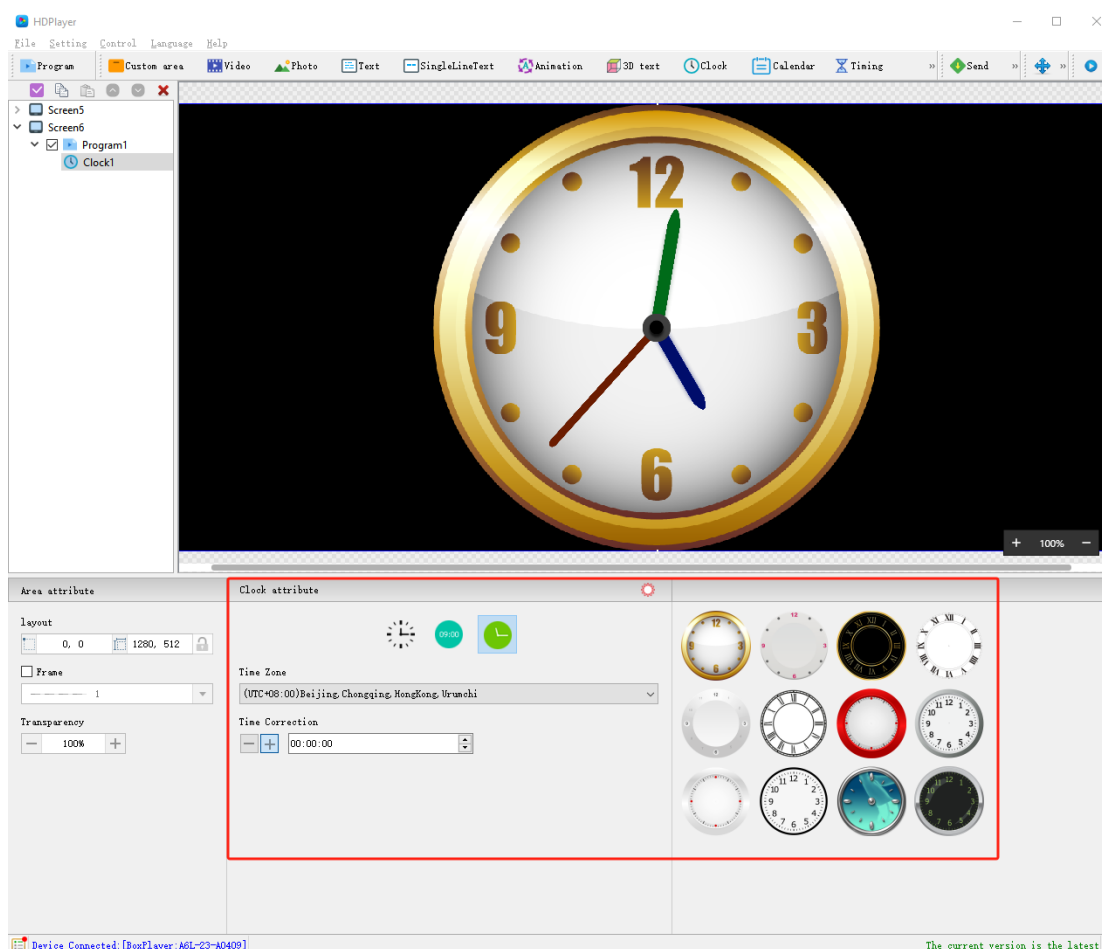


Figure 4-26 Picture clock properties

10. lunar calendar

Figure 4-27 Picture clock properties

11. Add timing

Click the "Timing" icon on the toolbar to add timing. To delete "Timing", click the "Delete" button on the shortcut operation bar.

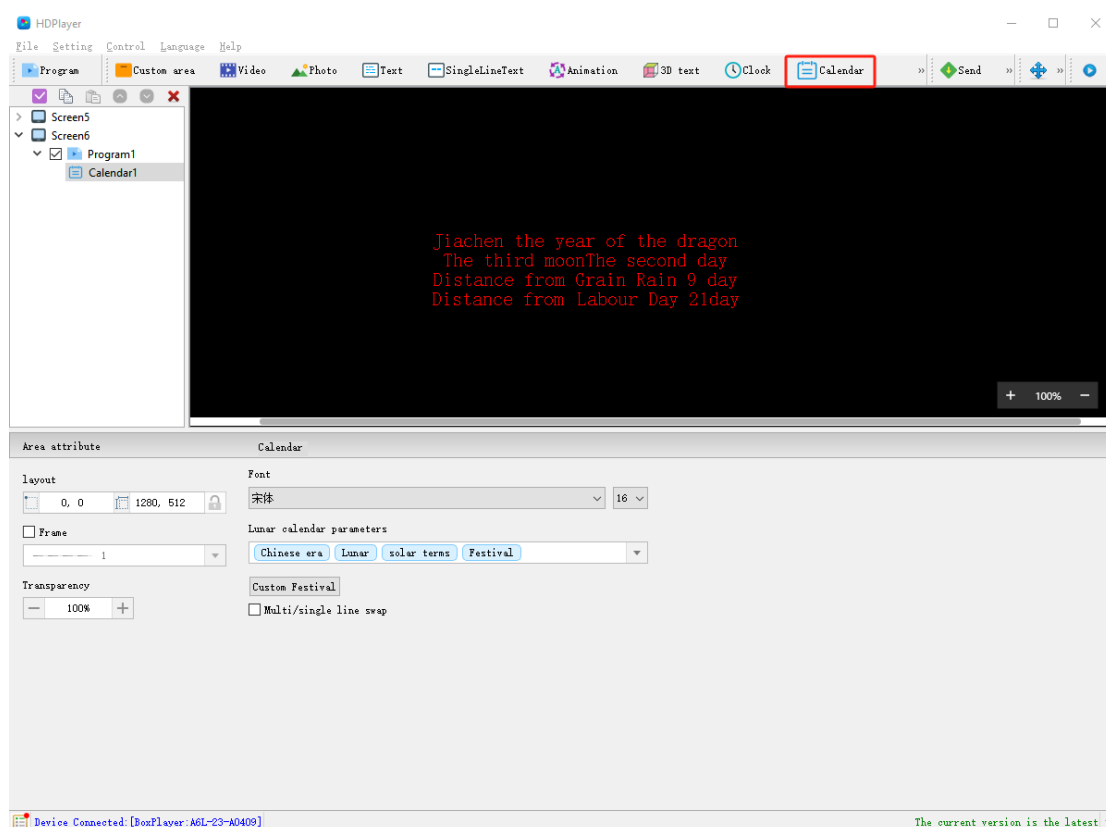


Figure 4-2 8 Add timing

The software supports operations such as renaming, deleting, adding, copying, and moving "timing". Users can right-click the "timing" node to select it.

1) Timing attributes

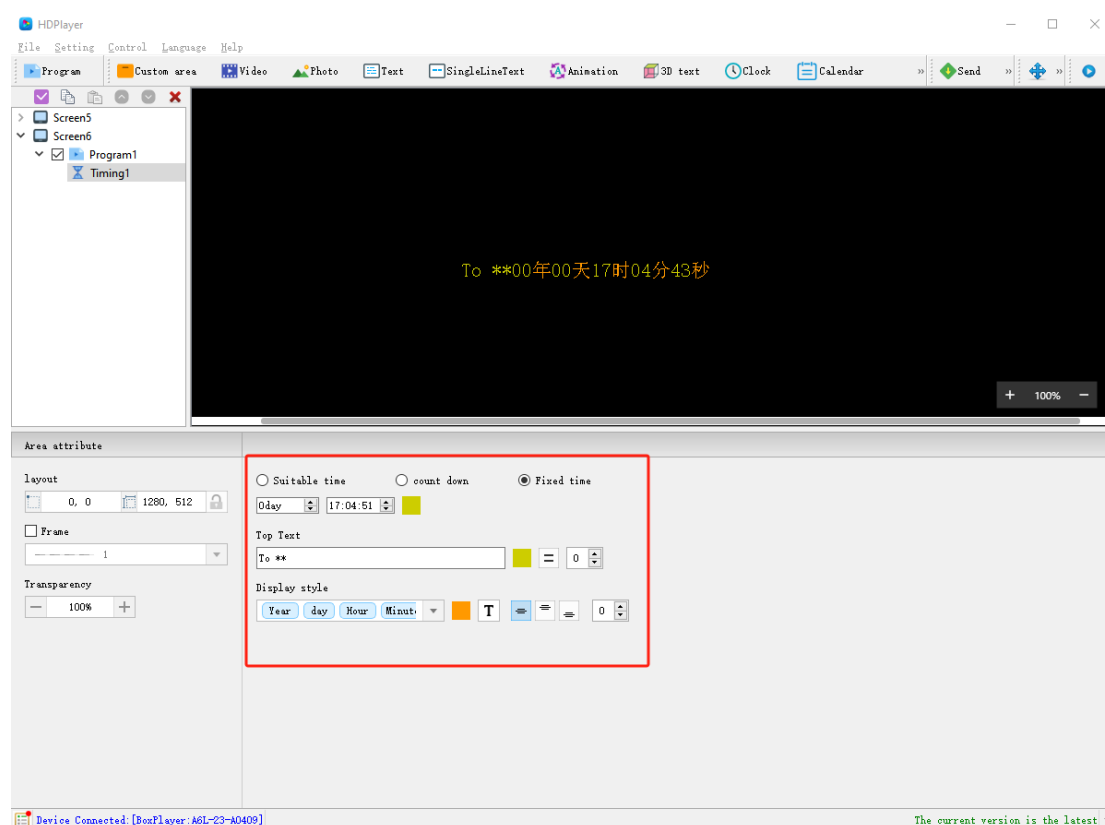


Figure 4-29 Timing attributes

Set timing method, display style, target time, spacing, font type, font size and color, etc.

12. Add sensors

Click the "Sensor" icon on the toolbar to add temperature /humidity/PM2.5/PM10/wind power/wind direction/noise . To delete a "sensor", click the "Delete" button on the shortcut operation bar.

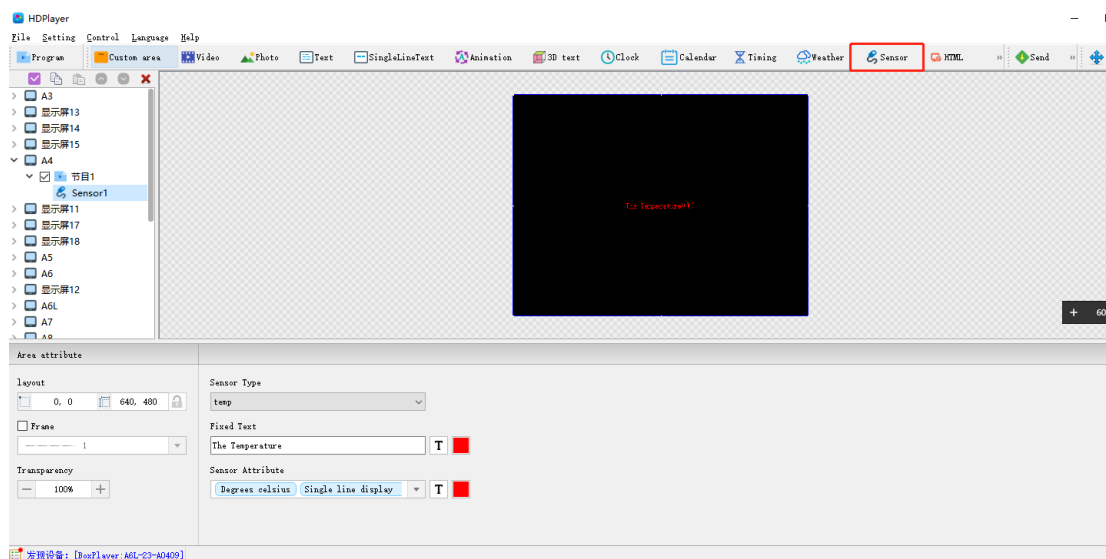


Figure 4-30 Add sensor

Note: The control card must be connected to the corresponding external sensor before the temperature value can be displayed on the LED screen.

1) Sensor properties

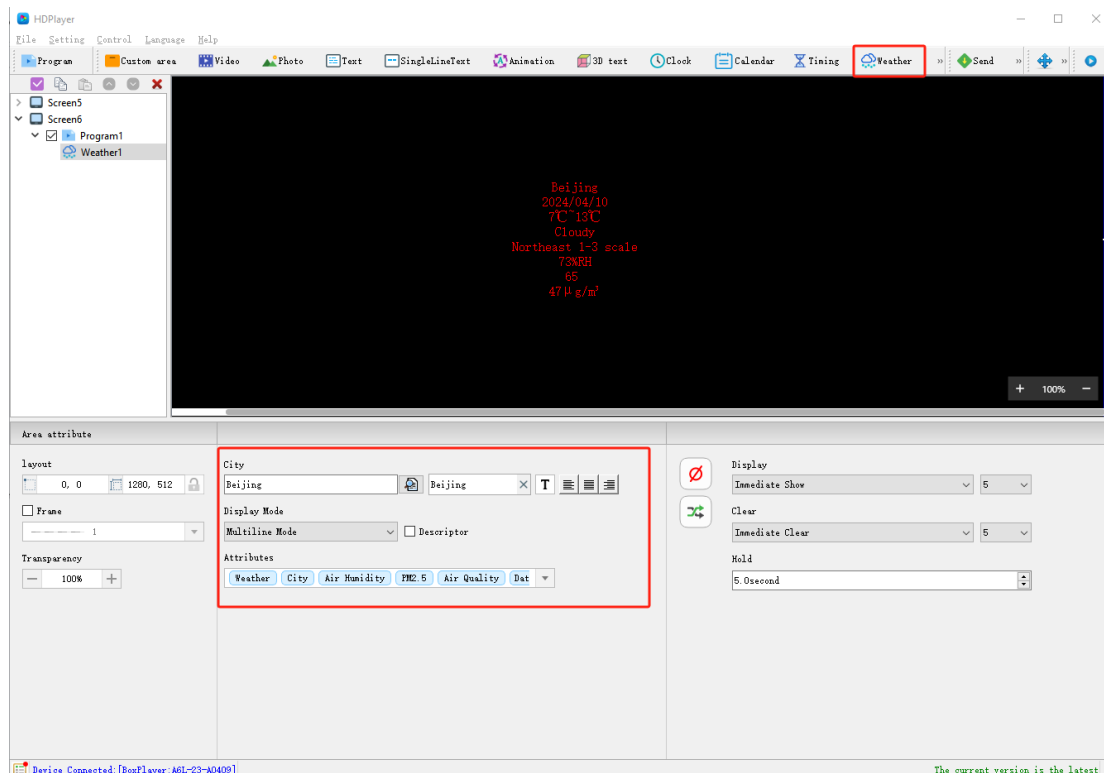


Figure 4-31 Sensor properties

Font size, color, temperature unit, etc. can be set.

13. Add animated characters

Click the "Animation Word" icon on the toolbar to add temperature. To delete the "Animation Word", click the "Delete" button on the shortcut operation bar.

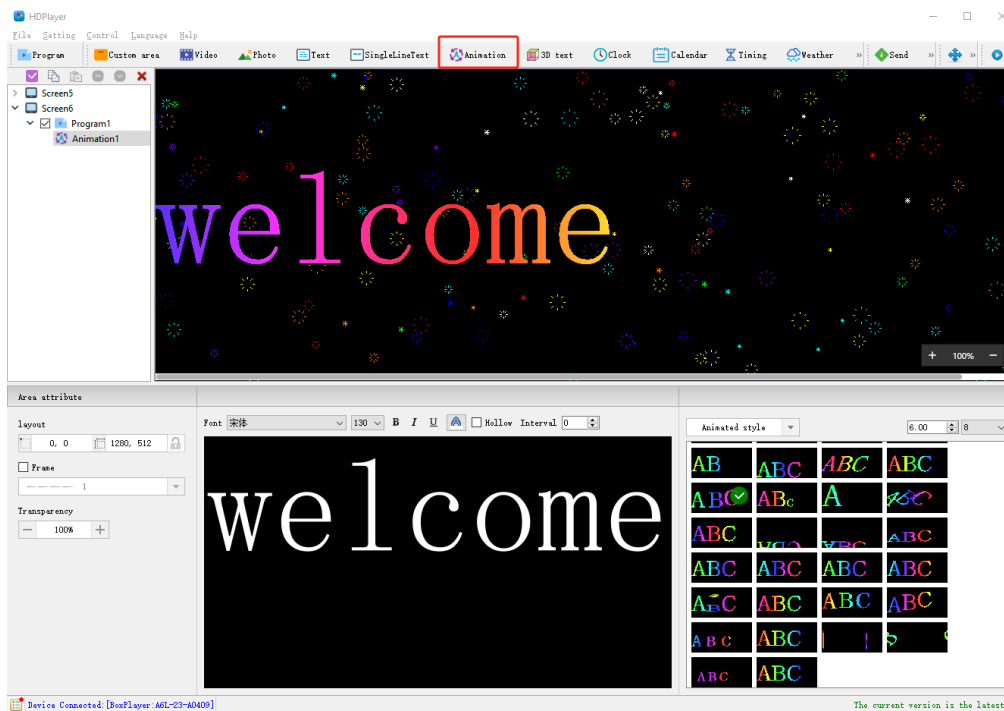


Figure 4-32 Add animated characters

1) Animated word attributes

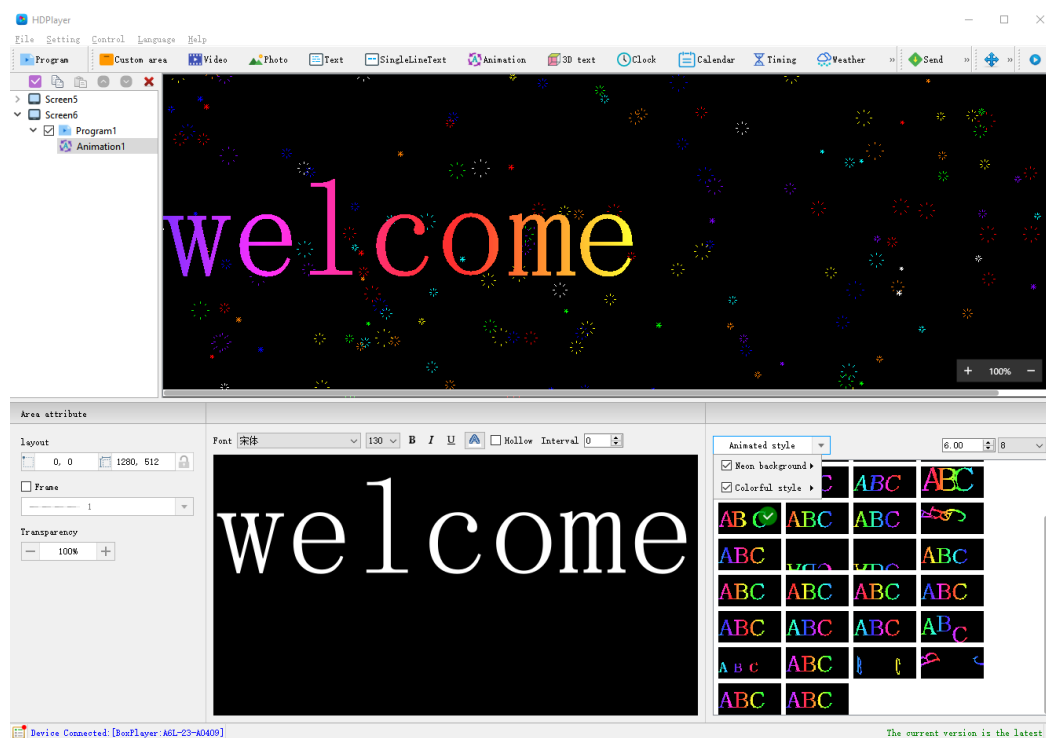


Figure 4-3 3 animated word attributes

Set description text, select font color, text effects, effect speed, etc.

1 4. Add neon

Click the "Neon" icon on the toolbar to add neon. To delete "neon", click the "Delete" button on the shortcut operation bar.

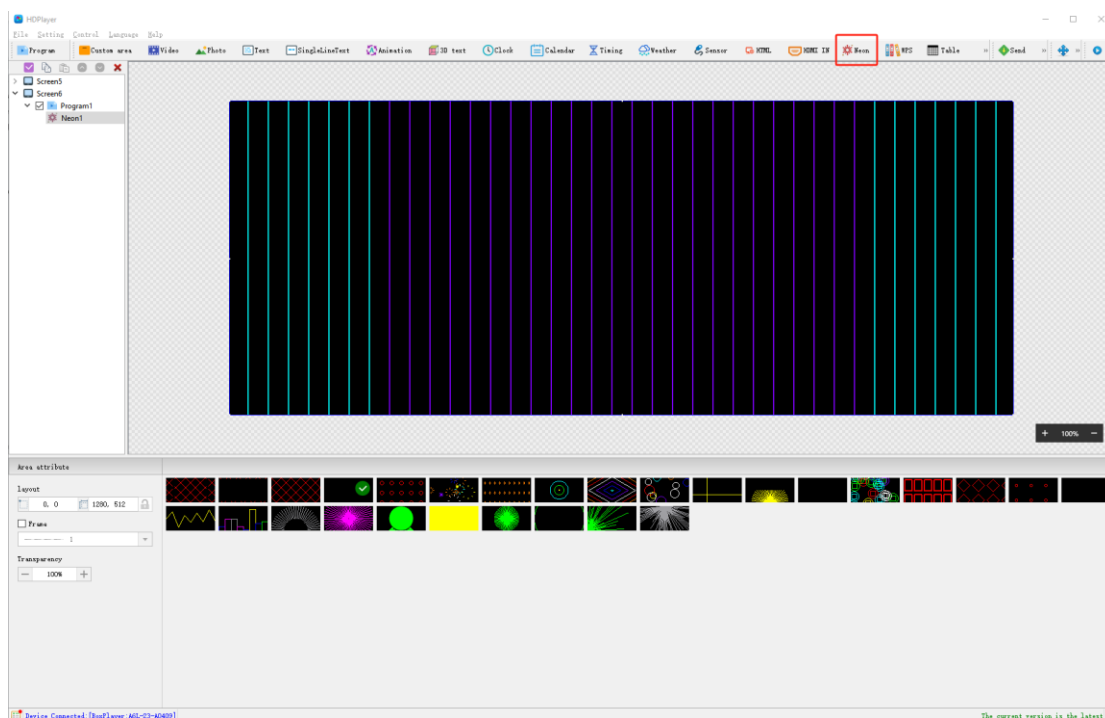


Figure 4-3 4 Add neon

1 5. Streaming media

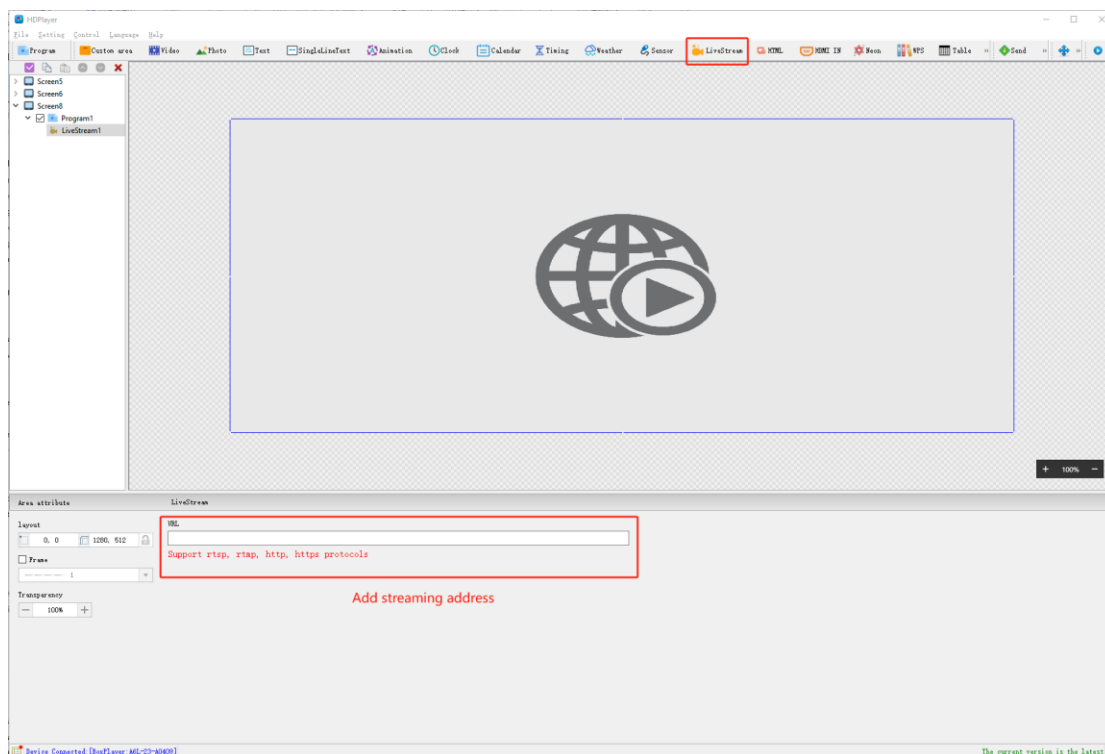


Figure 4-3 5 Add streaming media

The streaming media area is used to display various types of streaming media. Currently supported devices are A3L/A4L/A5L/A6L/A7/A8

16. HTML

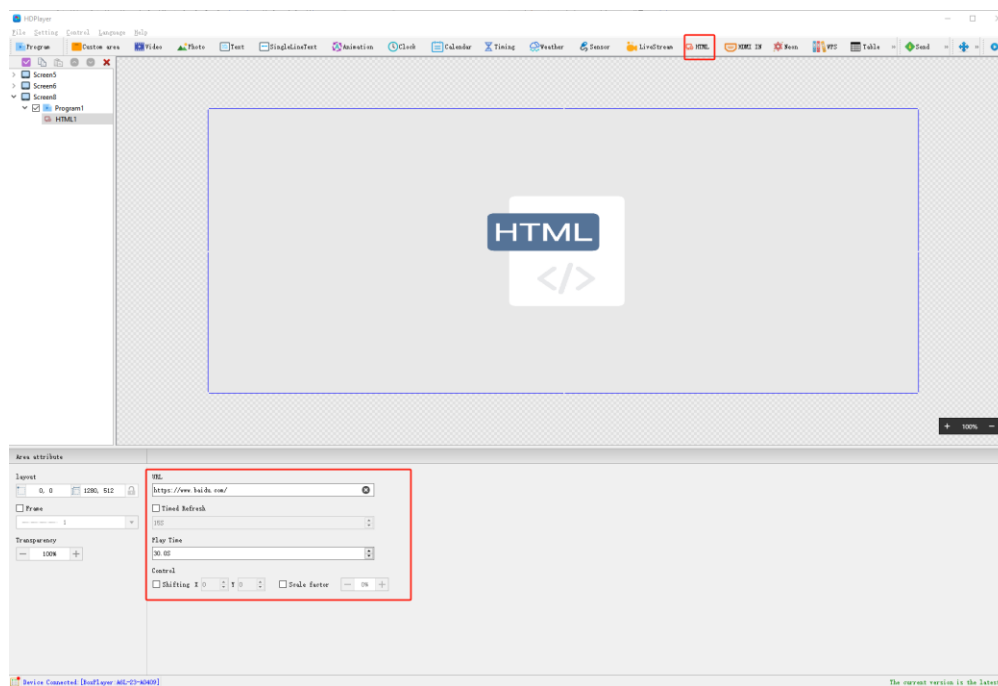


Figure 4-3 6 Add HTML

The HTML area is used to display web content. Currently supported devices are A4/A5/A6/A3L/A4L/A5L/A6L/A7/A8

17. HDMI IN

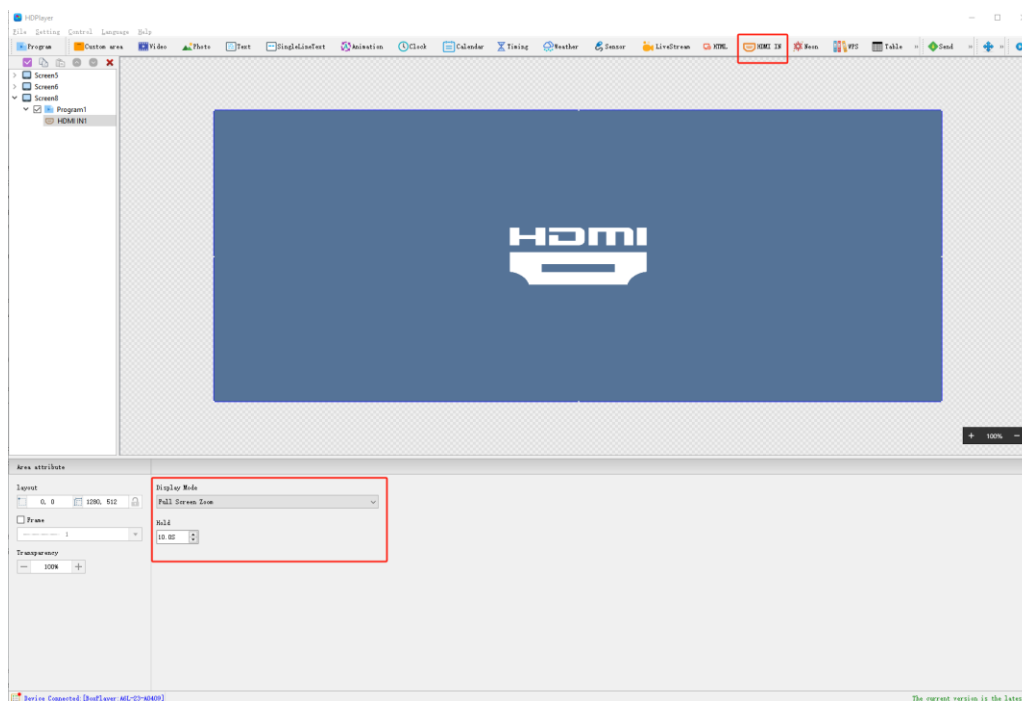


Figure 4-3 6Add HDMI IN

The HDMI IN area is used for synchronous and asynchronous partition display. Currently supported devices are A4/A5/A6/A3L/A4L/A5L/A6L/A7/A8

18. QR code

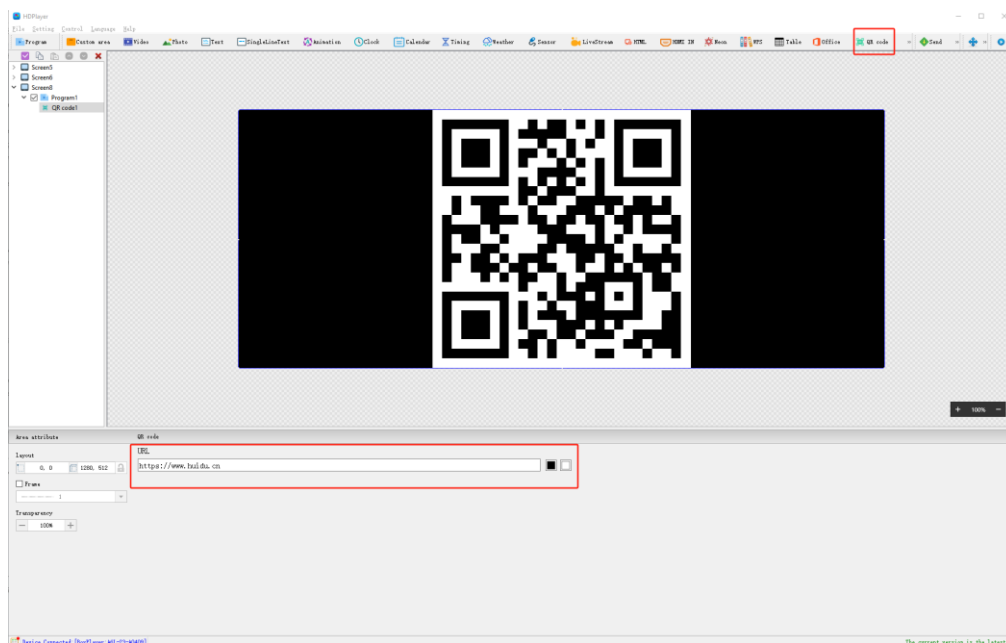


Figure 4-3 7 Add QR code

Add a URL to the QR code area and send it to the display. Scan the code with your phone or other mobile terminal to browse the web content. Currently supported devices are A3L/A4L/A5L/A6L/A7/A8

19. digital watch

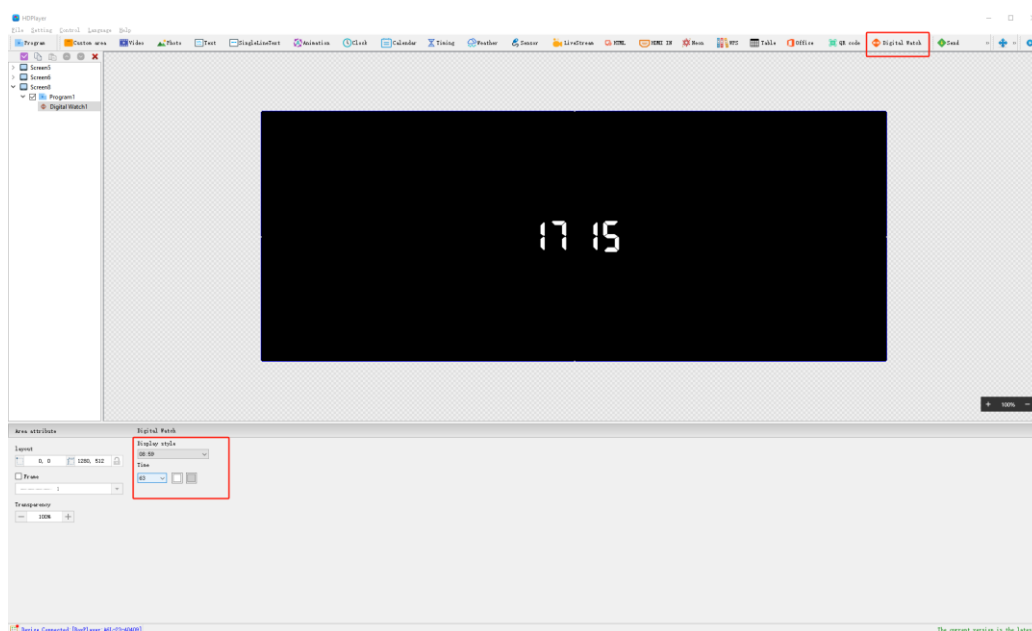


Figure 4-3 8 Add spreadsheet

20. Program preview and save

1) Program preview

After the program is edited, you can click the play button in the toolbar  to preview,  pause, and  stop the program.

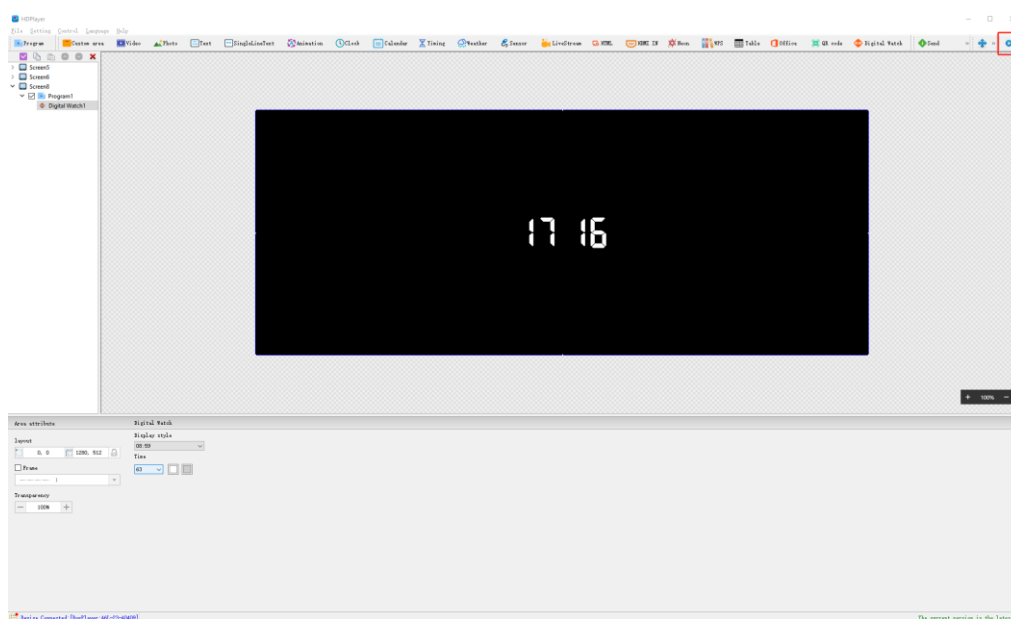


Figure 4-3 9 program preview

Play: Play the first program in the selected display in a loop, and the program cannot be edited at this time;

Pause: The display screen pauses playback, the picture is still, and the program cannot be edited;

Stop: The display shows the content played before playback, and returns to the editing state;

2) Program saving

Select [File] → [Save] in the menu bar, or directly press the shortcut key Ctrl+S. The edited program will be saved in the work folder in the installation directory by default. The file name is "display name.boa". Next time You can select [File] → [Open] to use it.

Select [File] → [Save As] in the menu bar. You can choose the save location and set the file name for the edited program. You can open it directly for use next time.

21. Save the display file as

Save As] in the menu bar to export the currently edited display file to a custom path for use on a different computer next time.

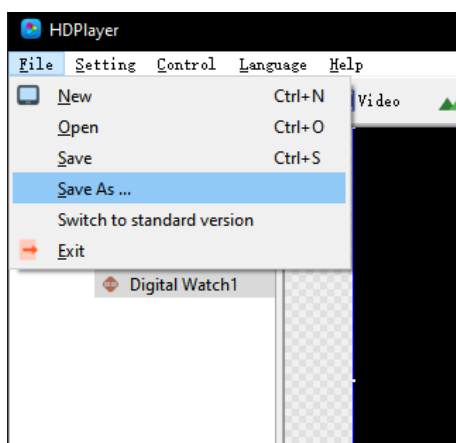


Figure 4-40 Save file as

22. Add 3D text

Click the "3D Text" icon on the toolbar to add 3D subtitles. To delete "3D Text", click the "Delete" button on the shortcut operation bar.

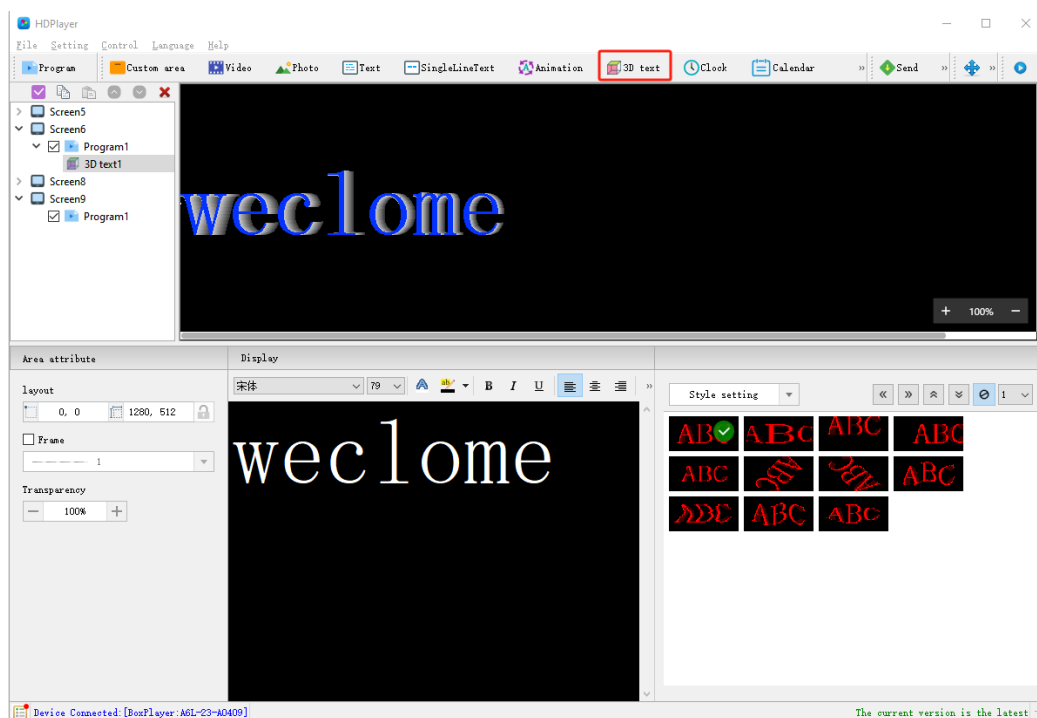


Figure 4-41 Add 3D text

1) 3D text properties

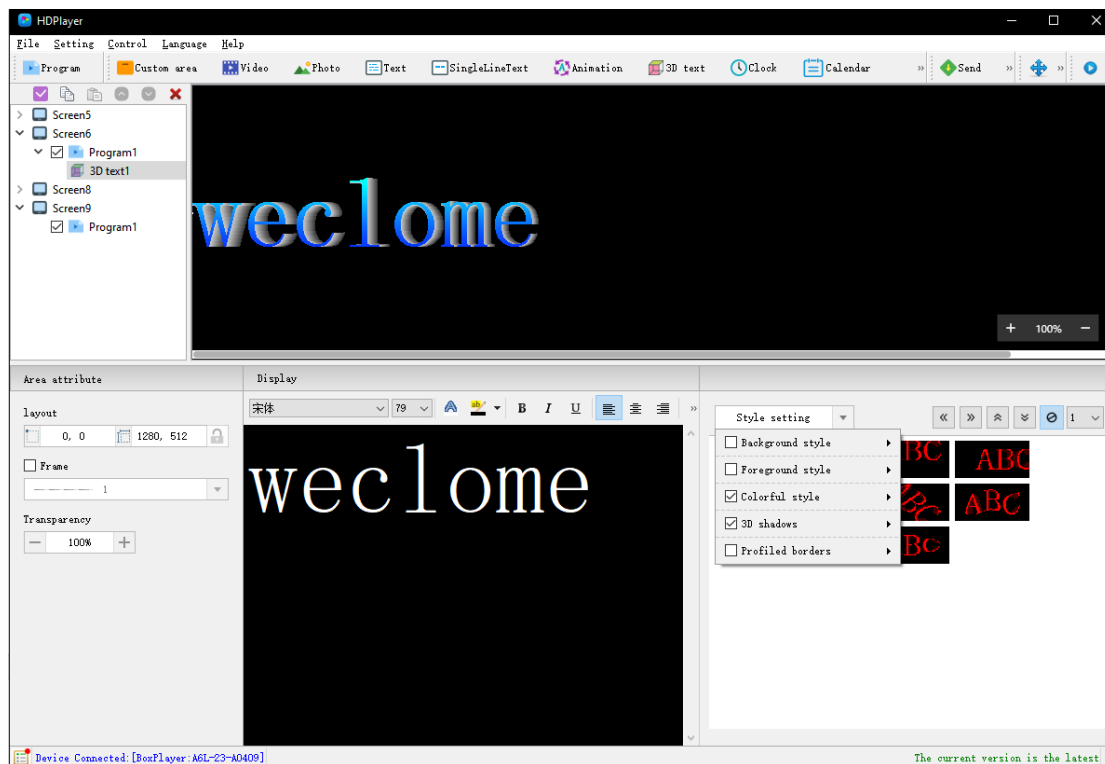


Figure 4-42 3D text attributes

1 7.Add weather

Click the "Weather" icon on the toolbar to add weather. To delete "Weather", click the "Delete" button on the shortcut operation bar.

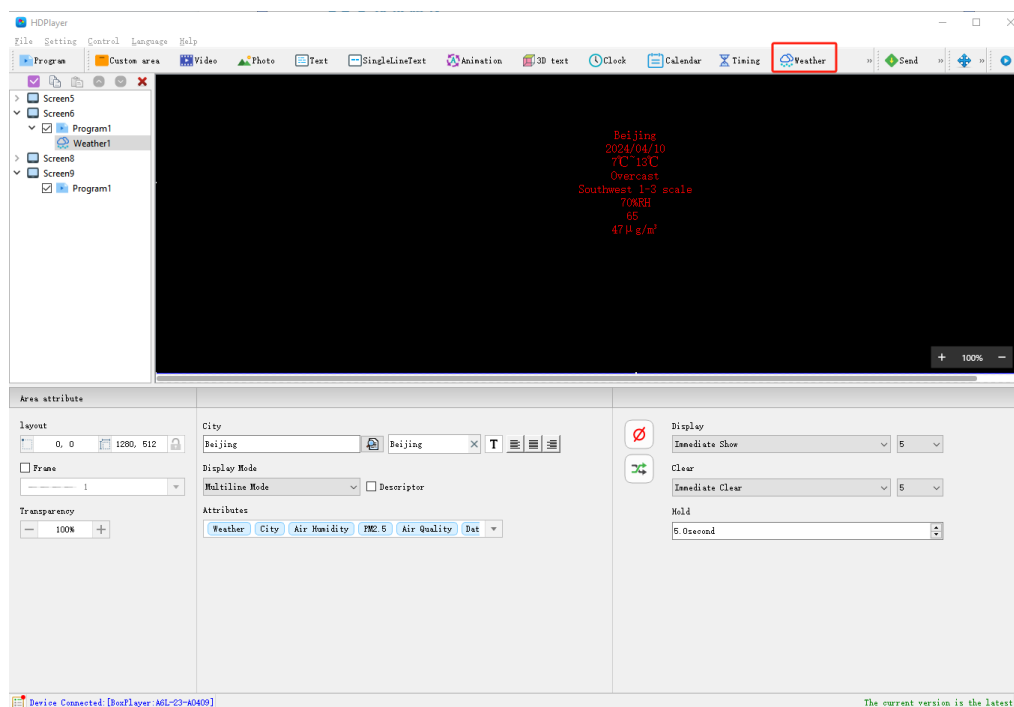


Figure 4- 43 Add "Weather"

1) Weather attributes

To modify the city weather, you can modify it in the weather properties. In the weather properties, you can set the weather font, display style, etc.

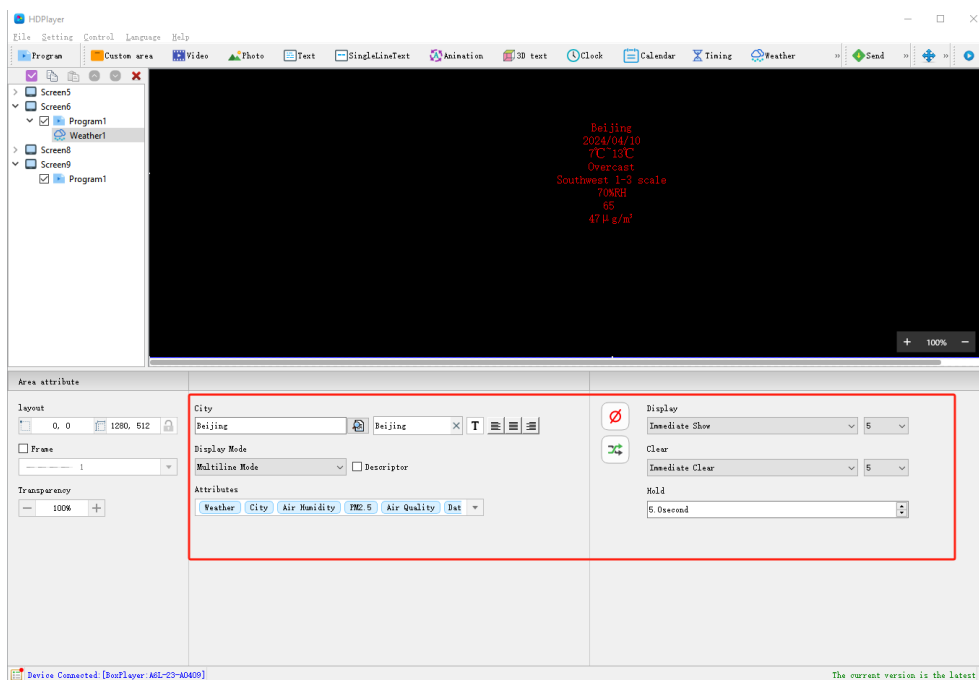


Figure 4- 44 Weather attributes

Note: To display weather information , the control card needs to be provided with a network .

Chapter 5 Program Update

After the program editing is completed, it can be sent to the display screen for display. The HD- C35 control card supports program updates through network port / U disk /Wi-Fi, etc. , and also supports unlimited program expansion through U disk.

1. Cluster sending

The current control card model is the same , the display size is the same , and the content displayed on each display is the same . You can only build one display , then click Control → Cluster Send, check the box in front of the " Device " ID, and then click the Send button .

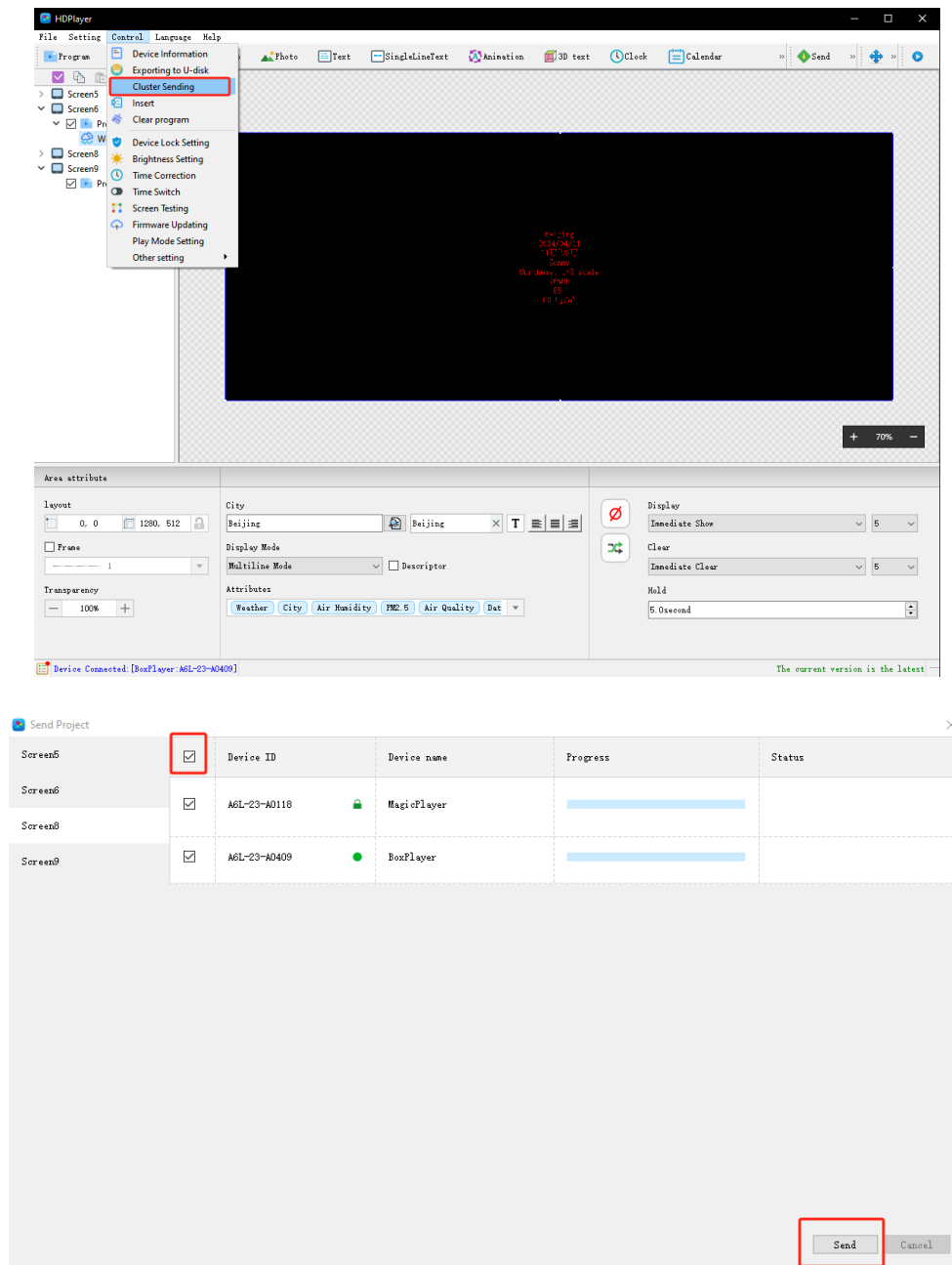


Figure 5-1 Cluster sending

The current control card models are different , the display sizes are different , and the content displayed on each display is also different . You need to build several more displays , then click Control → Cluster Send, check the corresponding device , and then switch the display screens respectively. , click the Send button.

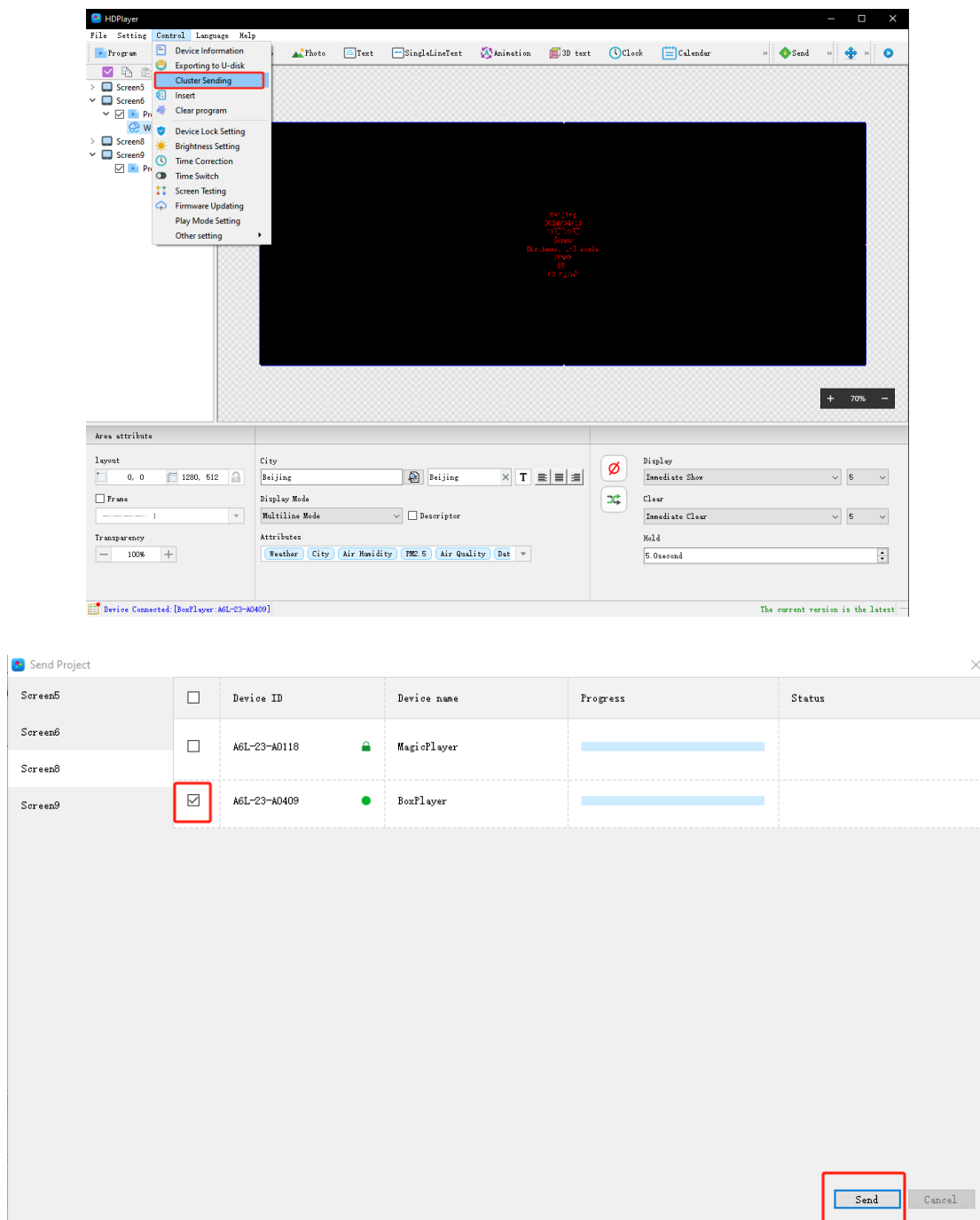


Figure 5- 2 Cluster sending

2. U disk update program

After inserting the USB flash drive into the computer, click [Control]->[Exporting to U-disk] or directly click "Exporting to U-disk" on the toolbar and select "Copy" to export the program to the USB flash

drive.

- · Insert the U disk into the control card, the control card will copy the program in the U disk to the onboard memory, and there will be a corresponding prompt on the display;
- · After the copy is completed, you can pull out the USB flash drive, and the display will play the new program immediately;
- · When updating the program again, just repeat the above operations;
- · Supports USB extension cable within 5 meters.

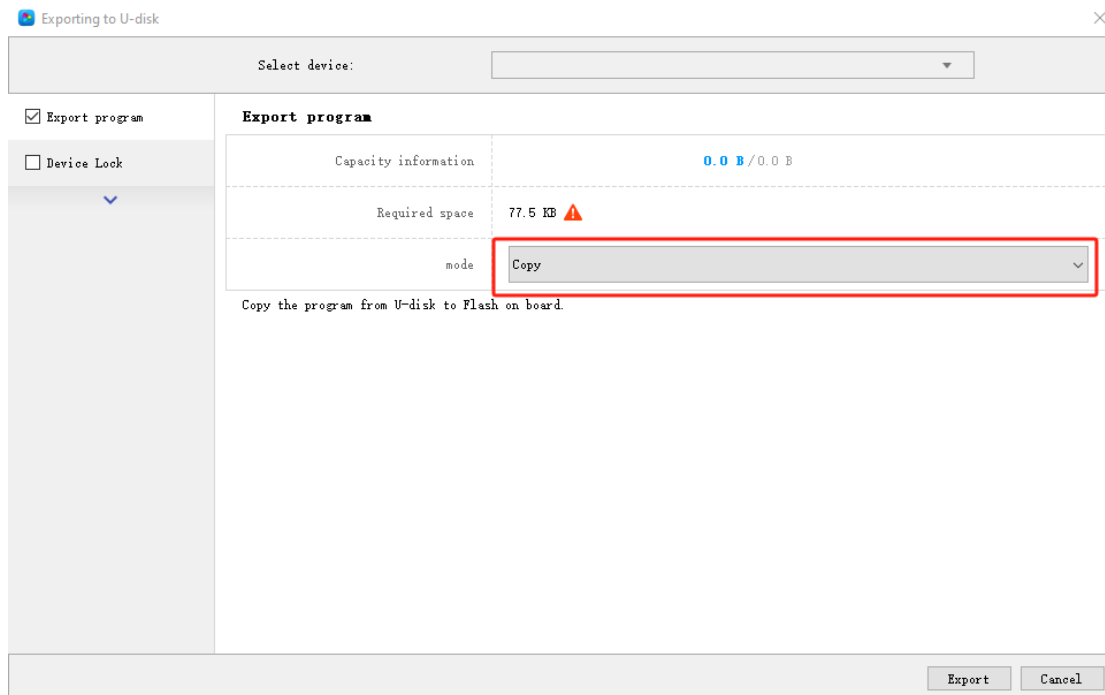


Figure 5-3 U disk update program

3. U disk unlimited expansion program

When the program is exported to the USB flash drive, select "Play". After inserting the USB flash drive into the control card, the control card will immediately play the content in the USB flash drive (no need to restart, plug and play). Using this method, users can infinitely expand the program according to the size of the USB flash drive.

Direct playback from U disk also supports 5-meter USB extension cable.

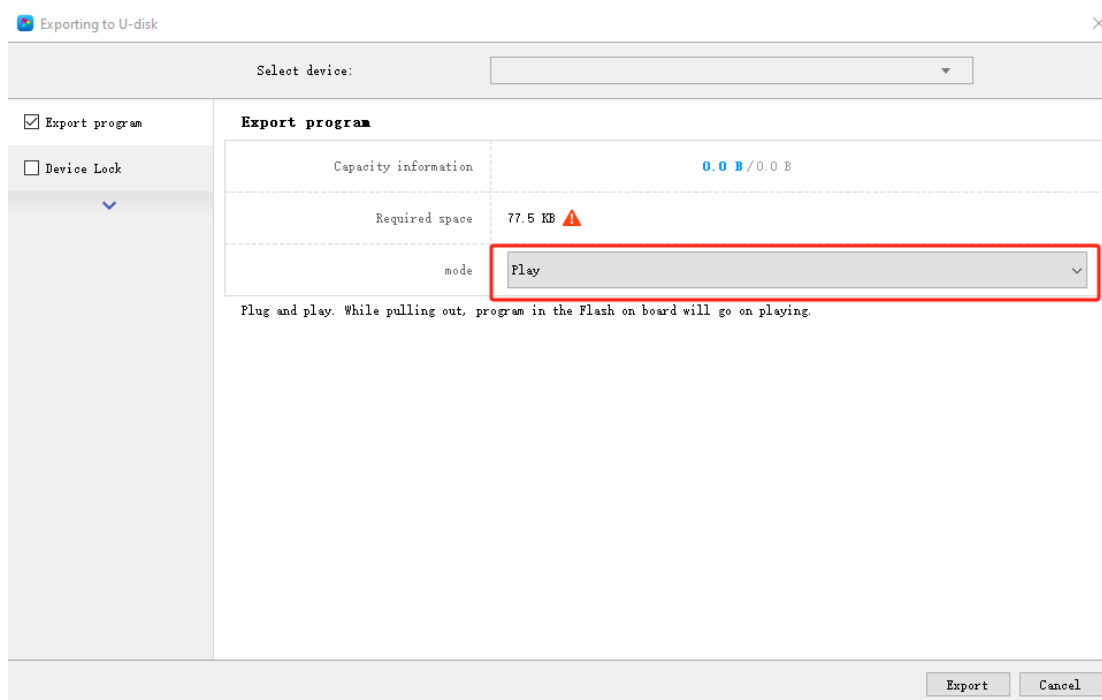


Figure 5-4 U disk unlimited expansion program

In addition, insert the U disk into the control card, and the program sent by the network cable will be sent to the U disk. The size of the plugged-in USB flash drive can determine the size of the program.

4. Device lock

After the device lock is turned on on the current device , using a USB flash drive to update programs will prompt "Device is locked." You need to enter the password in the device lock option on the software's " Export USB Disk" interface and click Export to update the program.

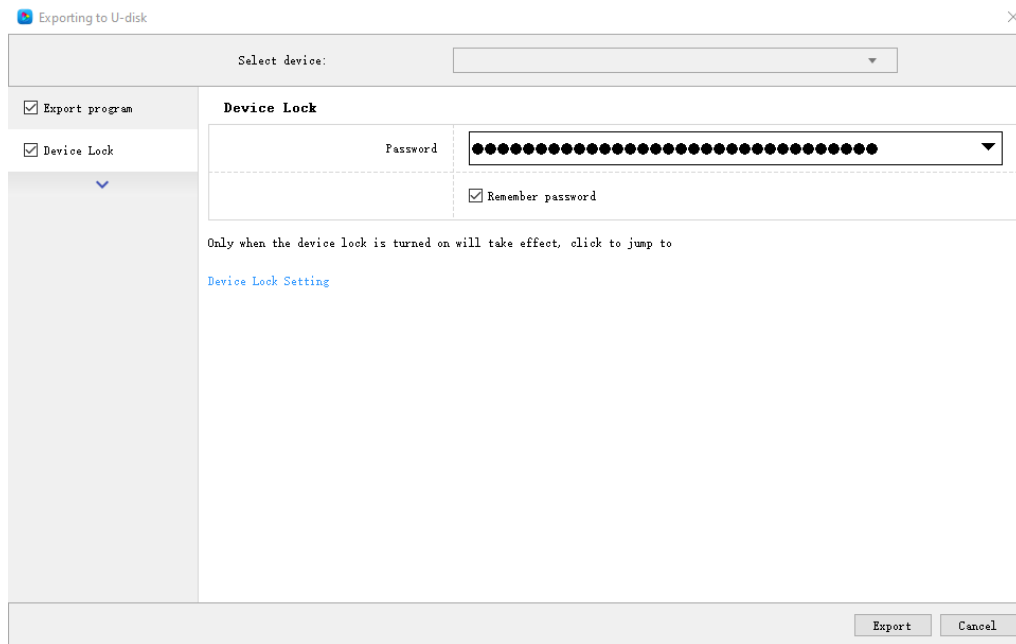
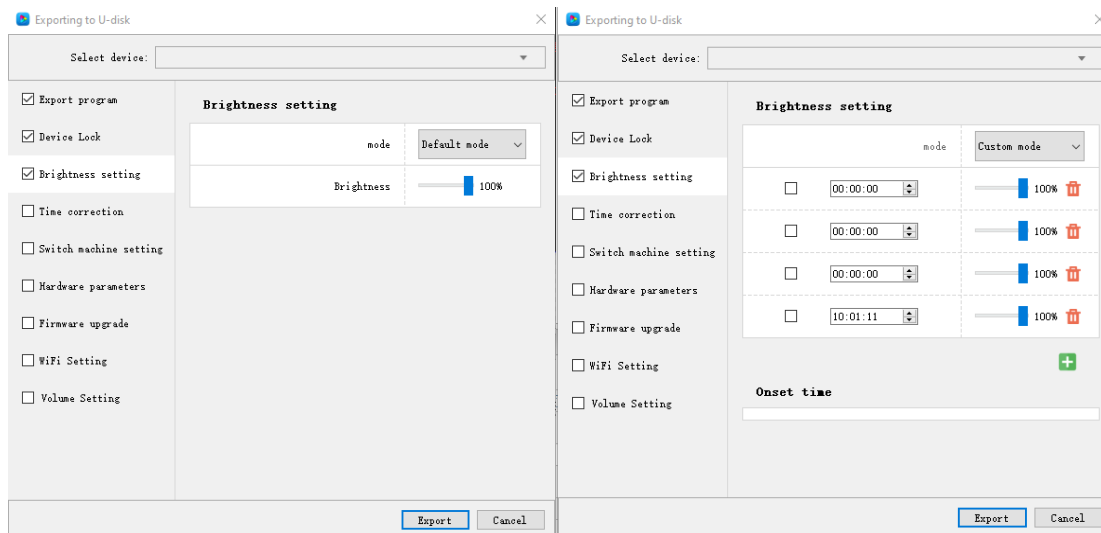


Figure 5-5 Device lock interface

5. Brightness setting

You can adjust the brightness of the device by exporting the U disk interface. There are three brightness adjustment modes: manual adjustment, adjustment by time period, and automatic adjustment (a brightness sensor needs to be added).



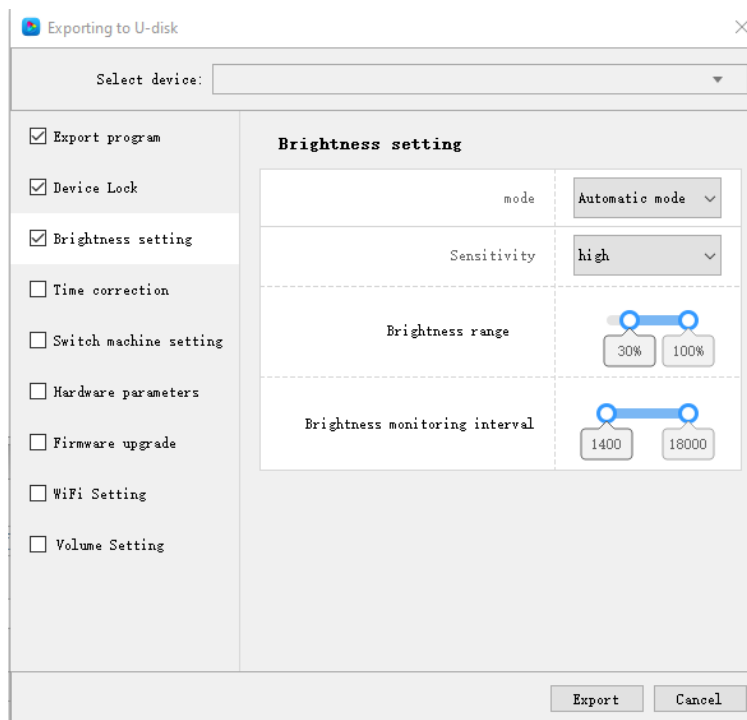


Figure 5-6 Brightness setting interface

6. Time correction

The time displayed on the current display screen is not accurate. You can adjust it on the USB flash drive export interface and then export it to the USB flash drive.

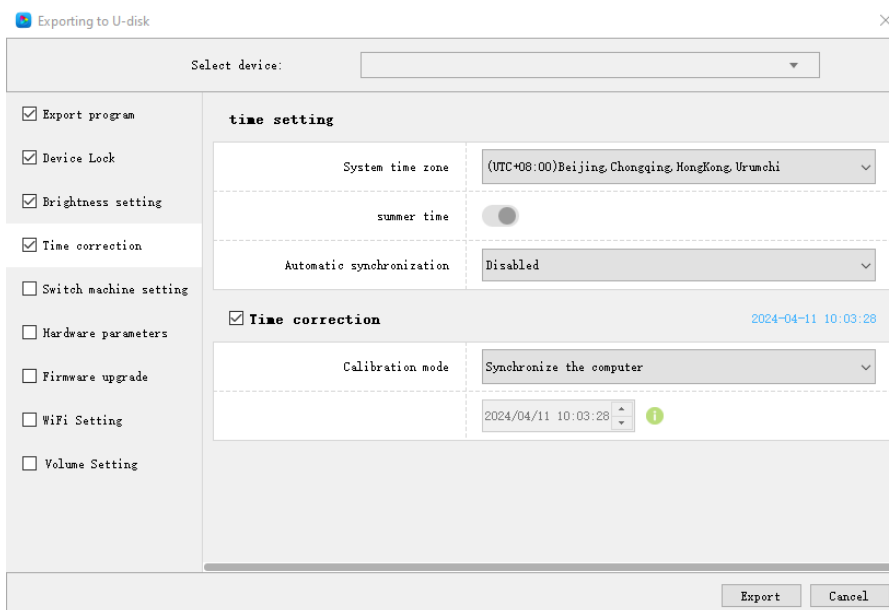
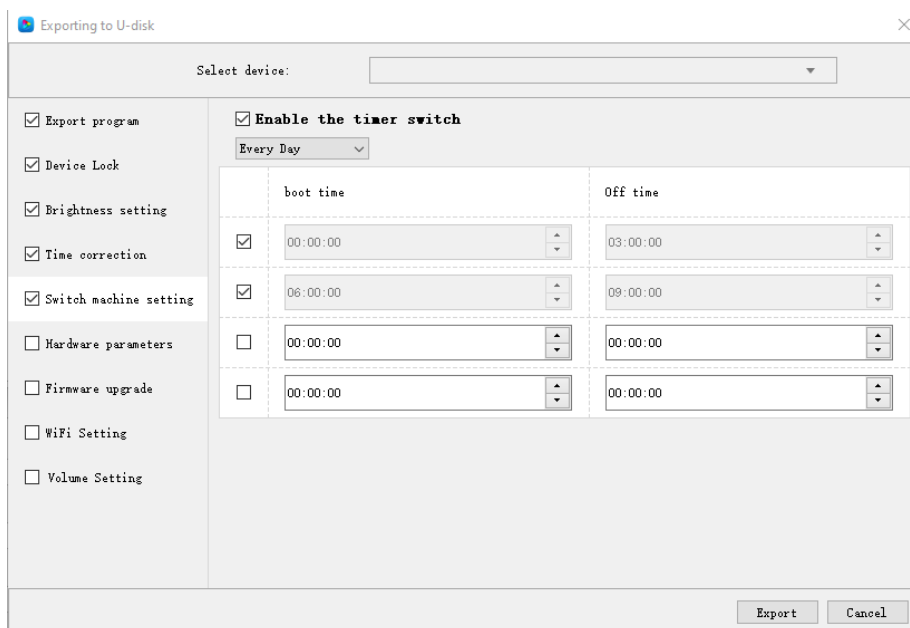


Figure 5-7 Time correction

7. Power on and off settings

Setting the timer on and off can make the control card black screen or play programs within the specified time.



The screenshot shows a software window titled "Exporting to U-disk". It features a "Select device:" dropdown menu at the top. On the left, there is a list of settings with checkboxes: "Export program", "Device Lock", "Brightness setting", "Time correction", "Switch machine setting", "Hardware parameters", "Firmware upgrade", "WiFi Setting", and "Volume Setting". The "Switch machine setting" section is expanded, revealing a sub-section titled "Enable the timer switch" with a "Every Day" frequency selector. Below this is a table for setting boot and off times.

	boot time	Off time
☒	00:00:00	03:00:00
☒	06:00:00	09:00:00
☐	00:00:00	00:00:00
☐	00:00:00	00:00:00

At the bottom right of the window are "Export" and "Cancel" buttons.

Figure 5-8 Power on/off settings

8. Hardware parameters

If the current display shows garbled characters, you can export the configuration file of the same type of module that was previously set intelligently through a USB flash drive, and then insert it into the control card for adjustment.

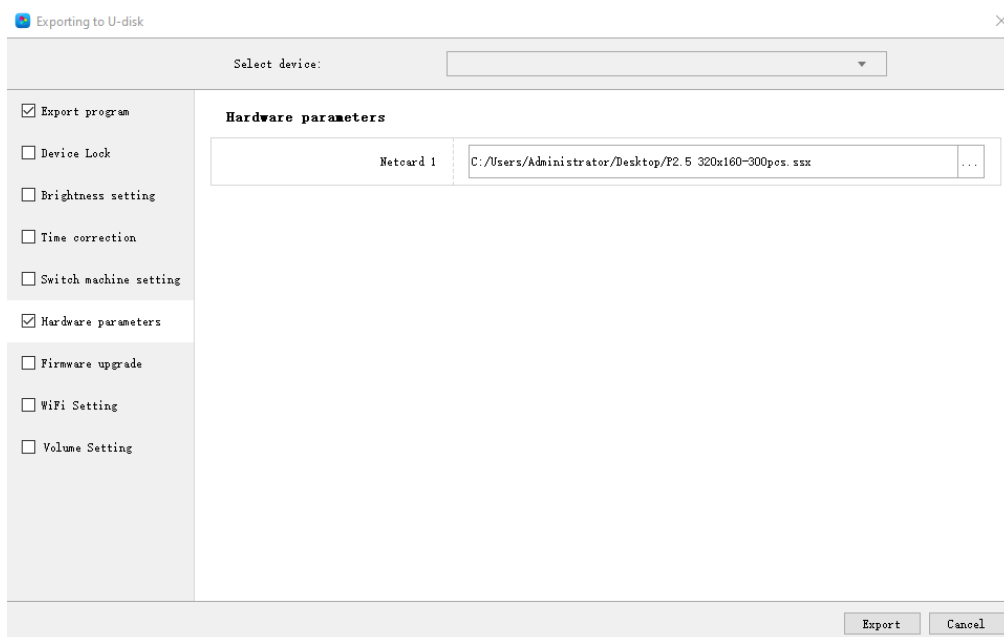


Figure 5-9 Hardware parameters

9. Firmware upgrade

If you encounter special chip debugging or newly added functions that need to be upgraded, you can upgrade the firmware through a USB flash drive and upgrade the version of the control card. During the upgrade process, the power cannot be cut off and the USB flash drive cannot be inserted or removed.

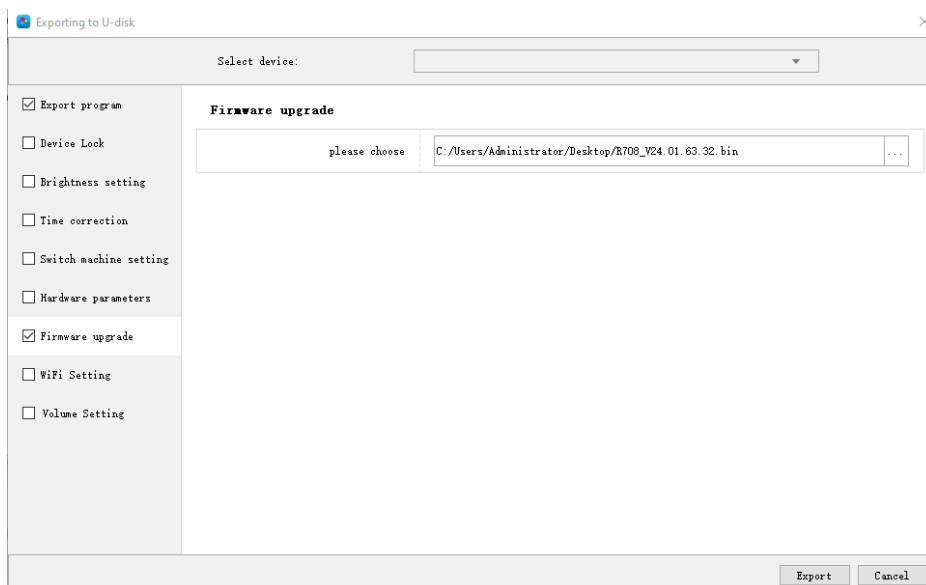


Figure 5-10 Firmware upgrade

10. Wi- Fi settings

When the Wi-Fi module is installed on the control card , you can set the Wi-Fi password, SSID, IP address, etc. in the AP mode of the control card in the "Wi-Fi" setting interface of the exported USB disk.

Wi-Fi setting	
enable	☒
mode	AP
Band Setting	2.4GHz
SSID	
Password	1234567A
IP address	192 . 168 . 6 . 1

When using the Wi-Fi network, please disconnect the network cable and reconnect

Figure 5- 11 Wi-Fi settings

Chapter 6 System Settings

Click [Settings]->[System Settings], including saving prompts, deletion prompts, displaying the window on top , using passwords, and other settings.

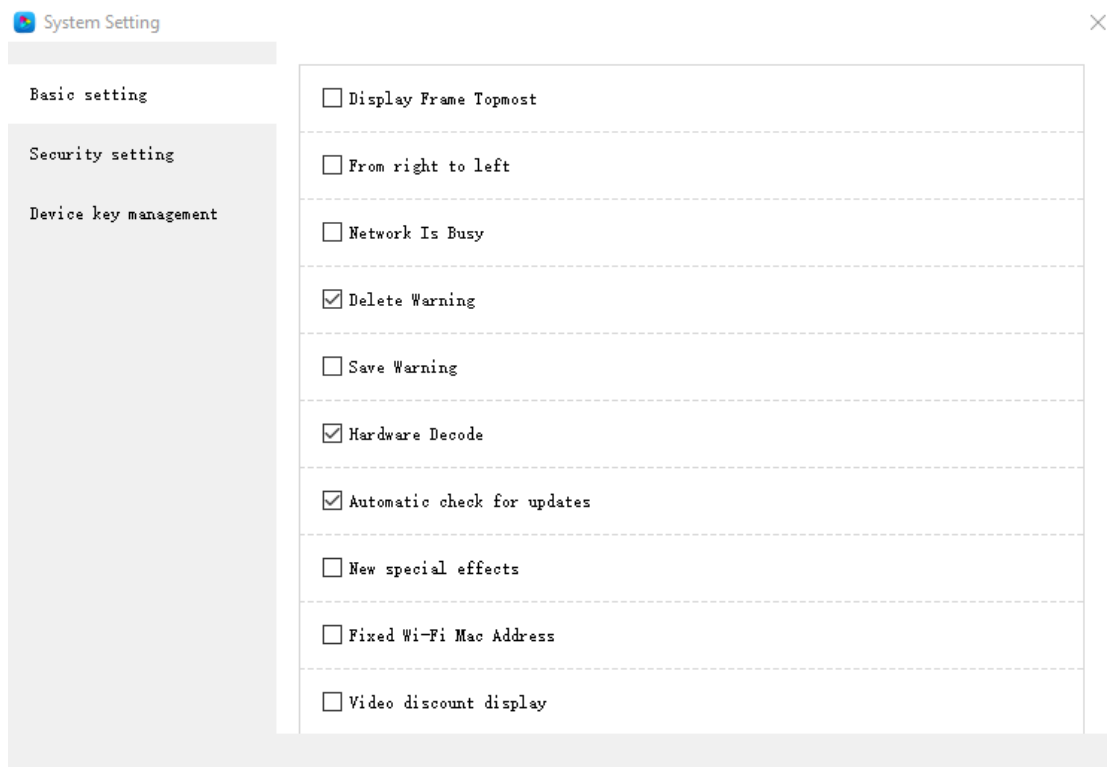


Figure 6-1 System settings

Saving tips:

When checked, a save prompt will pop up every time you exit the software; otherwise, the software will automatically save without prompting;

Delete tips:

When checked, a confirmation prompt will pop up for each deletion operation; otherwise, it will be deleted immediately without prompting;

Use password:

When checked, a password is required to enter "Hardware Settings", "Firmware Upgrade" and to cancel the password; otherwise, the software will think that the system administrator is operating and there is no need to enter a password.

The system default password is "168" or "888".

change password :

Change the system's default password to another password;

Display window on top :

It refers to keeping the display window on top when previewing the playback effect.

Chapter 7 System Control

System controls include " Playback Mode Settings", " Brightness Settings", " Time Correction", " Startup Screen ", " Screen Test ", "Device Restart", " Manual Card Finder ", "Firmware Upgrade", "Network Settings " Cloud server ", " multi-screen synchronization " and other functions.

1.Playback mode setting

This function is suitable for A4/A5/A6/A4L/A5L/A6L synchronous and asynchronous dual-mode playback boxes. It can be set to synchronization priority mode or manual mode in the software .

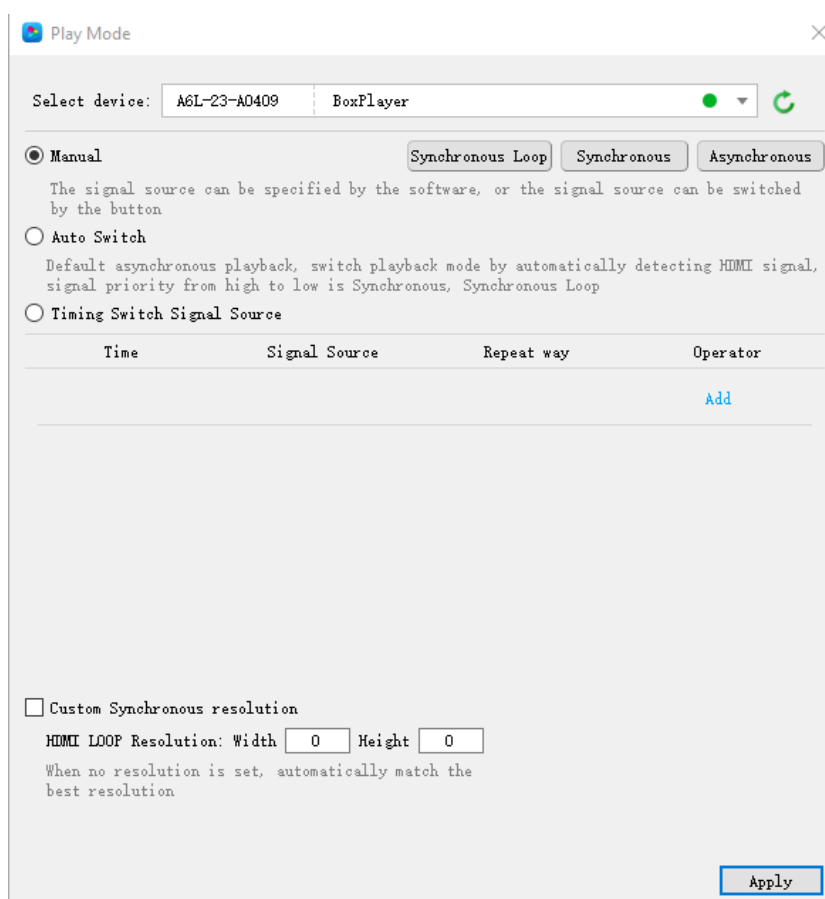
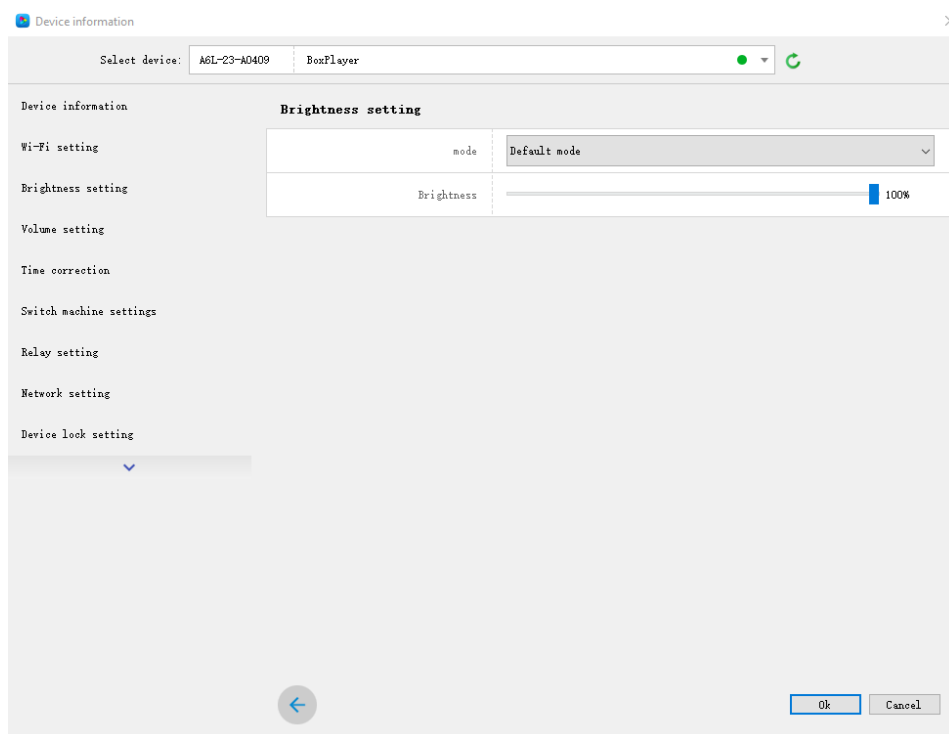


Figure 7-1 Playback mode settings

2. Brightness setting

Select the control card ID that needs to adjust the brightness among the connected devices. The network port is not distinguished. The two network ports save the same brightness. The brightness can be set only after "Getting brightness successfully!" is prompted at the bottom of the active window. You can set the brightness directly. , set different brightness according to different time periods, and automatically adjust the brightness according to the external environment.



1) Manual brightness adjustment

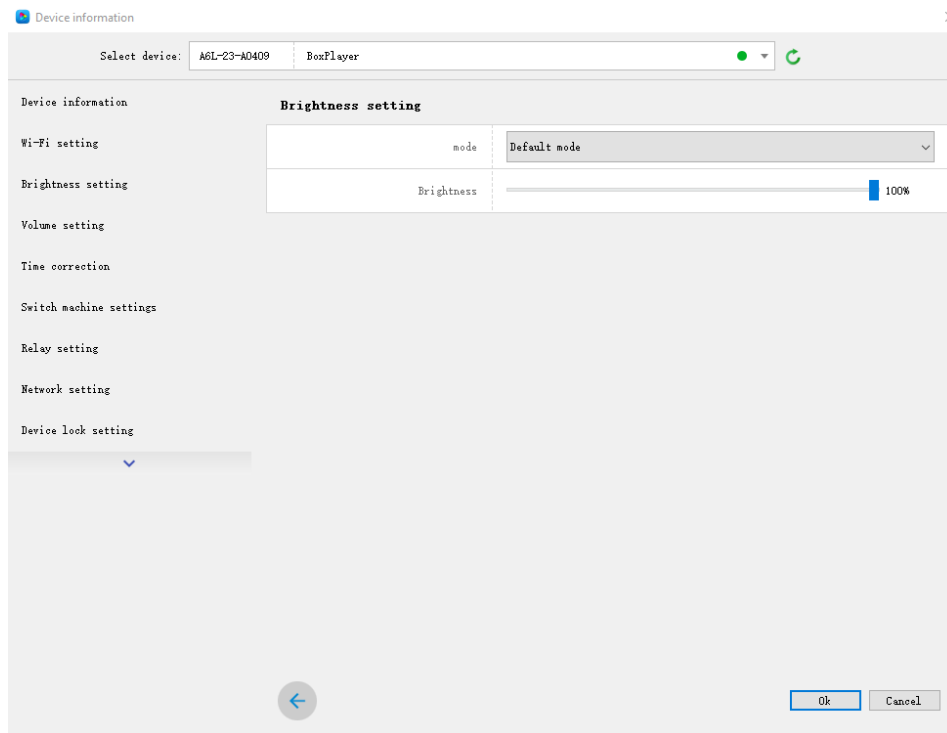


Figure 7-2 Manual brightness adjustment

2) Adjust brightness according to time period

After setting the time and brightness, you need to select the option and then select "Confirm". The lower left corner of the interface prompts "Set successfully" before successfully saving it to the control card. Select the "Add" option to set multiple custom time periods. The default is 3 customization options.

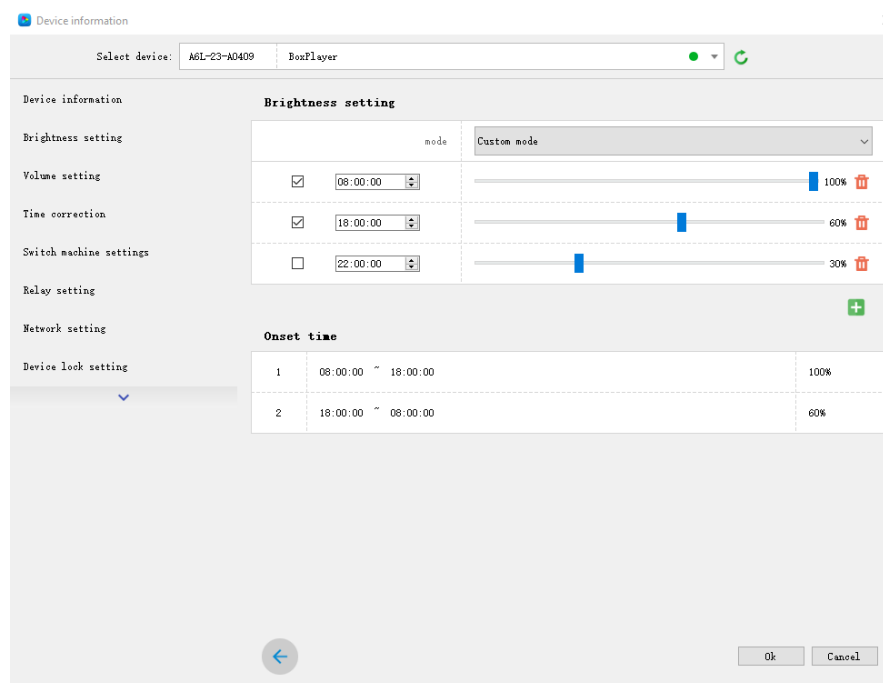


Figure 7-3 Adjust brightness according to time period

3) Automatic adjustment

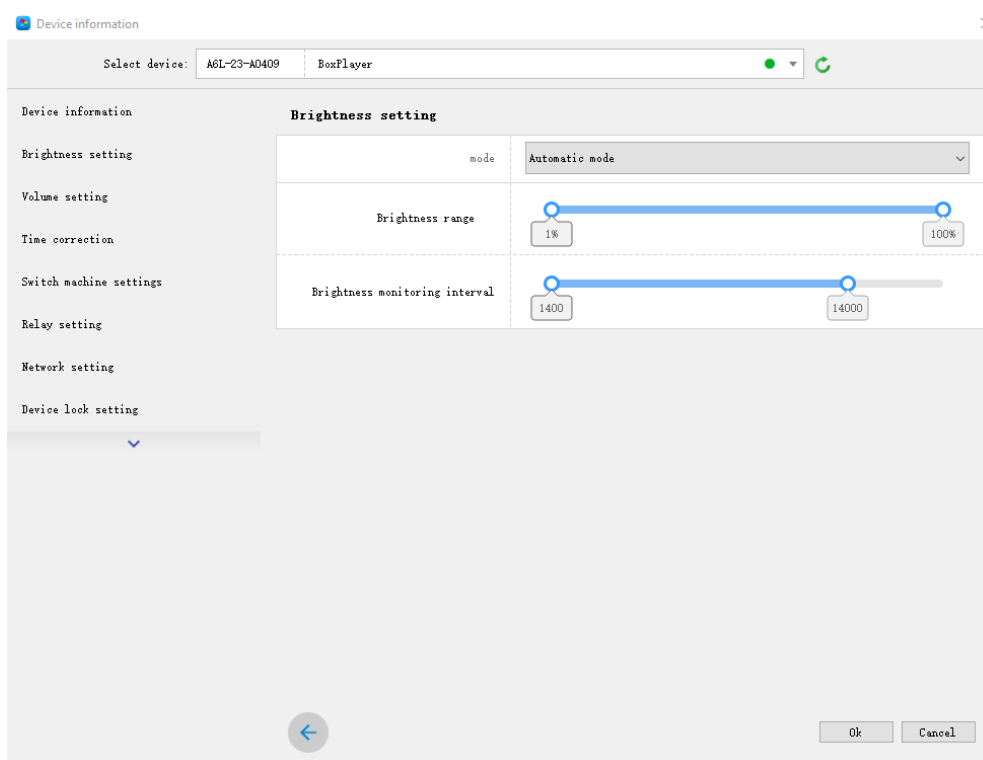


Figure 7-4 Automatic adjustment

Note: "Automatic" adjustment of brightness requires an external

brightness sensor, otherwise this function will be invalid.

3. Time correction

Select the control card ID that needs to be adjusted among the connected devices. The time can only be adjusted when the lower left corner of the interface prompts "Getting time successfully!". The system will automatically adjust according to the time zone set by the computer and control card. The user does not need to adjust the time zone.

1) Directly synchronize display

You can directly synchronize the time with the computer, select the "OK" option, and it will take effect after "Setup successful" is prompted in the lower left corner of the interface.

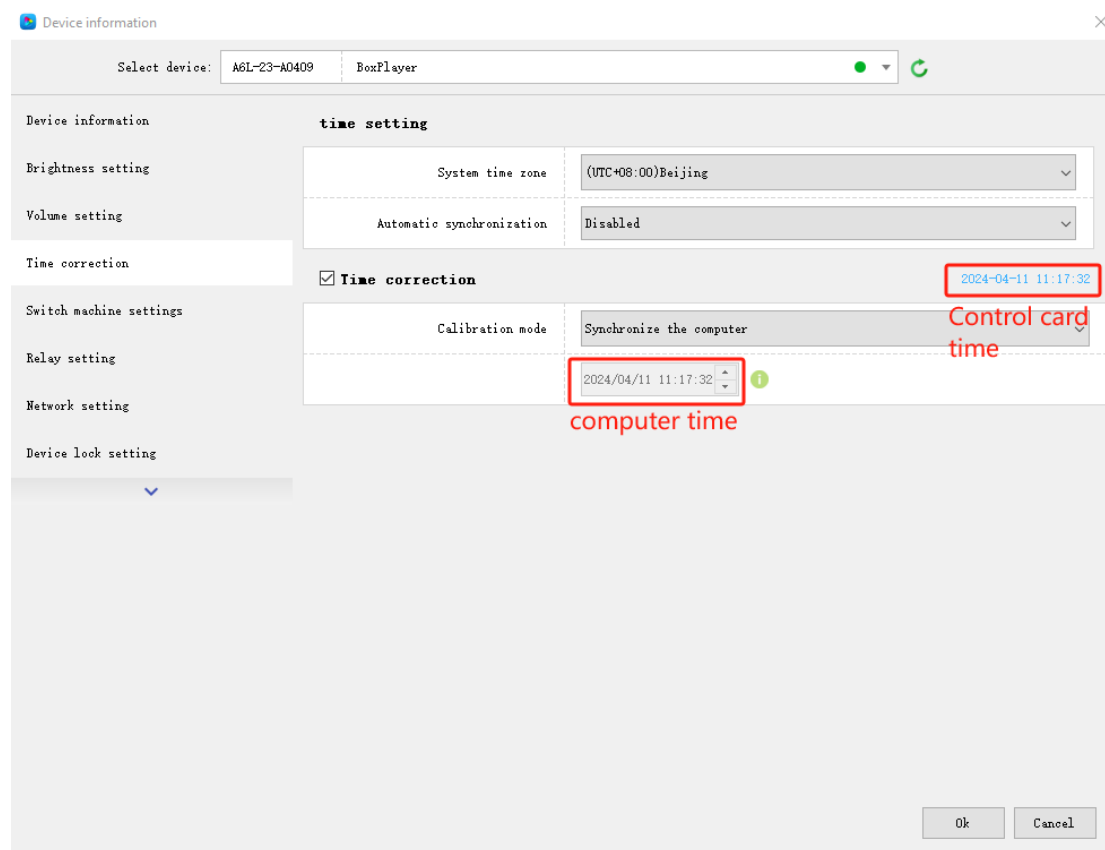


Figure 7-5 Direct synchronization

2) Manually adjust the time

After setting the device time, you need to select the "Confirm" option, and it will take effect after "Set successfully" is prompted in the lower left corner of the interface.

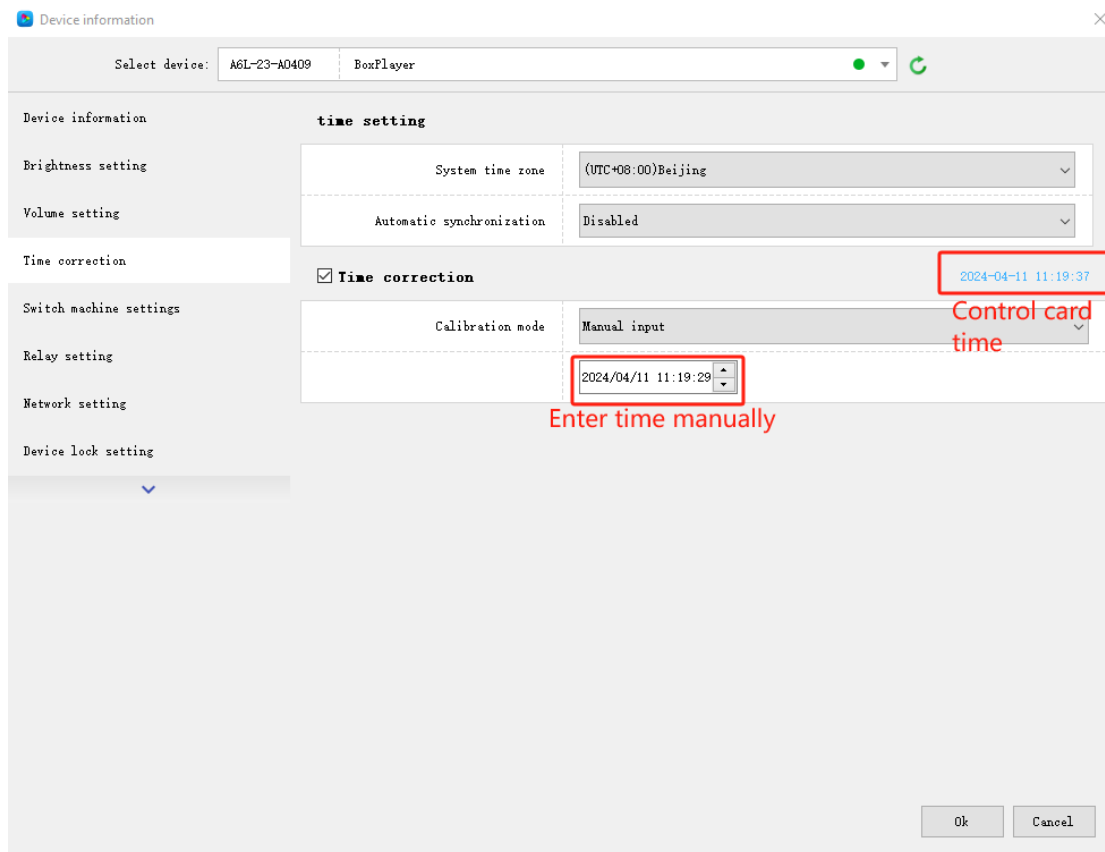


Figure 7-6 Manual adjustment

4. Screen test

The system supports grayscale test, color block test, grid test, flower spot test and other functions, making it convenient for users to check the lamp beads on the screen at any time.

Select the device ID and wait until "Connection successful" is prompted before starting the screen test. You can also press the "TEST" button (SW1) on the control card to perform the screen test.



Figure 7-7 Screen test

5. Firmware upgrade

Through firmware upgrade, firmware can be upgraded uniformly for all connected control cards. The user adds a new version of firmware and compares its version number with the firmware version number of the connected control. After confirming that an upgrade is required, click the "Upgrade" button to proceed with the upgrade.

The entire upgrade process is completely completed by the software background. After the software prompts that the upgrade is successful, the interface will display the new firmware version of the control card, and the control card can be used normally (Note: Do not cut off the power supply of the control card during the upgrade process).

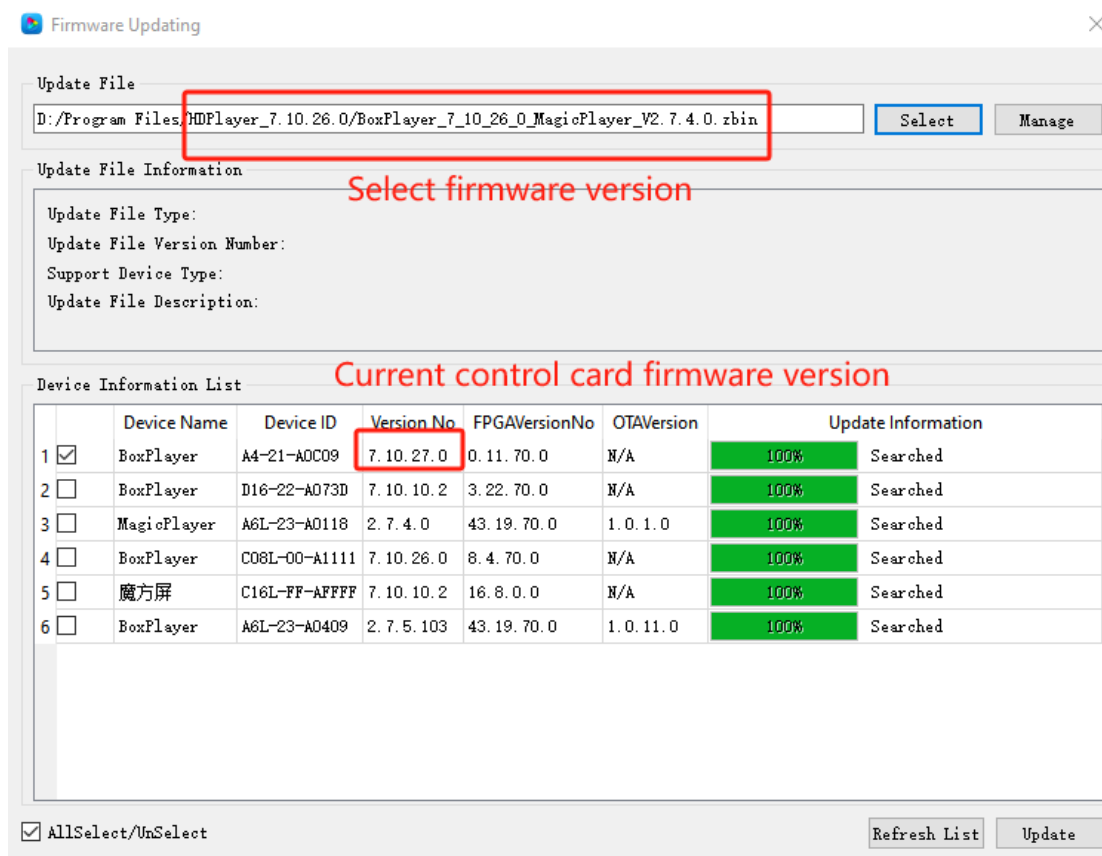


Figure 7-8 Firmware upgrade

6. Scheduled power on and off settings

Setting the timer on and off can make the control card black screen or play programs within the specified time, as shown in the figure. This setting only disconnects the transmission of video signals, and the power supply in the screen body is powered on normally.

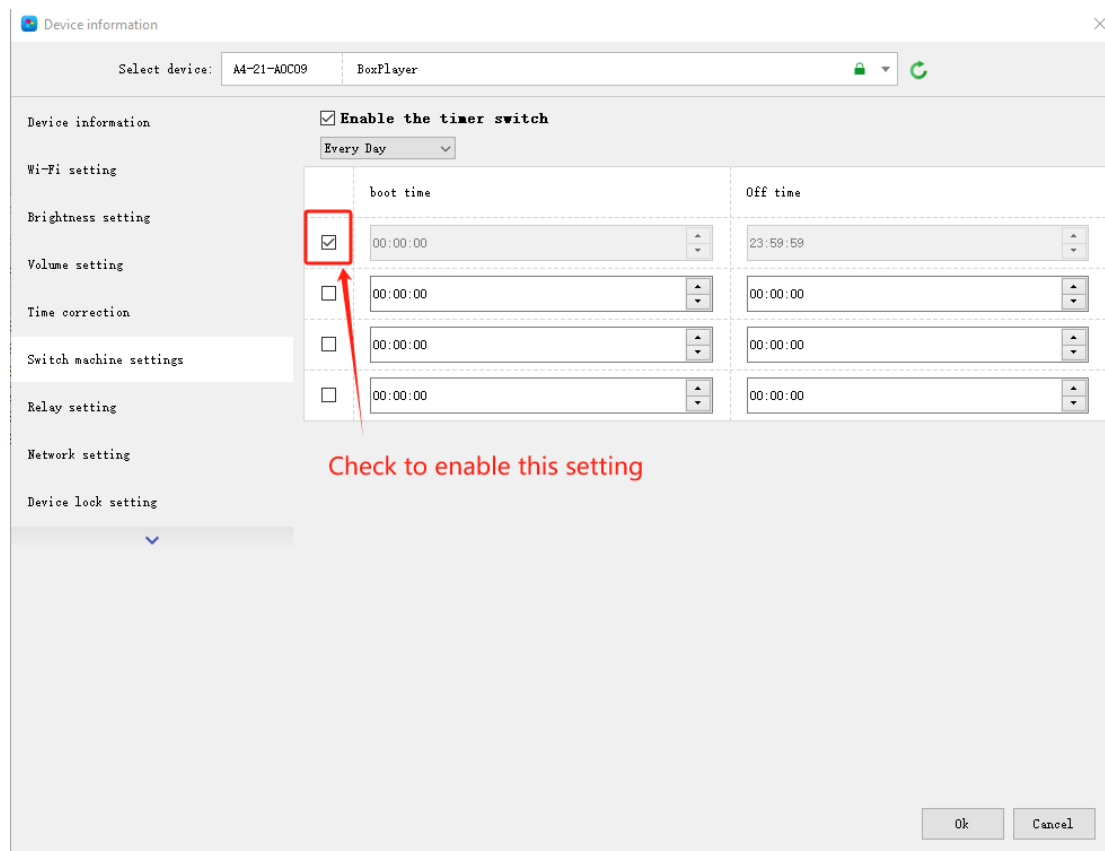


Figure 7-9 Scheduled power on and off settings

7. Modify device name

In order to better distinguish the control card , you can modify the name of the control card in [Control]-[Device Information]-[Device Name]. The default name is BoxPlayer. As shown in the picture, select the corresponding control card ID, click Edit in the device name column, then enter the name that needs to be modified, and click  the icon next to it.

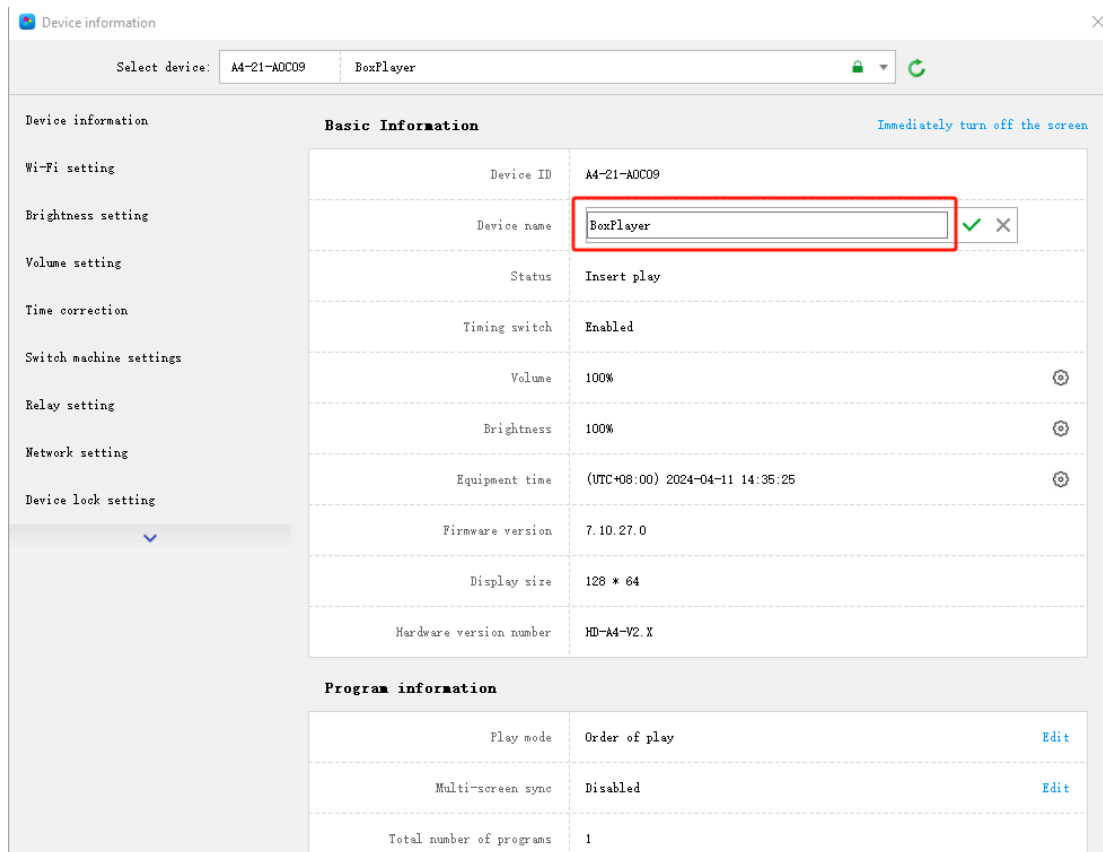


Figure 7-10 Modify device name

8. Manually find the card

Manual card search For control cards managed across LAN segments, click [Control] - [Other Settings] - [Manual card search], enter the IP address of the control card in the IP address in the dialog box, and then click "Add" button. After finding the control card, the IP address, port number 9527, device ID and device name of the control card will be displayed in the dialog box, as shown in the figure.

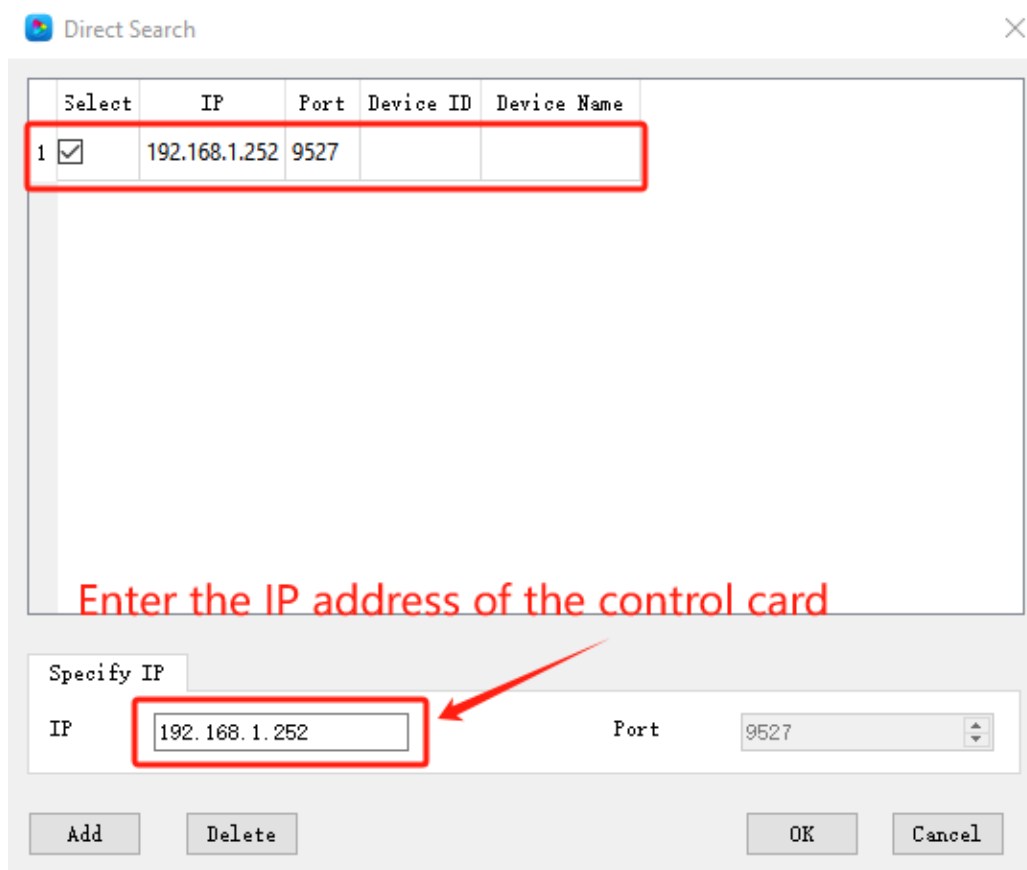


Figure 7-11 Manually find the card

9.Startup screen

The startup screen refers to the screen displayed on the LED screen every time the control card is started . In [Control]-[Other Settings]-[Startup Screen], select the corresponding control card in the device (it can be distinguished by the name or device name) , and then select the startup image to be displayed in Enable startup image. As shown in Figure 7-12

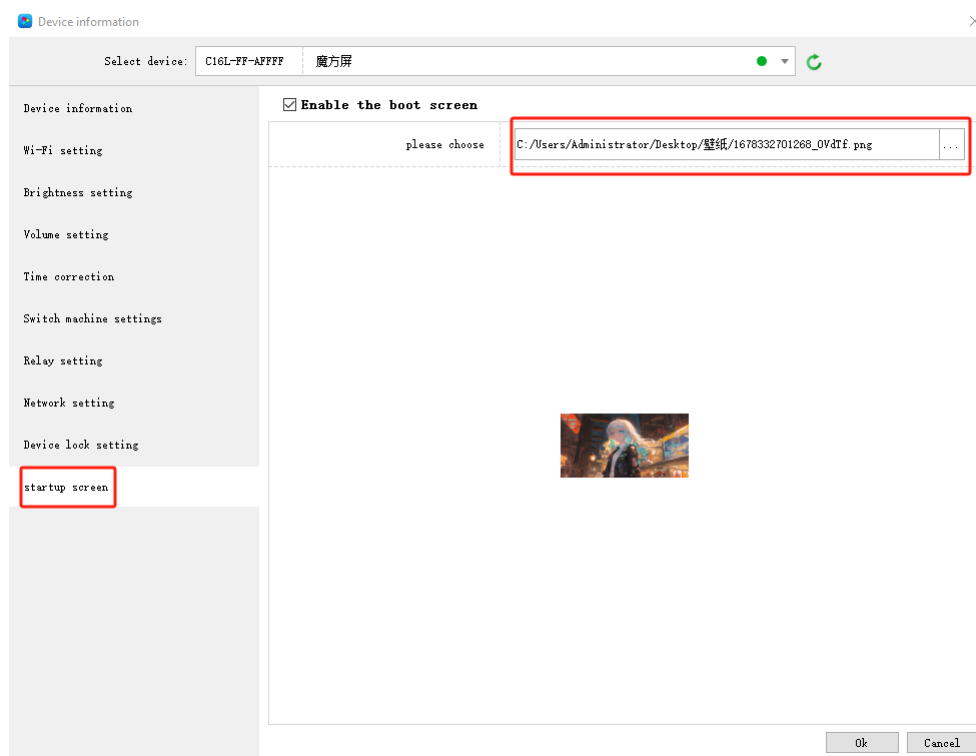


Figure 7-12 Startup screen settings

10.Device restart

Click [Control]-[Other Settings]-[Device Reboot]. In this dialog box, you can set the restart time of the control card according to the specified time or week, as shown in Figure 7-13. Device restart is mainly a function set up to prevent the display from being stuck or black when the device is working for a long time.

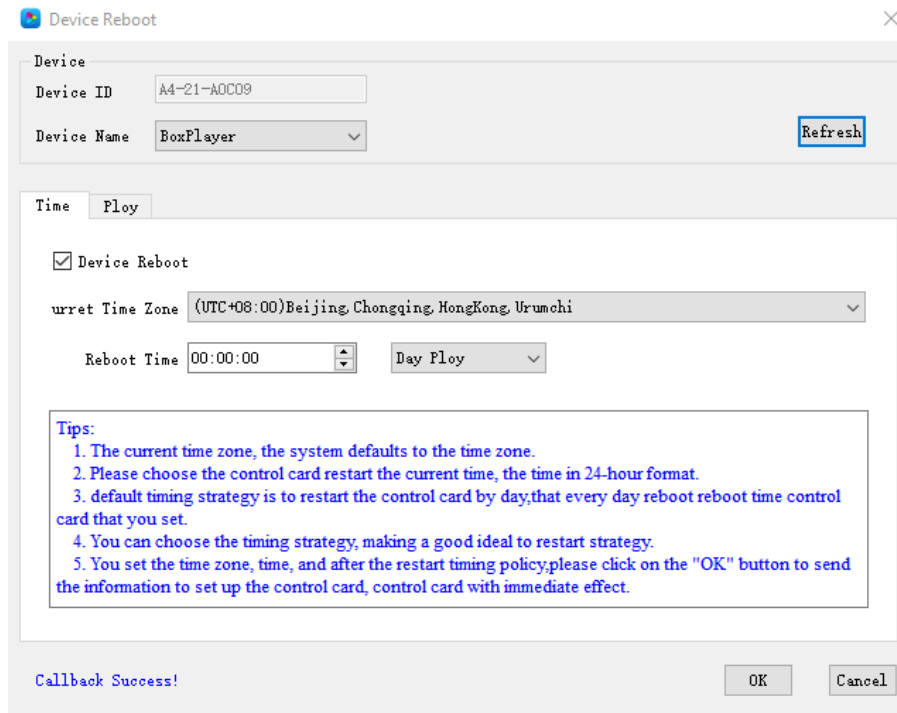


Figure 7-13 Device restart settings

11.Wi-Fi settings

When the Wi-Fi module is installed on the control card , you can find the Wi-Fi settings tab in [Control]-[Device Information]. In this interface, you can set the Wi-Fi password and IP address segment of the control card in AP mode. etc., as shown in Figure 7-14 . In Station mode, you can connect the control card to a nearby wireless network and manually select the Wi-Fi network, as shown in Figure 7-15 . This tab cannot be displayed if the Wi-Fi module is not installed on the control card.

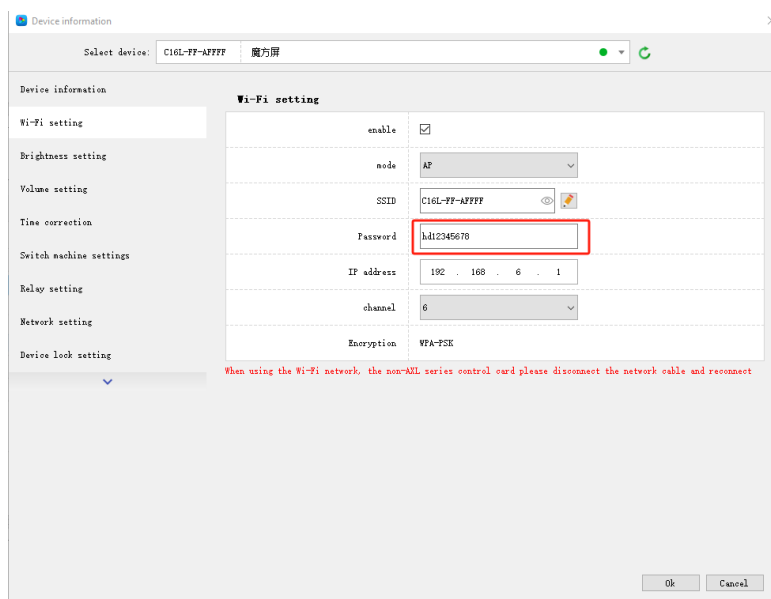


Figure 7-14 AP mode settings

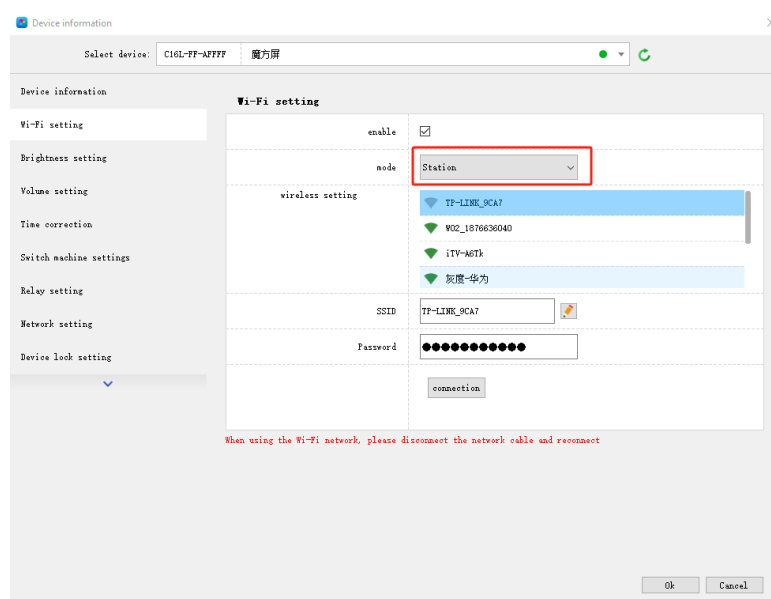


Figure 7-15 Station mode settings

12. Insert Project

Interrupted programs can be used to temporarily change programs in emergencies, and can be set to continue broadcasting or be cleared immediately after the interruption is completed. The mode can choose periodic or scheduled insertion. As shown in Figure 7-15 .

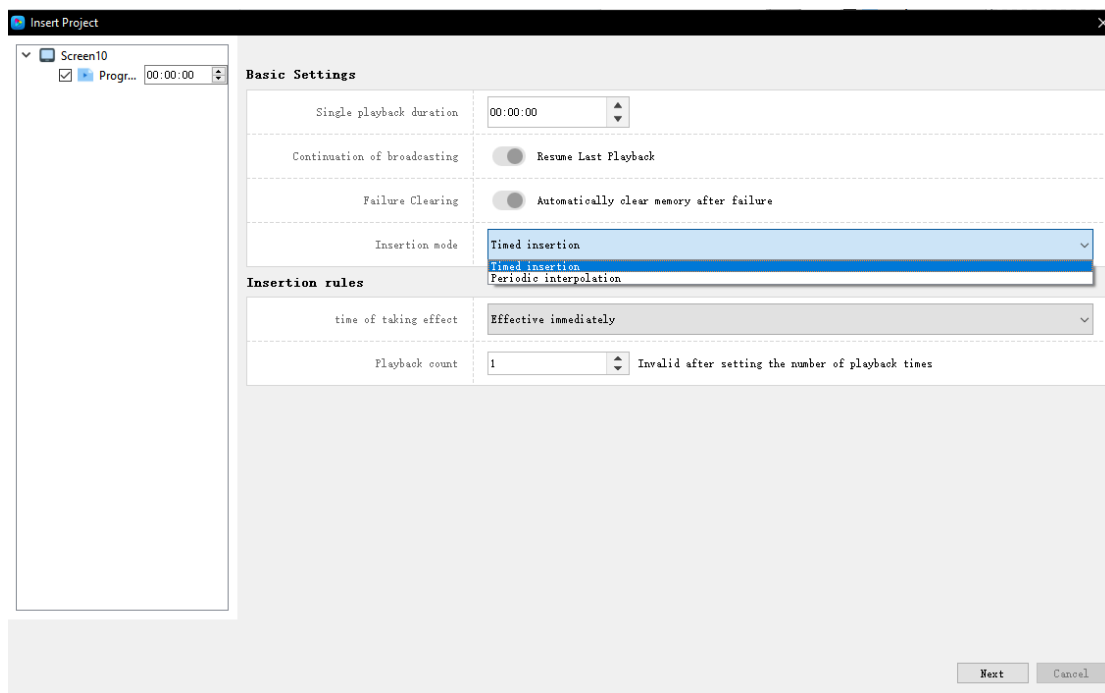


Figure 7-16 Insert Project

Device Information

In the device information dialog box, you can view some parameter status of the control card , such as display size , firmware version , device time , brightness, etc. At the same time , you can quickly enter the interface for some function settings in the device information , such as scheduled power on and off , startup screen , brightness settings , etc.

In addition, screen switching , program playback mode , button definition , multi-screen synchronization, etc. need to be set in the device information dialog box .

13.Relay settings

Click [Control] -> [Device Information] -> [Relay Settings] to enter the relay setting interface, which supports 6-channel power circuit control. You can customize the relay name and power switching time. If

Figure 7-1 6

Note : This function requires the control card to be working all the time and used in conjunction with the relay controller .

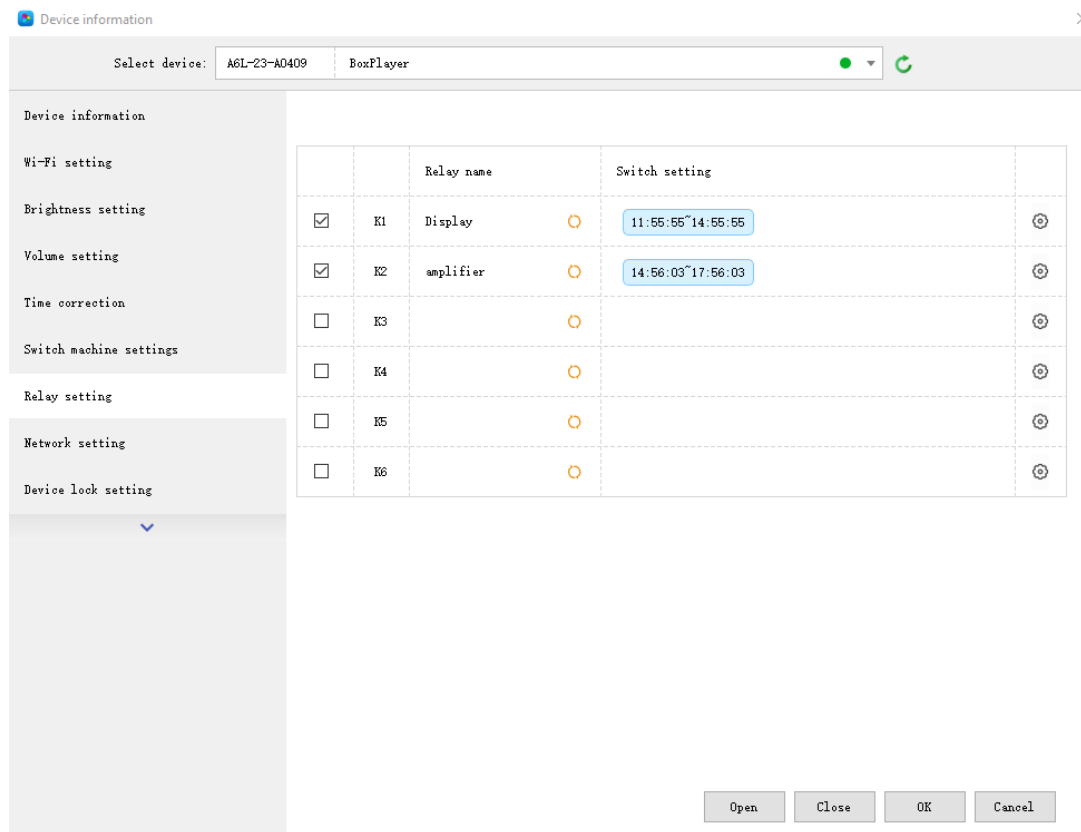


Figure 7-17 Relay setting interface

Check "Use scheduled power on/off setting" to control the branch power supply according to the time of scheduled power on and off. The setup can be controlled remotely via the Internet. As shown in Figure 7-18

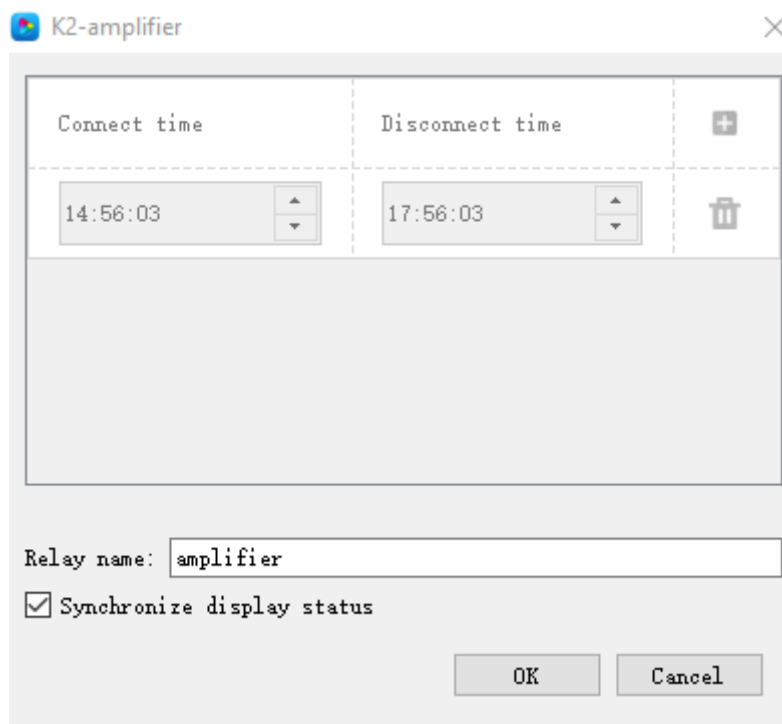


Figure 7-18 Relay settings

14.Network settings

Click [Control] -> [Device Information] - > [Network Settings] to enter the network setting interface. You can set the IP address, subnet mask, default gateway and DNS of the control card, or set it to obtain automatically.

For some special network environments , it may be necessary to use the MAC address of the device . You can view it on this interface, or you can customize the MAC address of the device on this interface. Figure 7-19

The screenshot shows the 'Device information' dialog box. At the top, 'Select device:' is set to 'A6L-23-A0409' and 'BoxPlayer'. The left sidebar lists settings: Device information, Wi-Fi setting, Brightness setting, Volume setting, Time correction, Switch machine settings, Relay setting, Network setting, and Device lock setting. The 'Network settings' section is active, showing a table of network parameters.

Network settings	
Automatic acquisition	☒ Enabled
MAC	88 : a6 : 23 : 0a : 04 : 09
IP address	192 . 168 . 90 . 131
Subnet mask	255 . 255 . 255 . 0
Default gateway	192 . 168 . 90 . 1
DNS	192 . 168 . 90 . 1

At the bottom right of the dialog are 'Ok' and 'Cancel' buttons.

Figure 7-19 Network settings

15. Cloud server settings

For binding the device to the cloud server, enter the cloud server address, user name and click OK .

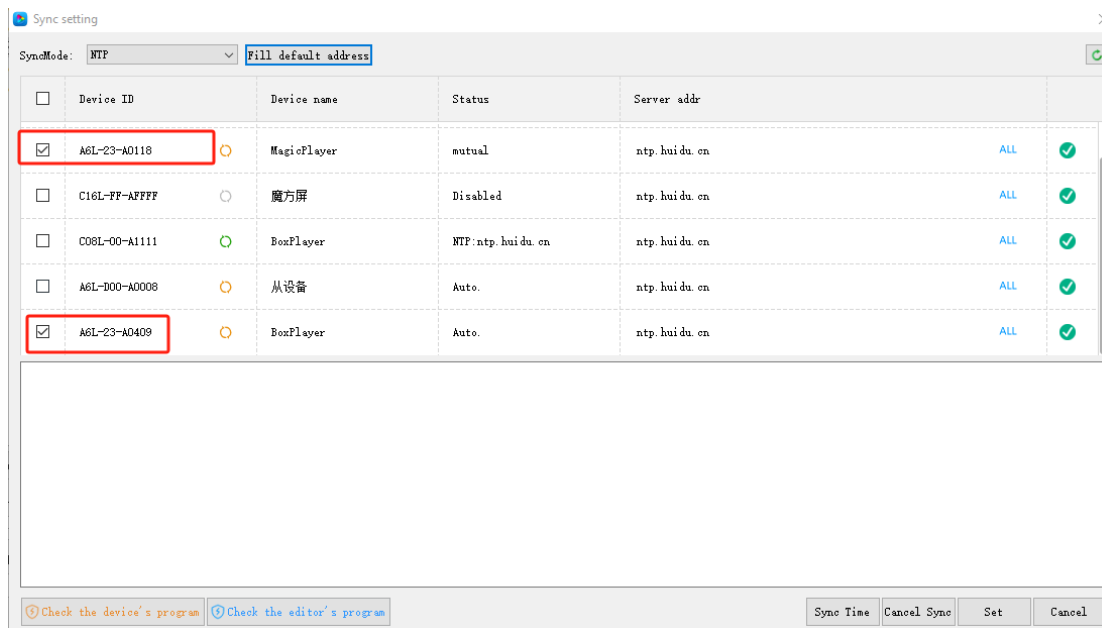
The screenshot shows the 'Cloud Server' dialog box. It contains a table with columns: Device ID, Device name, Server/Port, Username, and a checkbox column. The first row is highlighted with a red border, indicating it is selected.

☐	Device ID	Device name	Server/Port	Username	
☒	A4-21-A0C09	BoxPlayer	https://www.led-cloud.com	wujie	
☐	A6L-23-A0118	MagicPlayer		wujie	
☐	C16L-FF-AFFFF	魔方屏			
☐	C08L-00-A1111	BoxPlayer		wujie	
☐	A6L-D00-A0008	从设备			
☐	A6L-23-A0409	BoxPlayer		wujie	

At the bottom, there is a warning message: 'Warning: http is not secure, please use https'. Below the warning are 'OK' and 'Cancel' buttons.

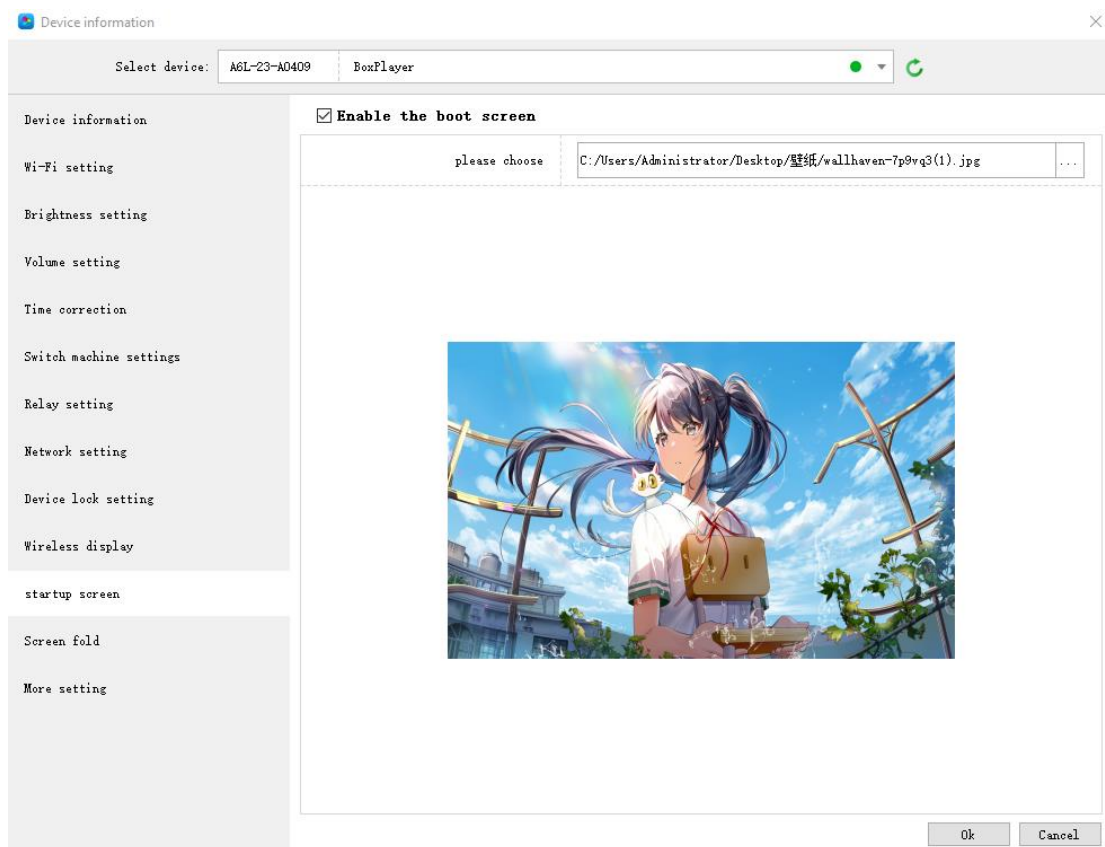
16.Multi-screen synchronization settings

Multi-screen synchronization application scenarios are mainly used in light pole screens, toll stations, airports, high-speed rail station advertising machines and other places. The conditions for multi-screen synchronization mainly include the same screen resolution, the same series of control cards, 2 or more Programs and program content need to be the same, and program special effects need to be fixed.



17.Startup screen

When the display is powered on, it can be set to a picture or GIF animation as the startup screen, as shown below, just select the file.



18. super administrator

Settings-Super Administrator, enter " su " to open the interface. Super administrators can turn off functions.

Form

Enable configurability

Unlock password:

☐ Enable

Tips : You can select the function you want to turn off after enabling

☐ Select the Off function

☐ send program

☐ cloud server

☐ hardware setup

☐ udisk function

☐ firmware upgrade

☐ Application Settings

Regular series

Android series

Device Information List

	Device Name	Device ID	Version No	FPGAVersionNo	result
1 ☒	MagicPlayer	A6L-23-A0118	2.7.4.0	43.19.70.0	
2 ☒	从设备	A6L-D00-A0008	2.4.10.0	43.11.70.0	
3 ☒	BoxPlayer	A6L-23-A0409	2.7.5.103	43.19.70.0	

☒ All/No all

Refresh list

backward read

Setting

19. Voice broadcast

Voice playback can convert text into voice broadcast, and an activation code is required to use the function.

四、Activation notes

1.1 Software supported version:

1. HDPlayer supported version: V7.10.2.0 (12673) or above;
2. The lower computer firmware supports version: V7.10.2.0 and above.

1.2 Voice broadcast activation code:

1. The activation code cannot be reused;
2. Activation codes are case-sensitive.

1.3 Network environment:

1. The device must be able to use the network normally before it can be successfully activated;
2. It can be activated after connecting to the network through wired or wireless (Sta) methods.

五、Activate voice playback function

2.1 Operation steps:

1. Enter the device information page;
2. Click on voice playback settings;
3. Enter activation code;
4. Click OK.

Figure 1-1 Inactive page

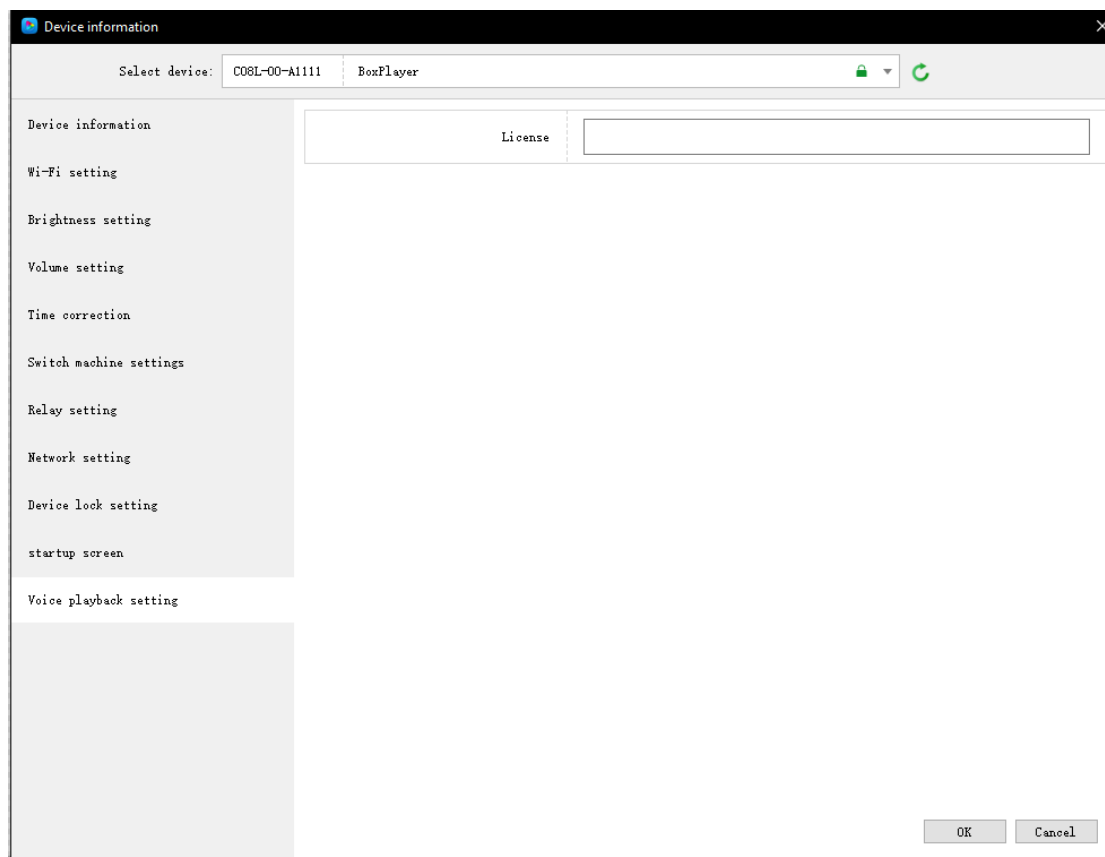
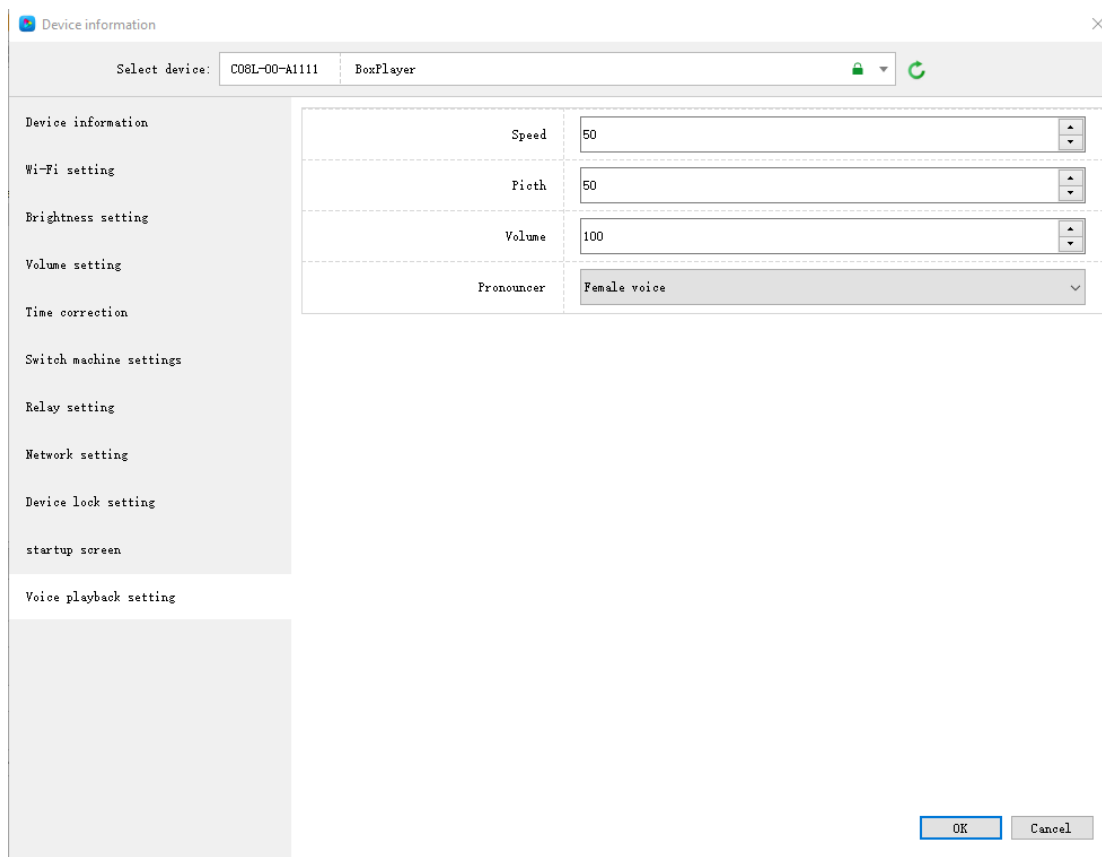


Figure 1-2 Activation success page



六、Voice playback instructions

3.1 Plug-ins that support voice playback:

1. multiline text
2. single line of text

Note: The single-line/multi-line text plug-in in the custom area cannot use the voice playback function!

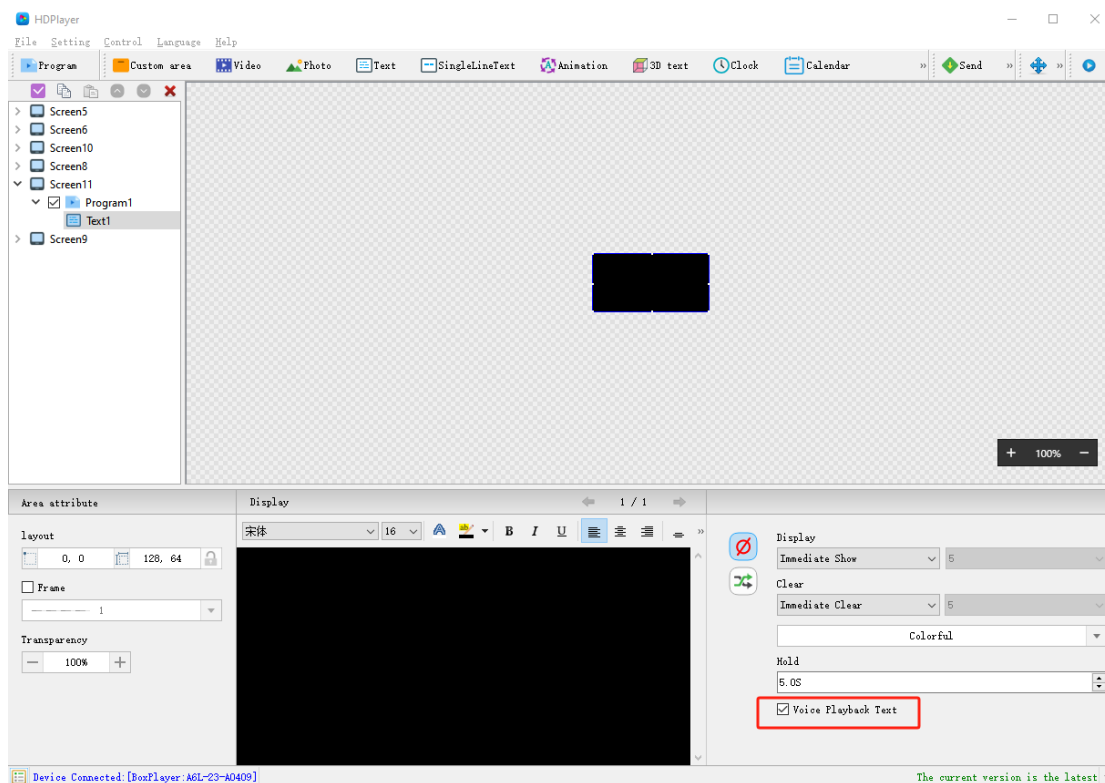
3.2 Text languages that support voice playback:

1. Chinese
2. English

3.3 Steps to enable voice playback of text:

1. After creating the program, add single/multiline text;
2. Check the voice playback text on the lower right;
3. Distribute the program.

Figure 1-3 Turn on voice playback text



七、Voice broadcast setting instructions

4.1 Setting notes:

1. If you change any voice setting item, you need to click OK and then resend the text program for the changed settings to take effect.

4.2 Voice playback setting parameter description:

speed:

1. The default broadcast speed is 50;
2. The speed setting range is 1-100, 1 is the slowest and 100 is the fastest.

tone:

1. The default broadcast tone is 50;
2. The speed setting range is 1-100, 1 is the lowest and 100 is the highest.

volume:

1. The default broadcast volume is 100;
2. The volume setting range is 1-100, with 1 being the smallest and 100 being the largest.

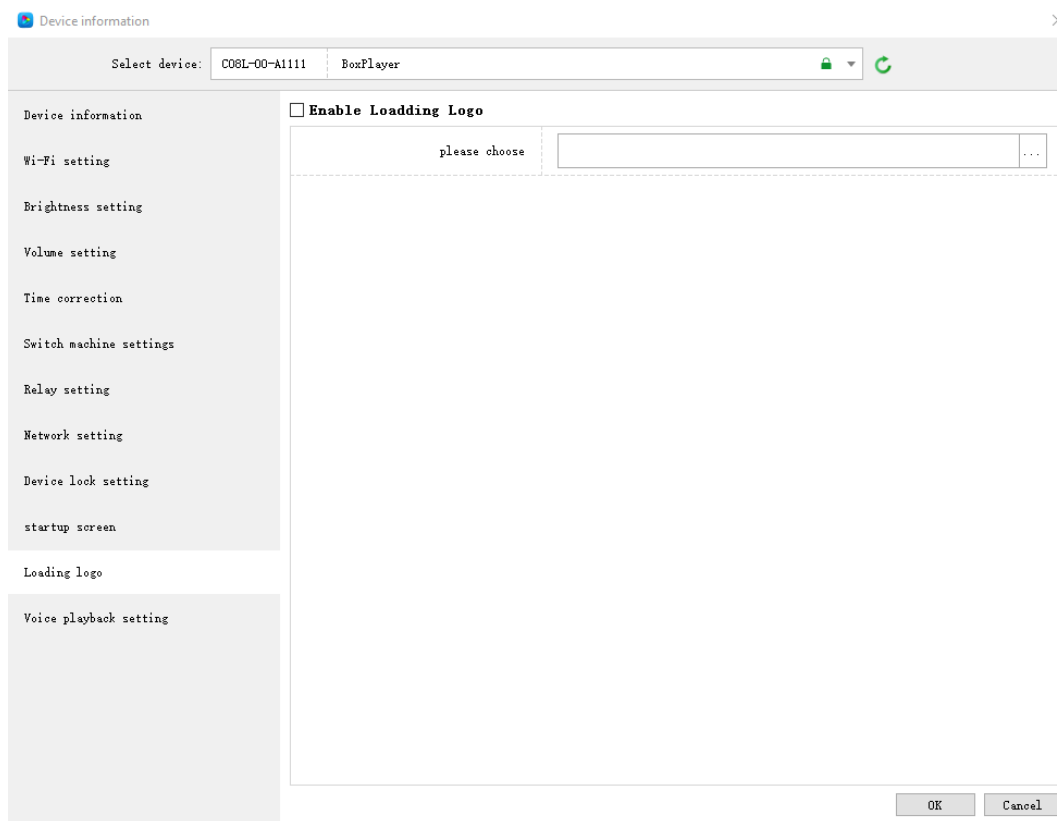
Pronounced by:

1. male voice;
2. Female voice.

8、Password function

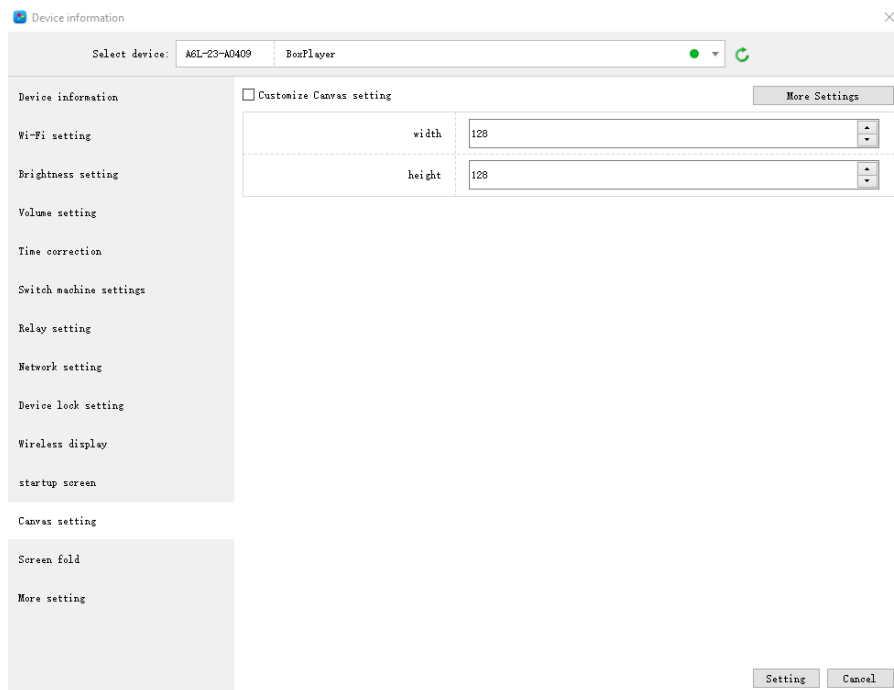
1.Load icon

The asynchronous sending card program loading icon defaults to Loading. Enter "loading" on the control-device information interface to support custom icon replacement.



1. Customize canvas settings

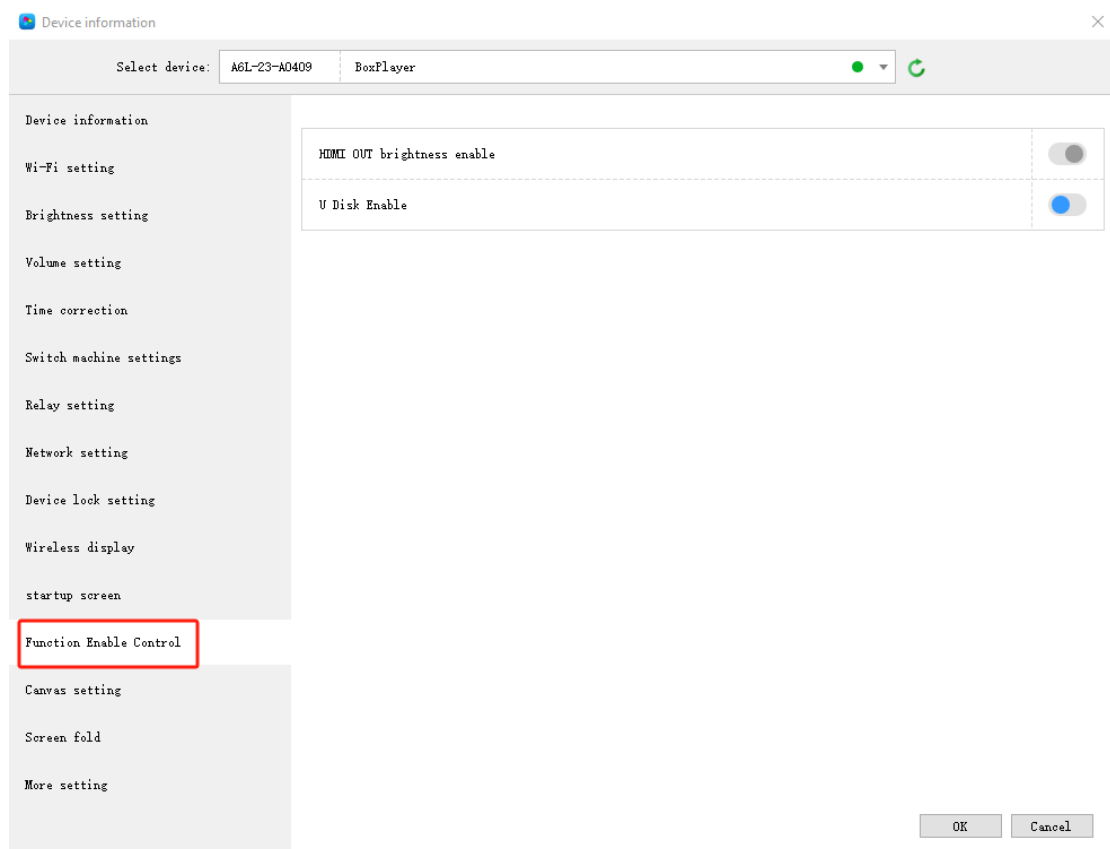
Custom canvas is to set a custom resolution for the connection setting canvas, which is mainly used for long screen discounts that are not within the scope of the canvas. Enter: HDMI on the device information page



1. Function enable control

Supports turning off the USB disk function and controlling the brightness of the A6L HDMI OUT output picture.

Enter: functionenable on the device information page



1. Prompt icon setting

Enter: image on the device information page

