Huidu HD Player Software Operation Manual

HUIDU HD Player Software Operating Manual- Ver.1.2 outdated. Revised and updated to current 2025 Software Illustrations and References in comprehensive English for the North American client and support use of Pollard Manufacturing/Numedia Display Systems Inc. Current as of Dec.1,2024. HDPlayer 7.10.xx – not including HDSet.

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Chapter 1 Install and Uninstall

1. Software Install

1) Download the software, then double click the icon HDPlayer.X.X.X.X.exe.

Select the installer Language, click "ok".

| > | Please select the language of the installer |
|-------------|---|
| | English |
| | |

Fig. 1-1 Installer Language

3) Confirm the Installation type, Click "Next".

2) Installation Interface, Click "next".

| B HDPlayer 5.2.29.0 Setup | |
|---------------------------|--|
| F | HDPlayer Installation Wizard |
| | This software supports: HD-A60x, Ax0, Ax0 +, Cx0, Dx0 series asynchronous full-color control system, supports Windows 10/8/7/XP/Vista. |
| | Click Next to continue. |
| | |
| | |
| | Next > Cancel |

Fig. 1-2 Installation Guide

| HDPlayer 5.2.29.0 Setu | p 📃 🔁 🔂 |
|---|--|
| | Choose Components Choose which features of HDPlayer 5.2.29.0 you want to install. |
| Check the components you install. Click Next to continu | want to install and uncheck the components you don't want to e. |
| Select the type of install: | Default installtion 🔹 |
| Or, select the optional components you wish to install: | Program Files |
| | Description |
| Space required: 262.6MB | Position your mouse over a component to see its description. |
| Expert -> Professional -> Abs | orbedly |
| | < <u>B</u> ack Next > Cancel |

Fig.1-3 Installation type

4) Choose Installation Path, Click "Install".

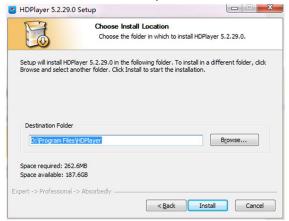


Fig. 1-4 Installation Path

5) Click "Finish".



Fig. 1-5 Finish Installation

2. Software Uninstall

"Start"→ "All Programs"→"HDPlayer"→"Uninstall HDPlayer"



Fig.1-6 Software Uninstall

3. Software/Network Requirements & add-ons & Updating to a newer version warning!

1)MS Windows PC with

2)Software & Network permission from your Network Administrator/IT Dept.

3)Content Sharing requires a local network shared folder that all software users can access with "Full Control" permissions.

3) Suggested LED Fonts Package to download is available for using the least amount of line spacing in your text, which most MS Windows fonts will. Otherwise the HDPlayer software "line spacing" settings can be adjusted in the text editor.

Chapter 2 Network setting

The controller can NOT connect to the computer directly. It can only connect to the computer via a DHCP enabled Router (most existing networks). No need to do any network settings. When connected with a computer, the network port (The Green light will always flicker, the orange light stays solid), then wait for few seconds (MS Windows needs 40 Seconds). When the right corner of computer shows Network Connected (see below), it means your PC is connected to the network, -----then open the software HDPlayer, it will usually detect and find the controller ID automatically.

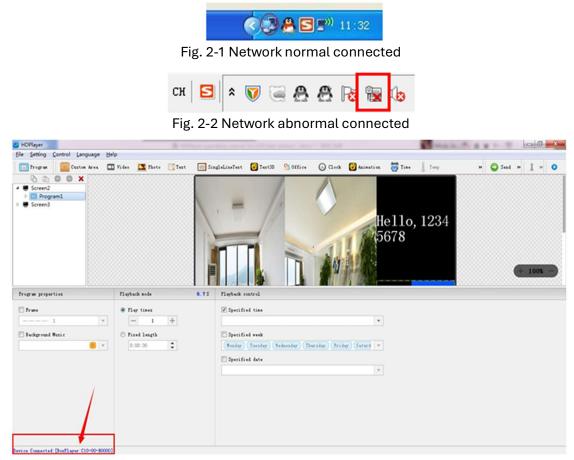


Fig. 2-3 Device Found

If the computer and network connection are working correctly the sign(s) will automatically show up in the software. If you look in the bottom left corner of the LED Software, you will detect if you have a connection or seen in the 'Device List' on a New Screen Parameters window.

| Device Connect:[Controller:C3-1506-A0520] | OR | No Device Connected |
|---|----|---------------------|

Alternatively you can manually configure using the instruction manual, but normally this is not suggested or required.

If the cards connect to the computer via the Router, then the computer can control all the cards at the same time. Control card network setting: Obtain IP automatically: **This is the default and suggested settings**. Tick 'Set' then tick 'Use' then select 'Set' in the Bottom right corner.

Set IP manually: tick the "Set" 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 "Set" button to take effect.

(Note: Use this function with caution! The IP must be in the same network segment as the computer's local connection).

When the control card is controlled across network segments in the local area network, it is necessary to set a static IP address for the control card, Click 'Control' - 'Other setting' - 'Device Network Information', Enter the IP of the network segment where the control card is located, and it can not conflict with other IPs.

| Set | Name | ID | DHCP | | P | N | letmask | | G | atewa | зу | | | DNS | | |
|---|--|---|--|-----------|--------|---------|------------|-----|----------|-------|-----|-----|------|-----|---|------|
| | BoxPlayer | A3-19-A62D1 | 🗌 Vse | 192 . 168 | 1.44 | 255.2 | 55 . 255 . | 0 1 | 192 . 16 | 8. 1 | . 1 | 192 | 168 | | 1 | 1 |
| | BoxPlayer | C36-21-A1362 | Use Use | 192.168 | 1.36 | 255.2 | 55.255. | 0 1 | 192.16 | 8.1 | . 1 | 192 | 168 | | 1 | 1 |
| | BoxPlayer | A3-19-A2A4E | 🗌 Vse | 192 . 168 | 1 . 10 | 255 . 2 | 55 . 255 . | 0 1 | 192 . 16 | 8.1 | . 1 | 192 | 168 | | 1 | 1 |
| | A6-19 | A6-19-A0B5E | 🗌 Vse | 192 . 168 | 1.40 | 255.2 | 55 . 255 . | 0 1 | 192.16 | 8.1 | . 1 | 192 | 168 | | 1 | 1 |
| | | | | | | | | | | | | | | | | |
| 36-21 3-19- 6-19- 36-21 36-21 3-19- 6-19- | -A1362:Retri A2A4E:Retri A0B5E:Retri -A1362:Get A62D1:Get D A0B5E:Get D | eving DMCP inf ieving DMCP inf eving DMCP inf eving DMCP informati MCP informatio MCP informatio | formation ormation on succes n succes n succes | n | | | | | | | | | | | | |

Fig.2-4 set a static IP address for the control card

Chapter 3 Hardware Setting (HDSet- Screen Configuration)

Click "Settings" \rightarrow "Hardware Settings", password 168 to enter the hardware settings.

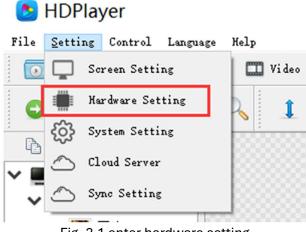


Fig. 3-1 enter hardware setting

HDSet is a debugging software shared by the full-color synchronous and asynchronous series, The settings window is divided into Screen Configuration, Firmware upgrade, Screen test, MultiFunction Card, and Other.

| Hoset-v2. 1. 3. 7 | | | | Language(L) 💶 🗆 🗙 |
|--|------------------|-------------|--------------------------|---------------------|
| - 🗱 | 0 | | f_{\star} | |
| Screen Configuration | Firmware upgrade | Screen test | MultiFunction Card | Other |
| Keyword search | | | | ۹ 🕄 |
| Asynchronous card A3-19-A62D1 C36-21-A1362 A3-19-A2A42 A6-19-A0B5E | | Sync ca | rd(No device) | |
| Device Info Receive Card Rotating | Ø | S | L. P C.u. S | . 0 |
| | | | he Receive Card Settings | |
| A series of Ls Paramt | | Net Port 1 | | 8 |
| Mapping | 8 | New Proces | 22 | 0 |
| FPGA Version | 7. 7. 70 | | The original pr | ocess 🔿 New Process |
| A3-19-A62D1Device is con | mented | | | |

Fig. 3-2 hardware setting

Screen Configuration: Used when debugging the screen, including three sections of sending card parameters, receiving card parameters and connection settings.

Firmware upgrade: Support the upgrade of receiving card, synchronous sending card and video processor; (asynchronous sending card is not upgraded here)

Screen test: Open on the computer desktop, screen test window; (used for synchronized system)

MultiFunction Card: Synchronize the settings of multifunction card Y1

Other: Video processor setting and calibration, etc.

Next, we introduce the use of sending card parameters, receiving card parameters and connection settings in the display configuration. Other functions are not introduced here.

For details, please refer to <<HDSet InstructionS>>

WARNING: STRONGLY RECOMENDED NOT TO ALTER THESE SETTINGS AS YOU CAN DAMAGE THE SIGN AND ALL ITS COMPONENTS !! Contact your Numedia Rep.

1.Send card parameters

In the sending card parameters, Other parameter information such as the version of the receiving card can be detected.

Note: In the interface of "Send card parameters", click "send", only send the send card parameters, if you want to send "connection setting "or "receive card parameters", need enter to the interface of "Connection Settings" and "Receive Card Parameters".

2.Connection settings

Click "Connection Settings" to enter the interface of connection settings. This page can quickly and easily set the connection of the receiving card. From the front of the screen, the card 1 is the card connect to the sending card, next is card 2...and so on.

| Scr. | een Configurati | on | | | | | | | - | |
|-------------------|--|---|------------------------------|---|---------------------------------------|-----|------------------|------------------------------|---|-----------|
| Sen K 2 K 2 | d card paramete | rs Receive ca | rd paraneters | | ags(Look from front trace 100% ∨ ⊠ | | New architecture | Betwork port | | |
| 3 | Curd:4 Width-128 beig21:64 Curd:3 Width-128 beigth:64 | 2 Card:5 Width:128 heigth:64 Card:2 Width:128 heigth:64 | Card 6 N. B 20 ba B 64 | 4 | 5 | 6 | | Width 384 Box information | Bow 2 Ni gh 128 Ni gh 64 G AU | Read back |
| Idle | | | | | Export to | dzu | Isport | Export | s | end |

Fig. 3-3 standard connection setting

3. Receive card parameters

Click 'receive card parameters', this interface is for the gray level, refresh rate, PWM register parameter settings, the parameters of this interface directly affect the effect of LED display screen .

| Gray mode Lew gray balance Nin OE 1672 Drive Cenventional ch etails OF Mode NUB settings NUB75-10 (20058) NUB75-10 (20058) NUB75-16 (32305) NUB75-20 (extended) Vidth 0 < <= 4 Neight 16 < <= 1 | Basio parameters Befresh rate: Gradation: Clock frequency: Phase Blandring Line | 960 4096 17. 0605x 1 25 | Refresh rate usceleration: Brightness level: Priority mode: Duty cycle Line break time | 0 - Normal brightness - Brightness priority - 50% - 0 0 | Tips Module type Sean Decoding method Data polarity OE polarity Highly effective | Full Color Static Unused Low effective Low effective 85.41% | |
|---|--|-------------------------------------|--|---|--|--|--|
| bther Height 16 C = 1 Load File Seart settings Advanced settings Data group exchange Read back Metwork por V Card 1 | fray mode 0.05 settings 101815-12 (24868) 101815-16 (32868) | Low gray balance | • (201) 1019 75-10 (2010/28) | | Drive Box information | Crowenticaal ch etails Of Moda | |
| Read back Setwork pos • Card 1 | | | | | Height 16 | | |
| | | | Advanced settings | Data group exchange | Read back Network | pos V Card 1 | |

Fig. 3-4 receive card parameters

1) Load File, When the computer is connected to the Internet, you can download the configuration files of each manufacturer, and then connect the device, select the corresponding file, and click "OK" (If you can't find the corresponding parameter file, refer to point 4, do smart setting.

| | 🔝 Load File | | | | | | |
|--------------------------------|---------------------|-----|-----------------------|-------------------------|-------|------------|------------|
| Screen Configuration | Tips | | | | | | |
| Send card parameters Receive | Module type | | Full Color | Module size | | 8 * 8 | |
| Basic parameters | Sean | | Static | Decoding method | | Unused | |
| Refresh rate: | Data polarity | | Low effective | OE polarity | | Low offe | otive |
| Gradation: Clock frequency: | Module Manufacturer | rs. | | | | - | etwork upd |
| Thase | Other 💌 | ^ | | | / | | Search |
| Blanking Line | qL 💌 | | File name | | | downloaded | opera |
| Gray mode | GKGD 💌 | | \$1.86_172x86_ICM2163 | _6968_435. xxx | - 20 | 9 [| download |
| | HJCL 💌 | | 72.976_84x84_IC82036 | 5_5266_285_8507A. \$\$X | - 90 | • | download |
| 100 | LP 💌 | | \$2_120x60_3c820385_6 | 968_305. s sx | - 10 | | download |
| MB settings | тн 📂 | | P2_120x60_ICM2153_59 | 58_30S. ssx | - M | 0 | download |
| N0875-16 (32868) | ZM 💌 | | 72_120x64_FM6126A_69 | 68_325. s sx | - # | 0 | download |
| B505 (288GB) | HICD | | P2_128x64_FM6127_138 | _325. ssx | . M. | • | download |
| Other | rc | | P2_120x64_ICM2153_13 | 0_325. ssx | | • | download |
| Load File | 110 = | | P2_128x64_ICMD2163_5 | 958_64S_1ZB08. ssx | 100 | • | download |
| | ст 💌 | | P2_160x80_FM6363_138 | _40S. \$ \$\$ | | • | download |
| Color channel | SKR 💌 | | P2_160x80_FM6363_695 | 8_405. ssx | - M | • | download |
| | нјхз 💌 | | P3. 33_48x48_SM16169_ | 138_125. ssx | ** | | download |
| | HLL M | | 23_64x64_SM16017_696 | 0_16S. ssx | . 100 | 0 | download |
| | YLR 💌 | | 23_64x64_SM16227_595 | 8_16S. ssx | - #E | • | download |
| | lc 🖌 | | 73_64x64_SM16237_138 | _165. s sx | - 90 | • | download |
| | LD 💌 | | P4.81_52x52_ICM20385 | _138_13S. ssx | 100 | 0 | download |
| | TS 💌 | ~ | P4.01_52x52_ICM2053_ | 138_135. ssx | | | download |

Fig. 3-5 Universal module

2) Smart setting, for the all module, if there is no corresponding configuration file in 'Universal module', the module parameters can be set by 'Smart setting'.——For details, see section 4.

3) Advanced setting, in this interface, you can adjust gamma, color correction and other parameters to further adjust the effect of the LED screen display.

| Advanced | | | > |
|--------------------|---------------|-------------------|-----------------|
| Display correction | | | |
| Gamma | | | 2.8 |
| 🗌 Use custom gamma | L . | | customize |
| Color correction | | | 100% |
| Green Correction = | | | 100% |
| Blue Correction 😑 | | | 100% |
| Afterglow polarity | Low effective | ▼ Output mode | Normal output 🔹 |
| | | No signal display | Stop frame 🔻 |
| Rotation | 0 | • | |
| | | | Close |

Fig. 3-6 advance setting

4) Data group exchange, use for exchange output data from one port to another port.

| Data group exchange | | × | | | |
|--|---|---|---|--|---|
| Baable Fin Serial number order Serie 1 1 • 2 2 • | 1 number order 9 9 • 10 10 • | Quick operation for exchanges because order writy exchange | 2 • • Brenal brightness • Brightness priority • 506 • • 0 • | Tips Hodule type Som Decoding method Date polarity Of polarity Xighly effective Him Of Drive | Full Color Static Wonsed Lew effective Lew effective 170.20% 6000 Conventional chip etails Of Medal |
| 3 3 × | 11 11 · | | | Fox information. Victh (8 Neight (16 | C* 600 C* 128 |
| 6 6 · · | 13 13 · · · · · · · · · · · · · · · · · | | Data group exchange | Zead back Setuer | t pm ♥ Cwil 1 D |
| 0 0 | 16 16 - | OK Cancel mus | Ispert | Export | Send |

Fig. 3-7 data group exchange

5) Extended attribute, use for some special IC, such as high refresh rate IC. Register configuration is required to set up with this function.

| Extended attribute: | s | | | | | | - | | \times |
|---------------------|----------------|---------------|---|--------------------|----------------|----|----------|-------|----------|
| Regular Advanced | | | | | | | | | |
| Register group 1 - | | | | Register group 2 — | | | | | |
| | Migh byte(Mex) | Low byte(hex) | | | High byte(Hex) | | Low byte | (hex) | |
| Red chip | 1F 🗘 | 70 | - | Red chip | 7 F | \$ | 41 | | ٢ |
| Green chip | 1F 🗘 | 70 | ٢ | Green chip | 67 | ٥ | 41 | | ٢ |
| Blue chip | 1F 🗘 | 70 | • | Blue chip | 5F | \$ | 41 | | ٢ |
| -Register group 3- | | | | -Register group 4- | | | | | |
| | Migh byte(Mex) | Low byte(hex) | | | Migh byte(Mex) | | Low byte | (hex) | |
| Red chip | 40 🗘 | F7 | ٢ | Red chip | 00 | ٢ | 00 | | ٢ |
| Green chip | 40 | F7 | • | Green chip | 00 | \$ | 00 | | ٢ |
| Blue chip | 40 🗘 | F7 | • | Blue chip | 00 | - | 00 | | ٢ |
| -Register group 5- | | | | | | | | | |
| | High byte(Hex) | Low byte(hex) | | | | | | | |
| Red ship | 00 🗘 | 00 | • | | | | | | |
| Green chip | 00 | 00 | • | | | | | | |
| Blue chip | 00 🗘 | 00 | - | | | | | | |
| | | | | | OK | De | faults | Cano | el |

Fig. 3-8 extended attribute

6) Data set offset, use for some non-rectangular screens, such as cross screens, we can choose the data set offset to make it display ok.

| Refresh rate: 4140 Refresh rate acceleration: 16 Hodale type Scan Scan <td< th=""><th></th><th></th><th></th><th></th><th>Tips</th><th></th></td<> | | | | | Tips | |
|---|---|------------------|--|--|---|---|
| 14th Erequency: 17.000000 • Priority mode: Refrequency: Refrequency: Data polarity Data polarity hease 1 D bity cycle 50% • • • 0 0 Dita polarity Di | radation: | 65536 | · Brightness level: | Low light ~ | Sean | Full Color 1 / 32 130 Deceding |
| Image: Second | haze | 1 | Daty cycle | 50% ~ | Data polarity OE polarity | Nighly effective Low effective 05.02% |
| 000 settings Pin Inskage N00 70-12 (24808) Serial number Order Serial number Order Inskage St055 (20808) 0 © 1 0 © 9 0 © 100 0 © 10 0 © 0 © Neight 64 Load File Smart settings 4 0 © 12 0 © 6 0 © 14 0 © Default 7 0 © 15 0 © OK | way node | Low gray balance | | | Drive | ICH2053 etails Of Mode |
| |] 30375-12 (24353)] 30375-16 (32353)] 3555 (25353)] 3555 (25353)] 3564 File | | Fin Order Serial 1 0 0 2 0 0 3 0 0 4 0 0 6 0 0 7 0 0 | number Order 0 0 10 0 11 0 12 0 13 0 14 0 15 0 16 0K | Pox information Width 120 Noight 64 | © (= 5 © (= 5 pm • Card 1 |

Fig. 3-9 data set offset

4.Smart setting

1) The first step for Smart setting, need to set the screen color type, single module width(in pixel), module chip type, and decoding mode (drop-down options are: 138 decode, non decoding, 595 decode, 5958 decode, etc.). If the module is larger than 16 scan, please check 'More than 16'.

| 1 Basic settings | | ? | × |
|---|--------------|------|------|
| Screen type O Single and double co Full Color | lor | | |
| Module information | | | |
| Width | 16 | | - |
| Other | | | |
| Chip type | Conventional | chip | • |
| Chip model | Conventional | chip | • |
| Decoding | 138 Decoding | | • |
| More than 16 sweeps | | | |
| | | Next | step |

Fig. 3-10 basic setting

2) Data polarity setting, In this step, please try to select A B to see if the module is fully lit. Select the corresponding option in the display state according to the module performance.

| Data Polarity Se | tting | | | | | 2 | |
|------------------|-------|-------|-------|---|----|-------|--|
| Display Status | | | | | | | |
| 📃 Auto Switch | i. | | | | | | |
| | | © A | ۲ | B | | | |
| Display Status | A | black | while | B | is | white | |

Fig. 3-11 data polarity setting

3) OE polarity setting, At this step, please try to select A B to observe the brightness of the module. According to the performance of the module, select the corresponding option in the display state.



Fig. 3-12 OE polarity setting

4) Color channel setting, At this step, please try to select the status A ,B,C,D to observe the color display of the module. According to the module performance, select the corresponding option in the display status. If A is selected, the screen displays red, then choose red; if A is selected, the screen displays blue, then you need to change red to blue.

| Color Chanel Se | etting | ? × |
|-----------------|--------|-----|
| 🗖 Auto Switch | h | |
| State A | | • |
| 🔘 State B | | • |
| 🔘 State C | | • |
| 🔘 State D | | • |

Fig. 3-13 color channel setting

5) lines controlled by one RGB data, Please observe the performance of the module and fill in the corresponding values. This step is to test the height of a set of RGB controls

| Lines Li | t in One Module | |
|----------|-----------------|--------|
| | 16 | * * |

Fig. 3-14 lines controlled by one RGB data

6) Determine the scan module, Please observe the performance of the module and fill in the corresponding values. This step is to test the scan type

| Ho Determine the Scan Mode | ? × |
|-----------------------------|-----|
| Lines Lit in One Module | |
| Z Tips: a Pixel as Unit. | • |

Fig. 3-15 determine the scan module

7) Alignment description, Please observe the module performance and click the corresponding cell according to the location of the flashing point .

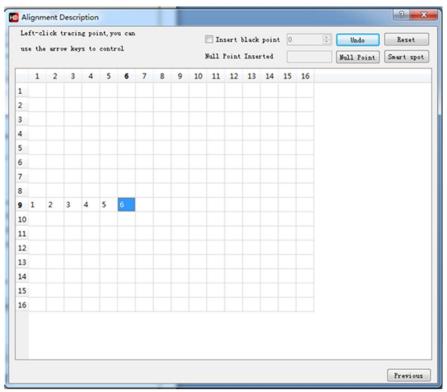


Fig. 3-16 alignment description

There is one point in the module which is in the upper left corner of the screen is flashing, and which point is flashing, click on the corresponding point in the table. For example, the 9th line, the 1st point is flashing, then click the point (9th, 1st) in the table. Then the point (9th, 2th) is flashing, then click it, following the flash point until all table is clicked.

After you finish, click Save to complete the smart settings.

Chapter 4 - Edit the Program

1.Software Interface

There is two parts in the software: play window and edit window.

Play window (what will show on the display: Use for showing the videos, photos and texts etc.

Edit window: Include the menu bar, tool bar, tree area, attribute area and status bar.

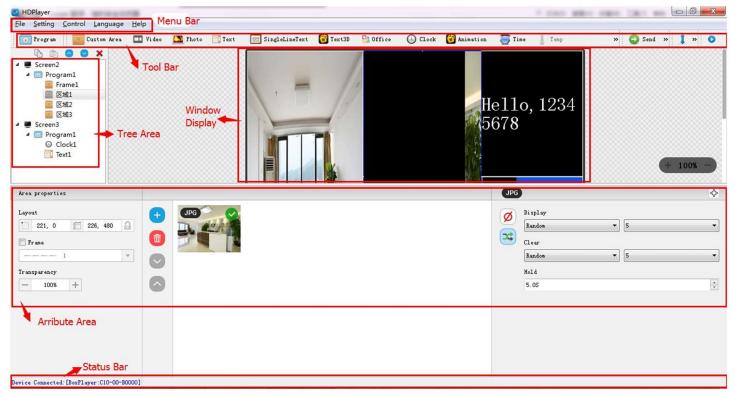


Fig.4-1 Software Interface

Menu Bar : Include files, setting, control, language and help.

Tool Bar: Include program, area, source file, text, document, clock and timer etc.

Attribute Area: Showing each section's information; Set the frame, the playing

effect and playing time.

Tree Area: Showing all the contents of this program.

Status bar: Detecting the card information.

2. Program Structure

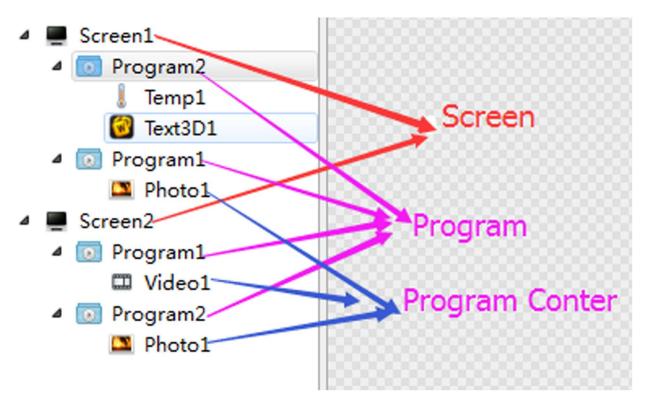


Fig.4-2 Program Structure

Screen: The LED large screen used by the user, the display content on the large screen is determined by it. Each "LED screen" has a parallel relationship, and multiple program pages can be added to the LED screen.

Program: The program page refers to a set of program windows and program content set by the user. Each "program page" has a parallel and sequential play relationship.

Program content: The specific content displayed on the LED screen. Including videos, pictures, texts, documents, clocks, timings, etc. The "play content" under the same program exists at the same time and is played at the same time. The content added first is at the bottom layer, and the content added later can cover the content added first, as shown in Figure 4-2, Program 2, 3D text of display screen 2, Will be overlaid on the picture.

3. New Screen

Select the menu bar [File] \rightarrow [New] option or press Ctrl + N key to create a new display, and can add multiple display at the tree area. To delete the display, select the display, and then press Delete or right-click to select the Delete option to delete the display.

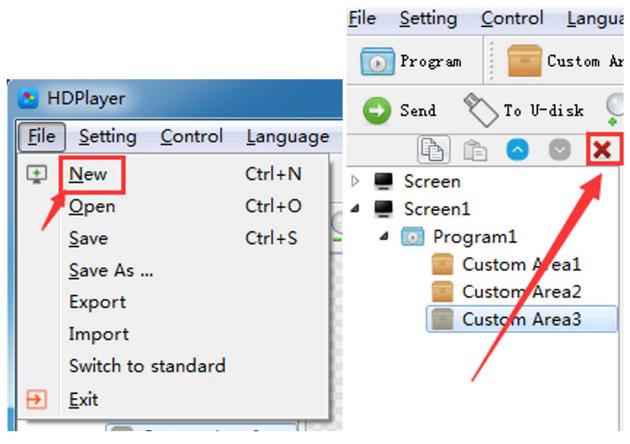


Fig.4-3 Add or delete display

1) Setting the play window

Click [Setting] \rightarrow [Screen Parameter Setting], into the parameter setting interface : (The width and Height it is led display size)

| Screen Parameters Setting | | × |
|---------------------------|-------------------------|--|
| Device list | C16L-23-A39B7 BoxPlayer | • • |
| Use Device Setting | C16L | |
| Device Type | CIOL | |
| Cseries V C16L | Suggested range | 1280 * 510 |
| ☐ 288 ☐ 96 | Maximum width | 8192 |
| | Maximum height | 1920 |
| | Storage capacity | 4 GB |
| | Gray scale | 256 ~ 65536 |
| | Communication Interface | Wired network / U disk / 3G / 4G / Wi-Fi |
| | Other | Two-channel stereo |
| | | |
| | | OK Cancel |

Fig. 4-4 Screen Parameter Setting

The default is use "hardware settings" read back the parameters of the control card; When you not select the "hardware settings", you can set the device model, module type, width and height; If the control card is connected to the computer, the system will show the control card ID in the "Select Device" option and select the device automatically. The Software supports "display" rename, delete, create, adding programs, send, close and other operations.

2) Display properties

| B HDPlayer | |
|--|--|
| <u>File Setting Control Language H</u> elp | |
| 💽 Program 🛛 🔚 Custom Area 🎞 Video 🔝 Pho | .o 📃 Text 📰 SingleLineText 🞯 Text3D 🛛 😕 |
| 😋 Send 🏷 To V-disk 🔍 🔍 1 👄 🕁 | 0 |
| | |
| 4 💻 Screen | |
| 4 D Program1 | |
| Custom Area1 | |
| | + 80% - |
| Screen Information | Synchronous playback |
| Path: D:/HDPlayer/work/Screen.boo | Enable |
| Device Type: USU | Display Immediate Show 🔻 Set same display effect |
| Screen Size: 512 * 240 | Clear Immediate Clear 🔻 Set same clear effect |
| BoxPlayer C30-00-B4809 | |
| | |
| | |
| | |

Fig. 4-5 Display properties

4. Adding programs

Click the "program" icon on the toolbar to create a new program; you need to add a display before you add a program. One display can add multiple programs, click the shortcut bar "delete" button can delete the "program". Users can right-click to rename, delete, add, copy, and move the "program".

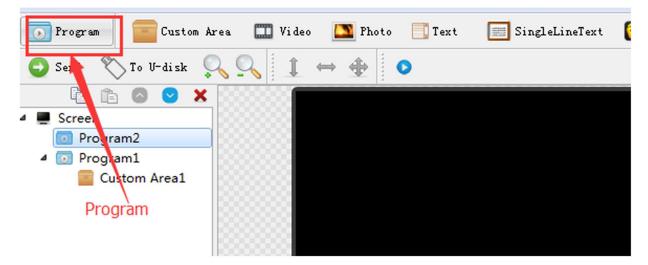


Fig. 4-6 adding new programs

1) Program attribute

In the program attribute, we can set the play time, duration, what time to play and play background music and borders; also can choose a number of background music, the setting has to be sent to the control card so it can take effect.

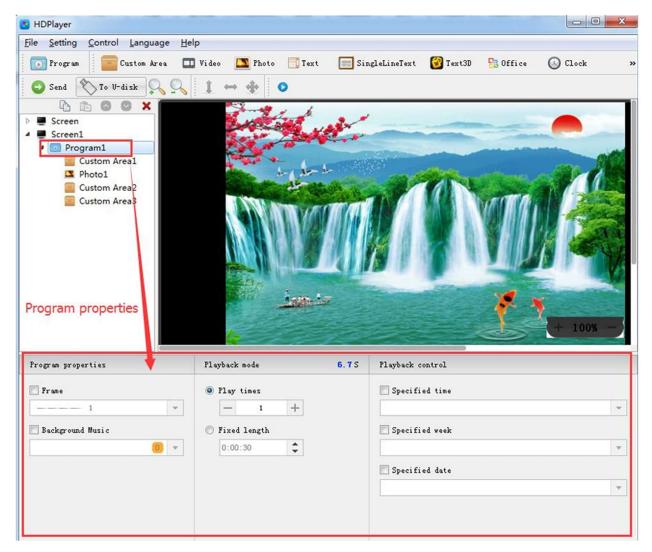


Fig. 4-7Program attributes

"Specified time" is the program playing time, "playing time" means play at a certain time or 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 analog display). It needs to add a program before you add a zone. You can add multiple areas under a program.

| B HDPlayer | | EN BADA | |
|---|------------------------|----------------------|---------------------|
| <u>File Setting Control Language</u> | Help | | |
| 💽 Program 🛛 🔤 Custom Area | 🎞 Video 🔼 Photo 📑 Text | 🧮 SingleLineText 🛛 🚺 | 🛐 Text3D 🛛 🔡 Office |
| 😋 Send 👏 To V-disk 🔍 🤇 | _ 1 ↔ ⊕ ⊙ | | |
| Screen Screen1 Program2 Custom Area1 Program1 Custom Area1 Photo1 Custom Area2 Custom Area3 | | | |

Fig. 4-8 Add Custom Area

Right-click the "area" can rename, delete, and add, copy, move and other operations.

1) Area attribute

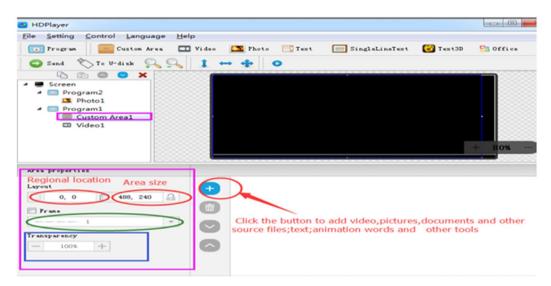


Fig. 4-9 Area attributes

Change the location and size of the area:

I

æ

· Set the X / Y coordinate, the width and height · Drag the area or stretch in the playback window

· Choose this

option. You can also set the area border and the transparency.

6. Add video, pictures, animation, forms and other source files.

Click the corresponding icon in the toolbar to add video, picture, animation, excel, Word, PPT and other source files, to delete the "source file", click the shortcut bar "delete" button.

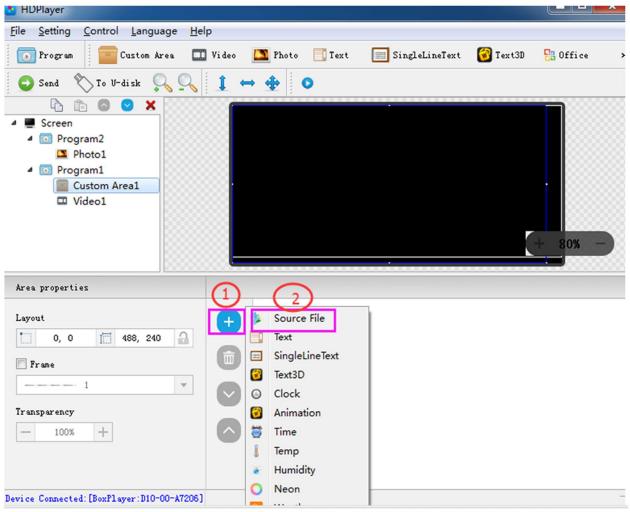


Fig. 4-10 Add source files

1) video attributes

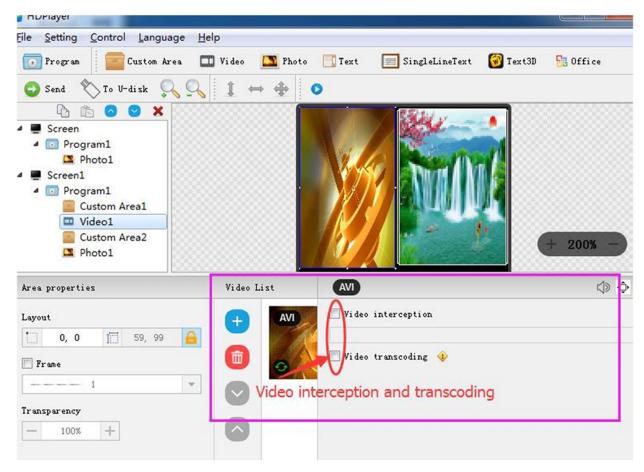
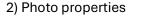


Fig. 4-11 video attributes

Note: For unconventional encoded videos, you need to check "Video Transcoding" and wait for the transcoding to complete before sending, otherwise the video may not be played.



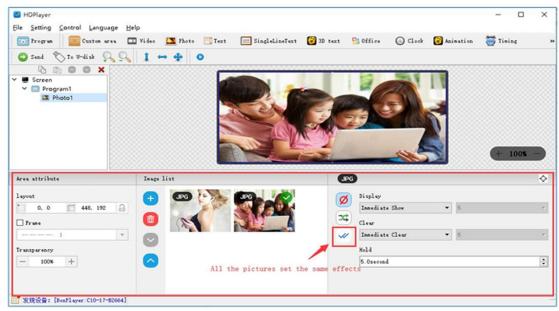


Fig. 4-12 Photo properties

We can set the picture display effects, display speed and the time of the displays and clear.

3) Gif animation properties

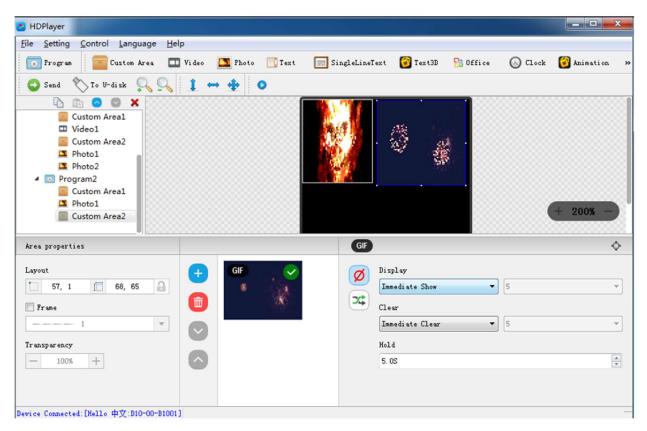


Fig. 4-13 Gif animation properties

We can set the picture display effects, display speed and the time of the displays and clear.

4) Add multiple lines Text

Click the "text" to add multiple lines text, to delete the "multi-line text", click the shortcut bar "delete" button.

| HDPlayer | | | | | - 0 X |
|---|---|--|----------------------------|------------|--------------|
| File Setting Control Language Hel | p Video 🍱 Photo 📄 Text 📻 IJ | Text Bold Text Italic Text Underline | Ctrl+B Ctrl+I Ctrl+U | () Clock | ; |
| Send To U-disk Send To U-disk Screen Screen Screen Screen SingleLineText1 SingleLineText1 SingleLineText1 Text1 Program5 Clock1 Screen Time1 Program4 Time1 Fremp1 Fext3D1 | 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ 1 ↔ | Align Left Align Center Align Right Content Align Bottom Content Align Center Content Align Top Transparent Background Editor Background Color Text Color Text Background Color | Ctrl+L Ctrl+E Ctrl+R | + | 100% - |
| Area properties | Display 🔶 1 / 1 🔿 | Table Properties | • | | |
| Layout 7, 85 1 481, 179 1 Frane Transparency - 100% + | ★体 ● 14 ● 14 ● 14 ● 14 ● 14 ● 14 ● 14 ● 1 | Display Random Clear Random Hold 5.0S | |) 5) 5 | • • |

Fig. 4-14 Text attributes

It can set the text display effects (40 kinds of display and clear screen effects), display speed, the time of display and clear screen and text editing, it can also import Word, TXT, RTF and other formats of text;

5) Add Single Line Text

| HDPlayer | | 10.0000 | A second second second | | 1 | | |
|--|--------------------|---------------|--------------------------|------------------|---------|-------------|----|
| <u>File Setting Control Language Help</u> | | | Text Bold Text Italic | Ctrl+B Ctrl+I | 0 | () | |
| 💽 Program 🔤 Custom Area 🛄 V | Video 🍱 Photo 📑 Te | at 💷 🖸 | Text Underline | Ctrl+U | 🕓 Clock | 🔞 Animation | ** |
| 🕤 Send 👋 To V-disk 🔍 🔍 | 1 ↔ ⊕ • | | Align Left | Ctrl+L | | | |
| | | | Align Center | Ctrl+E | | | |
| D Screen | | | Align Right | Ctrl+R | | | |
| Screen1 Program3 SingleLineText1 Program2 Temp1 | WELCOME | TO CH | Content Align Center | | | | |
| Text3D1 Program1 Photo1 Screen2 Program1 Video1 | | | Text Background Color | , | | + 100% - | Į |
| Area properties | Display 🔶 | 1/1 🔿 | | • | | | |
| Layout | 床体 ▼〕 | 14 • » | Display | | , | | |
| 0, 0 🖆 410, 244 🔒 | WELCOME TO C | HINA | Continuous Nove Left | | | ▼ 5 ▼ | · |
| Frane | | | | | | | |
| 1 Transparency - 100% | | | | | | | |

Fig. 4-15 Single Line Text attributes

Support "ordinary effects" and "continuous movement" two special effects, "ordinary effects" can set a single line text display effects (40 kinds of display and clear screen effects), display speed, the time between display and clear screen and the text edit; "continuous movement" can set continuous left or continuous right shift, whether the first connected, playback speed, playback time, playback times, etc.,

6) Add Clock

Support "analog clock" "digital clock" "picture clock" three clock types. It can set different time zones; the time can be corrected if there is a deviation. We can set description text, spacing, font type, and font size, etc.



Fig. 4-16 Analog clock display

| B HDPlayer | | | | | | | | | - |
|---|--|--------------------------|----------|--|-----------|------------------|---------|-----------|----|
| File Setting Control Language Hel | p | | | | | | | | |
| 💽 Program 🧧 Custon Area 🛄 | Video 🎑 Photo 📑 Text | SingleLineText | 🚱 Text3D | Strice 05 | 🕓 Clock | 🚱 Animation | 🦉 Tine | . Tenp | ** |
| 😋 Send 🗞 To V-disk 🔍 🔍 | 1 ↔ 4 0 | | | | | | | | |
| | | 2017/04/12/ Wednesday | | | | | | + 100% - | |
| Area properties | Clock properties | | G | | | | | | |
| Layout 37, 12 117, 99 Frane | Time Zone (MTC+08:00)Beijing, Chongqing, Time Correction | 0000 🕒 | • | Fonts 宋体 Dial styl Line Clock op | Round Squ | are) (Square) (S | quare) | •] [12 • |] |
| - 100% + | 00:00:00 | Ý | | Title | | k AM/PM | | × |] |

Fig. 4- 17Analog clock attribute

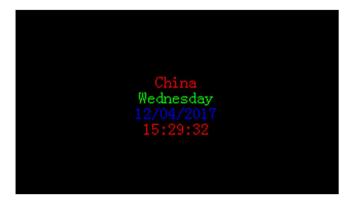


Fig. 4-18 DIGITAL CLOCK DISPLAY

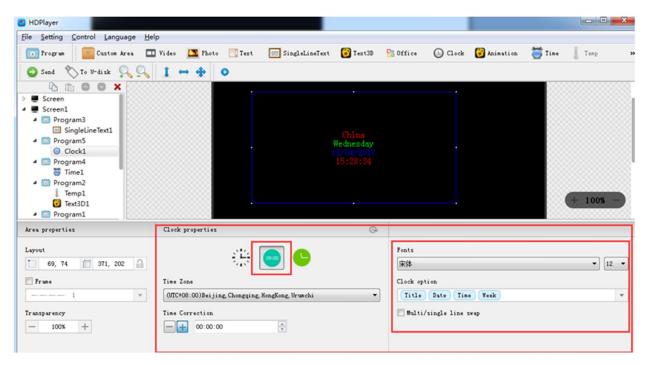


Fig. 4-19 DIGITAL CLOCK ATTRIBUTES



Fig. 4-20 PICTURE CLOCK DISPLAY

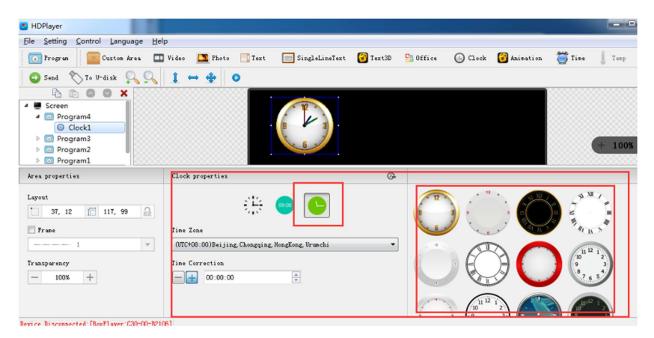


Fig. 4-21 PICTURE CLOCK ATTRIBUTES

7) Add Timing

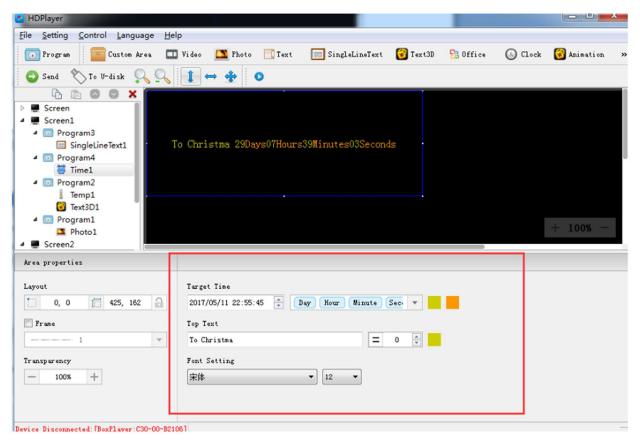


Fig.4-22 Time attributes

We can set timing mode, display mode, goal time, spacing, font type, font size, color etc.

8) Sensor

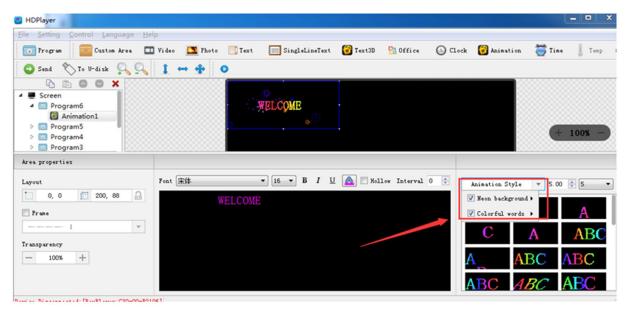
We can set the font size, color, temperature unit, etc.

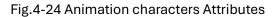
In the sensor type, you can choose temperature, humidity, brightness, PM2.5, PM10, wind direction, wind speed and noise. Note: To use this function, sensor accessories must be added

| | File Setting Control Language | Help | | | | | | | |
|--|---|---------|---------------|-----------|-----------------|-------------|-------|------|--------|
| > Screen10 > Screen11 > Screen13 > Screen13 > Screen14 > Screen12 Area attribute Image: Screen12 | 💽 Program 🧮 Custom area | Vi deo | 🝂 Photo | 🔚 Text | SingleLineText | 🐼 Animation | Clock | >> | 📣 Send |
| > □ 三元第88 > □ 三元第88 > □ 三元第90 > □ 三元第92 > □ 三元第93 > □ 三元第95 > □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | Pa (a) (a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c | | | | | | | | |
| > Screen10 > Screen11 > Screen13 > Screen13 > Screen13 > Screen13 > Screen14 > Screen14 > Screen12 Image: Screen14 > Screen14 > Screen12 Image: Screen12 > Screen14 > Screen12 > Screen14 > Screen12 | | | | | | | | | |
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| > Browst > Sensor1 > Screen12 > Screen12 > Sensor Type 1 0 #49. 64 Frace > Frace > Frace > Frace > Frace > Sensor Type Transparency Sensor Attribute | | | | | | | | | |
| Server 12 Interference 12 In | | | | | | | | | |
| > = □ = □ = □ > > = □ = □ > < | | | | | | | | | |
| > =====################################ | | | | | | | | | |
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| > ■示辩95 ■示辩95 ● ■示辩95 > ● Sensor1 > ● Screen14 > ● Screen12 Area attribute 1ayout ● 0, 0 ● 449, 64 ● 1 ● Frame ● Frame ● Transparency Transparency Sensor Attribute | | | | | | | | | |
| > Transparency Sensor Type > Sensor Type Image: Sensor Type > Sensor Type Image: Sensor Type > Transparency Sensor Type | > 🔲 显示屏95 | | | | | | | | |
| Screen14 Screen12 Area attribute layout 0, 0 449, 64 Frame Frame Frame Frame Transparency Sensor Attribute | ~ 🔲 显示第96 | | | | | | | 5000 | |
| Screen14 Screen12 Area attribute Layout 0.0 0.0 449.04 Frame Sensor Type Frame Frame Frame Sensor Type Frame Sensor Type Transparency | | | | | | | | | |
| Area attribute layout 0,0 449,64 Frame | > Screen14 | | | | | | | | |
| Isyout Sensor Type 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Text | > Screen12 | | | | | | | | |
| Isyout Sensor Type 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Text | 188 | | | | | | | | |
| Isyout Sensor Type 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Text | | | | | | | | | |
| Isyout Sensor Type 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Text | 100 | | | | | | | | |
| Isyout Sensor Type 0,0 449,64 temp Frame Fixed Text | 188 | | | | | | | | |
| 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Image: Sensor Attribute | Area attribute | | | | | | | | |
| 0,0 449,64 Frame Fixed Text Image: Sensor Attribute Image: Sensor Attribute | layout | Senso | or Type | | | | | | |
| Frame Fixed Text i v The Temperature T Transparency Sensor Attribute | | | | | • | | | | |
| Transparency Sensor Attribute | | | | | | | | | |
| Transparency Sensor Attribute | | | | | T | | | | |
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| | - 100% + | De | grees celsius | Single li | ine display - T | | | | |
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| | | | | | | | | | |
| E Device Connected: [BoxFlayer: A3-19-A62D1] | Parice Connected [BoyP] | -462011 | | | | | | | |

Fig.4-23 Sensor attributes

9) Animation characters Attributes





Support setting the font description, font color, font special effect, special effect speed etc.

10) Neon Attribute

Neon is generally used as a background.

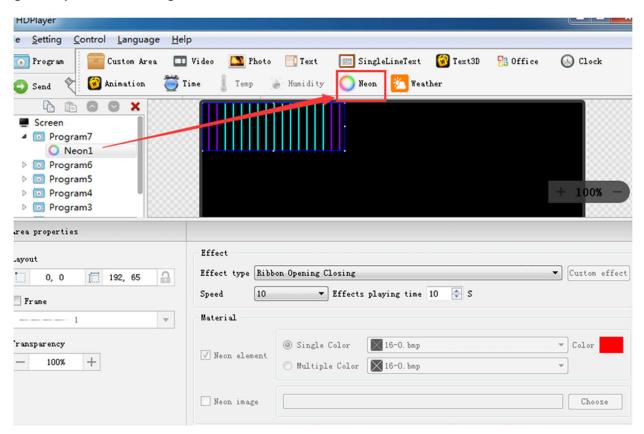
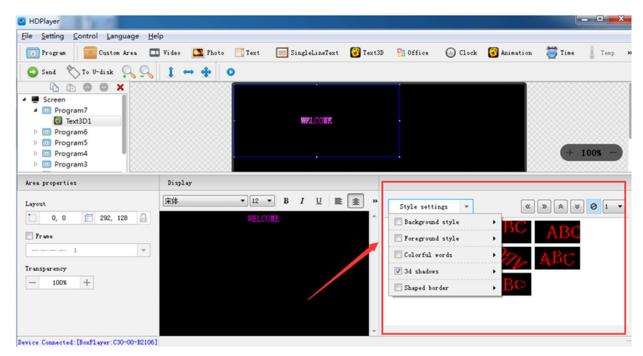


Fig. 4-25 Neon Attribute

11) Add 3D Text



12) Add Weather

To modify the weather of the city, you can modify it in the weather attribute. You can set the font and display style of the weather in the weather attribute.

| 🖻 Program 🧮 Custom area | 🔛 Video 🛛 🔺 Photo | 🛅 Text 📑 SingleLineText | 🐼 Animation | Clock | 🗊 3D text | 1 Office | >> | 🚸 Send | » | 1 » | |
|---|---------------------------------|---|-------------|-------|--|----------|----|--------|---|------------|----|
| □ 显示第87 □ 显示第88 Screen10 Screen11 Screen13 □ 显示第90 □ 显示第90 □ 显示第92 □ 显示第93 □ 显示第93 □ 显示第95 □ 显示第95 □ 型示第96 ▼ ■ 节目1 | | dist A 1705 SC 150 Overast Frees Rect. Find | | | | | | | | 100% | |
| 🛞 Weather1 | | | | | | | | | | | |
| yout 0, 0 (255, 64) Franc | Standard style Display style | eep Veather Vind Direction | | T Ø | Display Innediate Clear Innediate Hold | | | | | 5 1 fas | st |
| - 100% + | | | | _ | 5.0second | | | | | | _ |

Fig. 4-27 Weather Attribute

Note: To display weather information, the control card needs to be connected with a internet accessible network and your sign must be large enough to display all the data, as some signs are not capable or large enough.

13) HDMI IN (Only supported by synchronous/asynchronous play box) Add an HDMI IN area, connect to HDMI, this area can display the synchronized picture. In this way, synchronous/asynchronous pictures can be played at the same time, that is, the advertisements are played together without delay watching the live broadcast.

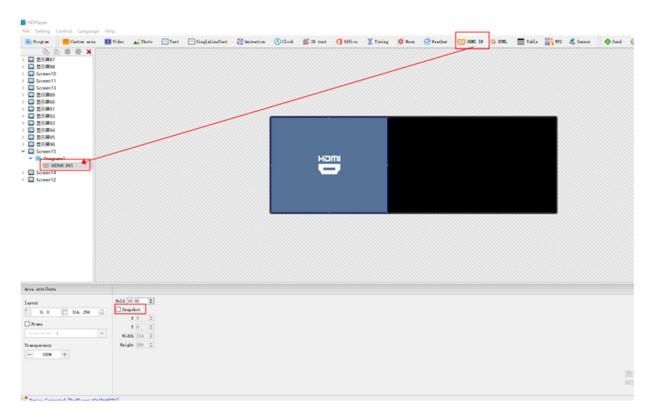


Fig. 4-28 HDMI IN Attribute

14) HTML (Only supported by synchronous/asynchronous play box) Provide available HTML links, and the screen can display the content of the HTML links;

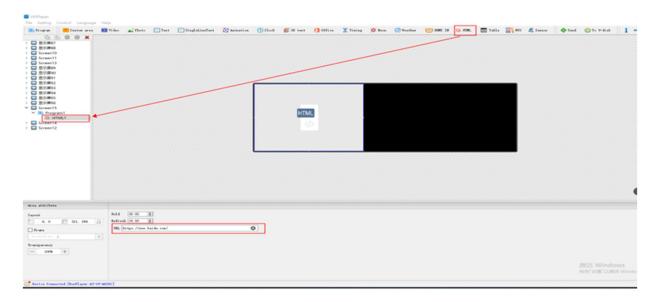


Fig. 4-29 HTML Attribute

Hold: HTML staying display time; (if there is only one program, no matter how many seconds is set, it will always be displayed)

Refresh: The time to get data from the HTML link; (such as setting 15 seconds, that is, the data will be obtained from the HTML link every 15 seconds)

15) Add table

After adding a table, you can set the number of rows and columns of the table. Select the cell, you can also modify the width/height of the cell individually.

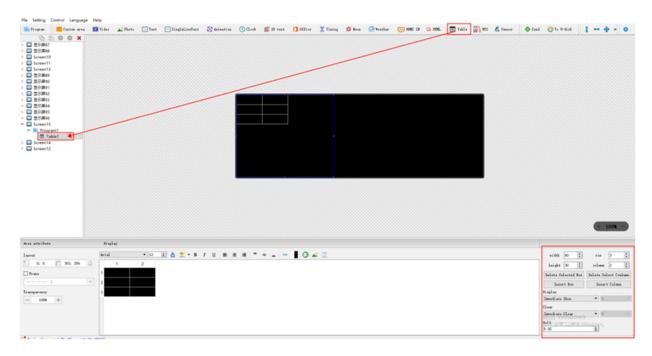


Fig. 4-30 table Attribute

16) WPS

After the computer installs WPS2019 Professional Edition, it supports adding word, excel and PPT files

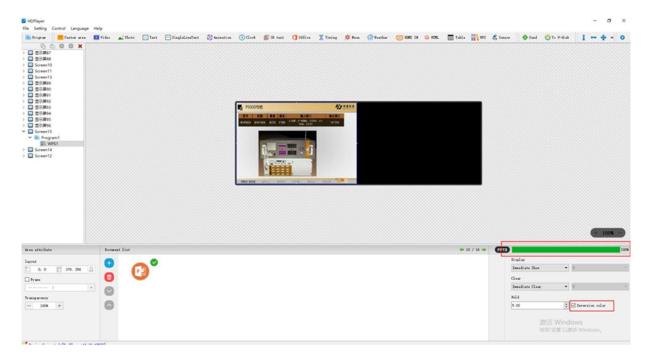


Fig. 4-31 WPS Attribute

Note: After the document is imported, the default is to check the "Inversion color", that is, the black font in the document will display white, and the red font will display cyan; if you want to display the original color of the text, remove the \checkmark of "Inversion color".

7. Program Preview & Save

1) Program Preview

After finishing editing program, click to play, click to stop to return to the software editor.

| B HDPlayer | | - • × |
|---|---|--------------------|
| <u>File Setting Control Language He</u> | p | |
| 💽 Program 🧧 Custom Area 🛄 | Video 🛄 Photo 📑 Text 📰 SingleLineText 🔞 Text3D | 🔡 Office 🚯 Clock 🥠 |
| 📀 Send 👏 To V-disk 🔍 🔍 | 1 ↔ ⊕ | |
| | | + 100% - |
| Area properties | | |
| Layout | Effect | Preview button |
| 0, 0 🗂 192, 65 🔒 | Effect type Ribbon Opening Closing | ▼ Custom effect |
| Trane | Speed 10 - Effects playing time 10 🜩 S | |
| 1 v | Material | |
| Transparency - 100% + | ✓ Neon element Ø Single Color Multiple Color ✓ 16-0. bmp | Color |
| | Neon image | Choose |
| | 2 | |

Fig. 4-32 Program Preview

Play: Program could not be edited while the screen is under a loop playback;

Pause: Program could not be edited while the screen is on pause status.

Stop: Screen will display the contents before operating, back to editing status.

2) Program Saving

Choose $[File] \rightarrow [Save]$, or press "Ctrl" and "S", edited program will be saved on a default file named work, file name will be "screen name. boo", users can choose $[File] \rightarrow [Open]$ for using. Choose $[File] \rightarrow [Save as]$, users can choose the saving location and set the file name, and then open to use at next time.

Select [File]→[Save As] in the menu bar to export the currently edited display seen file to a custom path for use in a different computer next time.

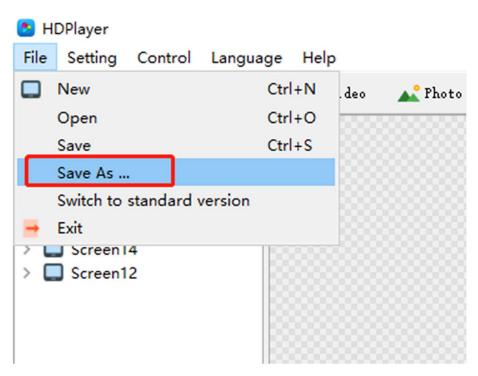


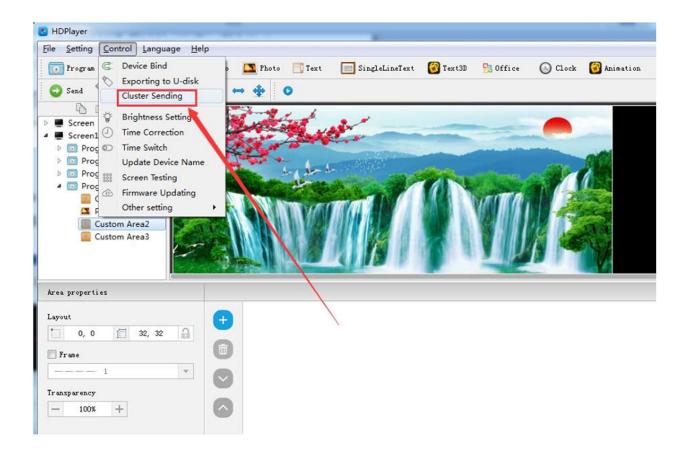
Fig. 4-33 Save the screen file as..

Chapter 5 Program Update

After finishing editing, the contents can be sent to the screen and will be showed on screen. The control card support updating programs through network and U-Disk. Meanwhile, it supports U-disk to expand memory limitless.

1. Network 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 build only one display, then click $[control] \rightarrow [Cluster Sending]$, tick the box in front of "Device", and then click the send button.



| 🔁 Send Project | 1 | | | × |
|----------------|-----------------|-------------|----------|-------------|
| Screen17 | Device ID | Device name | Progress | Status |
| Screen16 | A6-19-A0B5E 🛛 🌒 | AG-19 | | |
| Screen14 | | | | |
| Screen12 | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | Send Cancel |

Fig. 5-1 Network Cluster sending

The current control card model is different, the size of the display screen is different, and the content displayed on each display screen is different. You need to build several more display screens, then click Control \rightarrow Cluster P a g e | **36**

sending, check the corresponding devices, and then switch the display screens respectively. , Click the send button.

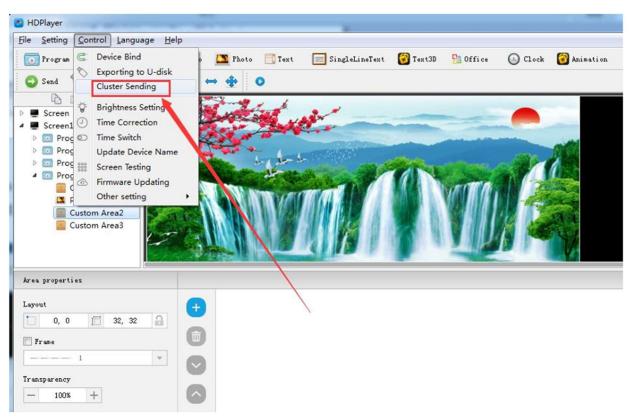


Fig.5-2 Network Cluster sending

2. Update program by U-Disk

Plug U-Disk into PC, click [control] -> [export to U Disk] or click Export to U-Disk on tool bar, choose "Update Program", programs will be exported into U-Disk. Plug U-Disk into control card, program on U-Disk will be copied to the card's storage board; screen will come out the tips.

Take away the U-Disk after copy. Screen will display the new program. Repeat same operation when renew program. USB extension cable should be within 5m.

| 3 | elect device: | Removable Disk E | | 7.5 GB * | |
|----------------|---------------|----------------------|--------|-----------------|---|
| Export program | Exp | ort program | | | |
| Device Lock | | Capacity information | | 7.5 GB / 7.5 GB | |
| ~ | | Required space | 2.0 KB | | |
| | | mode | Сору | | • |

3. U-Disk expand memory Limitless

Choose "Display" after exporting program to U-Disk. Control card will display contents on U-Disk after inserting U-Disk into card. (No need to restart computer, program will begin display once inserting U-Disk into card). By this way, users can extend programs contents according to memory of U-Disk. 5m USB extension cable also support for U-Disk Display.

| Exporting to U-or | lisk | | | | | \times |
|--------------------|-------------------|-------------------|------------|-----------------------|---------------------------|----------|
| | Select device: | Removable I |)isk E | | 7.5 GB▼ | |
| 🗹 Export program | Ex | port program | | | | |
| 🗌 Device Lock | | Capacity info | rmation | | 7.5 GB / 7.5 GB | |
| ~ | | Required | d space | 2.0 KB | | |
| | | | mode | Play | - | |
| | Plu pla | ng and play. Whil | Le pullin≰ | g out, program in the | Flash on board will go on | |
| In order to protec | t content securit | y, please turn i | t on Devi | ce Lock Setting | Export Cancel | |

Fig. 5-4 U-Disk expand memory Limitless

In addition, insert the U disk into the control card, and the network cable transmission program will be sent to the U disk. The size of the plug-in U disk can be used to send programs.

4. Device lock setting

After the device turns on the device lock, using the USB flash drive to update the program will prompt "device is locked", you need to enter the password in the software. "Export USB flash drive" interface, enter the password for the device lock option, and then click Export to update the program.

| Exporting to U-disk | | | | | × |
|-------------------------------|-----------|--------------------------|-----------------------|------------------------|---|
| Select de | vice: | Removable Disk E | | 7.5 GB▼ |] |
| 🗹 Export program | Dev | ice Lock | | | |
| 🗹 Device Lock | | Password | | ▼ | |
| Brightness setting | 0-11 | hen the device lock is t | Remember passwor | | |
| Time correction | | Lock Setting | urned on will take er | rect, crick to jump to | |
| Switch machine settings | | | | | |
| 🗌 Hardware parameters | | | | | |
| 🗌 Firmware upgrade | | | | | |
| 🗌 WiFi Setting | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| In order to protect content : | security, | . please turn it on Devi | ce Lock Setting | Export Cance. | L |

Fig. 5-5 Device lock interface

5.Brightness setting

The export U disk interface can adjust the brightness of the device. There are three modes of brightness adjustment that can be adjusted manually, adjusted by time period, and automatically adjusted (you need to add a brightness sensor).

| Ismorable disk E Brightness setting ande | | 7.5 GB * | 5 | alect device: | Renovable Disk E | | | |
|--|--|---|---|--|---|---|---|--|
| | | | | | Destruct root a | | 7.5 | GB * |
| n+če | | | 🖉 Esport program | Bri | ghtness setting | | | |
| | Defealt node | • | Device Lock | | node | Custon node | | - |
| Brightness | | 100% | 🛛 Brightness setti | NE 8 | 00.00.00 | | - | 100% 💼 |
| | | | Time correction | C | | | | 00* 💼 |
| | | | Switch machine s | ettings | 00.00.00 | | - | 00% 📋 |
| | | | 🗌 Xardeure paramet | | | | | Đ |
| | | | 🗌 timme uppele | | | 0.00 | 100 | |
| | | | 🗌 ViFi Setting | | 00.00.00 | 0.00 | 100 | |
| | | port Carel | In order to protect | centent security. | please two it on Devi | te Leek Setting | Lipert × | Carel |
| | Select device: | Removable I | Disk E | | 7 | .5 GB * | | |
| | | | | | | | | |
| | en Bi | rightness se | | | | | | |
| Device Lock | | | | | mode | | | |
| Drightness s | etting | | | hi gh | | • | | |
| Time correct | ion | Bri | ghtness range | _ | 2 | 2 | | |
| Switch machi | ne settings | | | | 30% | 100% | | |
| Hardware par | aneters | | | | | | | |
| Firmare une | rada | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | in please two it as locid Exporting to L Export progr Device Lock Brightness s Time correct Switch machi Kardware par Firmware upp WiFi Setting | ity, please two it so beine Lok Setting | in, place ban it a lawin Lob Sating Egent Canal Select device: Renovable Export program Brightness set Device Lock Dirightness setting Time correction Switch machine settings Nardware parameters Firmware upgrade WiFi Setting | ing place bas it as beine Lod Sentiag ing, place bas it as beine Lod Sentiage ing | ing place two it a lowing Lod Satting Legert Courd Section 2000 11 11 11 11 11 11 11 11 11 11 11 11 | in plane ten if a boin Lob Settion in plane ten if a boin Lob Settion in the setting in the seting in the setting in the setting in the setting in the | Its erretin Bride tention B | its free or year in a brin tod Satisfy Type? Cand It we way in a brin tod Satisfy Type? Cand It we be to prote enter serving plane ten it a brin tod Satisfy Type? It be brind tod Satisfy Type? It we be to prote enter serving plane ten it a brin tod Satisfy Type? It be brind tod Satisfy |

Fig. 5-6Brightness setting interface

6.Time correction

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

| Select dev | ice: Removable Disk E | 7.5 GB * |
|-------------------------|---------------------------|--|
| 🗹 Export program | time setting | |
| 🗌 Device Lock | System time zone | (UTC+08:00)Beijing, Chongqing, HongKong, Urumc 💌 |
| Brightness setting | summer time | |
| 🗹 Time correction | Automatic synchronization | Disabled 👻 |
| Switch machine settings | 🗹 Time correction | 2021-11-05 19:33:36 |
| 🗌 Hardware parameters | Calibration mode | Synchronize the computer 💌 |
| 🗌 Firmware upgrade | | 2021/11/05 19:33:36 🛟 🚹 |
| 🗌 WiFi Setting | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Fig. 5-7time correction

7.switch machine setting

Set the timing switch to make the control card black screen or play the program within the specified time

| Select device: | | Removable Disk E | Removable Disk E | | 5 GB - |
|--------------------------------------|--|-----------------------|------------------|----------|--------|
| 🗹 Export program 🗹 E | | able the timer switch | | | |
| Device Lock | | boot time | | Off time | |
| Brightness setting | | 00:00:00 | • | 00:00:00 | • |
| Time correction | | 00:00:00 | • | 00:00:00 | • |
| Switch machine settings | | 00:00:00 | • | 00:00:00 | • |
| Hardware parameters | | 00:00:00 | • | 00:00:00 | • |
| _ Firmware upgrade _ ₩i¥i Setting | | | | | |

Fig. 5-8 switch machine setting

8.Hardware parameters

The current display shows garbled characters. You can export the configuration file of the same type of module that was previously set up intelligently through a U disk, and then insert it into the control card for adjustment.

| Exporting to U-disk | | |
|-------------------------|---------------------------------|--------------------------------------|
| Select devic | Renovable Disk E | 7.5 GB - |
| 🗹 Export program | Hardware parameters | |
| Device Lock | Netcard 1 | 2.5_128x64_CFD435A_SN5166_325(宏欣.ssx |
| Brightness setting | | |
|] Time correction | | |
| Switch machine settings | | |
| 🖉 Mardware parameters | | |
| Firmware upgrade | | |
| WiFi Setting | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | urity, please turn it on Device | E Look Setting Export Cancel |

Fig. 5-9 hardware parameters

9.Firmware updating

If you encounter special chip debugging or newly added functions that need to be upgraded, you can upgrade the firmware through the U disk to upgrade the version of the control card. During the upgrade process, the power cannot be cut off, and the U disk cannot be plugged or unplugged.

| Select dev | ce: Renovable Disk E | 7.5 GB | Ŧ |
|-------------------------|----------------------|--|---|
| 🗹 Export program | Firmware upgrade | | |
| Device Lock | please shoose | n Files/HDPlayer/BoxPlayer_7_6_0_0.bin | |
| Brightness setting | | | |
| Time correction | | | |
| Switch machine settings | | | |
| Nardware parameters | | | |
| 🗹 Firnware upgrade | | | |
| WiFi Setting | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Fig. 5-10 firmware upgrade

10.Wi-Fi setting

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 export U disk "Wi-Fi" setting interface.

| Select device: | Removable Disk E | 7.5 GI |
|-------------------------|------------------|-------------------|
| 🗹 Export program | Vifi settings | |
| Device Lock | enable | |
| Brightness setting | mode | AP 👻 |
| Time correction | SSID | Ø 💉 |
| Switch machine settings | Password | |
| Hardware parameters | IP address | 192 . 168 . 6 . 1 |
| Firnware upgrade | channel | 1 ~ |
| √ WiFi Setting | Encryption | WPA-PSK |
| | | |
| | | |

Fig. 5-11 Wi-Fi setting

Chapter 6 System Setting

Click [setting] -> [system setting], it has save warning, delete warning, Display Frame Top most, use password and other settings.

| 🞦 System Setting | |
|-----------------------|-------------------------|
| Basic settings | 🖂 Display Frame Topmost |
| Security settings | From right to left |
| Device key management | Network Is Busy |
| | 🔽 Delete Warning |
| | Save Warning |
| | |
| | |

Fig. 6-1 system setting

Saving warning :

When tick it, saving warning will pop out when exit the software; or else, software will save automatically without warning.

Delete warning :

When tick it, delete warning will pop out when exit the software; or else, software will delete automatically without warning.

Using password :

When tick it, users will need to input password to enter "hardware setting" "firmware upgrade" or cancel password; Or else, software will regard user as administrator thus no need to input password.

Default password is "168" or "888".

Change the password: Change the default password of the system to another password.

Display Frame Topmost :

Means that the display window is on top when previewing the playback effect

Chapter 7 System Control

System Control including "play mode setting" "Brightness setting" "Time Correction" "start-up screen" "Screen Testing" "device reboot" "Direct search by manual"

"Firmware Update" "Network settings" "Cloud server setting" "Sync setting".etc

1.play mode setting

This function is suitable for A601/A602/A603/A4/A5/A6 these synchronous and asynchronous dual-mode playback boxes. The software can be set to synchronous priority mode or manual mode.

| 睯 Play Mode | | | × |
|----------------|---|--------------|---|
| Select device: | A6-19-A0B5E | A6-19 | • • ¢ |
| play mode | Asynchronous First | - 🗄 | |
| Default play | Synchronous First Asynchronous First Fixed mode | DMI input pi | cture (such as Live TV) in the time below : |
| 🗌 timel | 00:00:00 | To 00:00:00 | |
| 🗌 time2 | 00:00:00 | To 00:00:00 | ÷ 🛍 |
| 🗌 time3 | 00:00:00 | To 00:00:00 | |
| 🗌 tine4 | 00:00:00 | To 00:00:00 | • • |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | OK Cancel |

Fig. 7-1 play mode setting

2. Brightness setting

Select the ID of the control card whose brightness needs to be adjusted in the connected devices, regardless of the network port, the two network ports save the same brightness, "Got brightness successfully", then can start setting.

Three types of brightness setting for choice:

1. Brightness setting; 2. Brightness setting according to time; 3. Brightness setting according to environment.

1) Default Brightness Adjustment

| Device Information | | | | | × |
|-------------------------|-------------|------------|--------------|-----|--------|
| Select device: | A6-19-A0B5E | A6-19 | | • • | c |
| Device Information | Brightness | setting | | | |
| Volume setting | | mode | Default mode | | • |
| Brightness setting | | Brightness | | | 100% |
| Time correction | | | | | |
| Switch machine settings | | | | | |
| Relay setting | | | | | |
| Network settings | | | | | |
| Device Lock Setting | | | | | |
| ~ | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | 0k | Cancel |

Fig. 7-2 Default Brightness Adjustment

2)

Custom brightness

Tick it after setting the time and brightness and then click "ok", on left bottom will see tip "set successfully", it means save in controller. Choose Adding option can have multiple setting for user-defined data range. The defaults are three user-defined options.

| Select device: | A6-19-A085E | A6-19 | | • • • |
|------------------------|-------------|----------------|-------------|-------|
| Device Information | Brightnes | s setting | | |
| | | mode | Custom mode | - |
| olume setting | 01 | 00:00 | | 77% 📆 |
| ightness setting | 05 | 01:00 | | 55% 📆 |
| ime correction | | :01:00 🗘 | | 31% 🔟 |
| witch machine settings | | | | Đ |
| elay setting | Onset tim | e | | |
| etwork settings | 1 01 | :00:00 ~ 05:01 | :00 | 77% |
| | 2 05 | :01:00 ~ 13:01 | :00 | 55% |
| wice Lock Setting | | | | |

Fig. 7-3 Custom brightness

3) Automatic Adjustment

| Device Information | | | | | : |
|-------------------------|--------------|----------------|----------------|-------|--------|
| Select device: | A6-19-A085E | A6-19 | | • • • | |
| Device Information | Brightness s | etting | | | |
| Volume setting | | mode | Automatic mode | | • |
| | Se | nsitivity | hi gh | | • |
| Brightness setting | Br | ightness range | 0 | | |
| Time correction | | | 1% | | 100% |
| Switch machine settings | | | | | |
| Relay setting | | | | | |
| Network settings | | | | | |
| Device Lock Setting | | | | | |
| ~ | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | * | | | Ok | Cancel |

Fig. 7-4 Automatic Adjustment

Note : The brightness must have an external brightness sensor for automatic adjustment, otherwise this function is invalid.

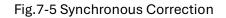
3. Time Correction

After connecting device, choose ID of the controller that need to correct time. On left bottom will show a tip "get time successfully" then can start time correction. System will adjust time automatically according to time zones setting by computer and controller.

1) Synchronous Correction

Time will be synchronous with computer time. Choose option "OK", on left bottom will show "Set Successfully", means set successfully.

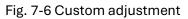
| Device Information | | |
|-------------------------|---------------------------|--|
| Select device: | A6-19-A0B5E A6-19 | • • ¢ |
| Device Information | time setting | |
| Volume setting | System time zone | (UTC+08:00)Beijing, Chongqing, HongKong, Urumchi 🔻 |
| Brightness setting | summer time | |
| Time correction | Automatic synchronization | Disabled • control card's time |
| Switch machine settings | ✓ Time correction | 2021-11-05 17:01:17 |
| Relay setting | Calibration mode | Synchronize the computer |
| Network settings | | 2021/11/05 17:01:14 🔹 🕦 |
| Device Lock Setting | | |
| ~ | | |
| | | |
| | | |
| | | |
| | | 0k Cancel |



2) Custom adjustment

Choose option "OK" after time setting, on left bottom will show "Set Successfully", means set successfully.

| Select device: | A6-19-A0B5E A6-19 | • • C | |
|-------------------------|--|---|--|
| Device Information | time setting | | |
| Volume setting | System time zone | (UTC+08:00)Beijing Chongqing HongKong Urumchi 🔻 | |
| Brightness setting | summer time | | |
| Time correction | Automatic synchronization Disabled - control card's tim | | |
| Switch machine settings | ✓ Time correction | 2021-11-05 17:04:21 | |
| Relay setting | Calibration mode | Manual input 👻 | |
| Network settings | | 2021/11/05 17:03:42 👻 | |
| Device Lock Setting | | Edit time by manual | |
| ~ | | | |
| | | | |
| | | | |
| | | | |
| | | 0k Cancel | |



4. Screen Testing

The system support gray scale test, color lump test, mesh test, spot test etc, so users can check lamp working situation of the screen. Choose device ID, after see tip "connect successfully", start screen test. Press button "TEST" (SW1) on control card to start screen test is also OK.

| | Select the de | vice Box | Player | TD:D10-00-Babed | |
|------|---------------|------------|--------------|-----------------|---|
| | | | Success! | | |
| ray | Color Band | Grid | Multi Points | | |
| Auto | o Test | | 🔘 By Set | ting | |
|) | | <u>^</u> 0 | | <u>↑</u> 0 | - |
| } | | D | | - D | |
| | Red | _ | Green | Blue | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Fig. 7-7 Screen Testing

5. Firmware Update

Updating firmware, all firmware of the connected controller will be updated. Users should add new version firmware, compare its version number with the one with the connected controller, click button "Upgrade" if need to upgrade. Whole upgrading procedure will be finished by software in backstage. After successful upgrade, users will see new firmware version, means the controller can be used normally. (Tip: do not cut off power supply for controller during update).

| File | | choo | ose firmware v | ersion | |
|-----------------|---|---|---|---|--|
| | ayer/BoxPlayer | 7 6 0 0. bin | | | Select |
| | | L | | | |
| File Informati | on | | | | |
| e File Type: | FPGA | BoxPlayer | | | |
| | | . 0 | | | |
| e File Descript | ion: | | | | |
| | | | | | |
| | | | | | |
| Information Li | st | current f | irmware versi | on | |
| Device Name | Device ID | Version No | FPGAVersionNo | Update In | formation |
| BoxPlayer | A3-19-A62D1 | 7.5.22.0 | 7.7.70.0 | 100% S | earched |
| A6-19 | A6-19-A0B5E | 7.6.0.0 | 0.9.0.0 | 100% S | earched |
| BoxPlayer | A4-21-A0C09 | 7.6.0.0 | 0.7.70.0 | 100% S | earched |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| lect/InSelect | | | | Refrech List | Firmware Updati: |
| | gram Files/HDPl File Informati File Type: File Version File Descript Information Li Device Name BoxPlayer A6-19 | gram Files/HDPlayer/BoxPlayer File Information The File Type: FPGA File Version Number: 7.6.0 File Description: Information List Device Name Device ID BoxPlayer A3-19-A62D1 A6-19 A6-19-A0B5E BoxPlayer A4-21-A0C09 | gram Files/HDPlayer/BoxPlayer 7_6_0_0.bin File Information The File Type: FPGA BoxPlayer File Version Number: 7.6.0.0 File Description: Information List current f Device Name Device ID Version No BoxPlayer A3-19-A62D1 7.5.22.0 A6-19 A6-19-A0B5E 7.6.0.0 BoxPlayer A4-21-A0C09 7.6.0.0 | gram Files/HDPlayer/BoxPlayer 7_6_0_0. bin File Information The File Type: FPGA BoxPlayer File Version Number: 7.6.0.0 File Desoription: Information List current firmware version Device Name Device ID Version No FPGAVersionNo BoxPlayer A3-19-A62D1 7.5.22.0 7.7.70.0 A6-19 A6-19-A0B5E 7.60.0 0.9.0.0 BoxPlayer A4-21-A0C09 7.60.0 0.7.70.0 | gram Files/HDPlayer/BoxPlayer, 7_6_0_0.bin File Information * File Type: FPGA BoxPlayer * File Version Number: 7.6.0.0 * File Description: Information List current firmware version Device Name Device ID Version No FPGAVersionNo Update In BoxPlayer A3-19-A62D1 7.5.22.0 7.7.70.0 100% S A6-19 A6-19-A0B5E 7.6.0.0 0.9.0.0 100% S BoxPlayer A4-21-A0C09 7.6.0.0 0.7.70.0 100% S |

Fig. 7-8 Firmware Update

6.Switch machine settings

Setting the timer switch can make the control card black screen or play the program within the specified time, as shown in Figure 7-9. This setting only disconnects the transmission of the video signal, and the power supply in the screen is normally powered.

| Select device: | C10-17 | -B2664 BoxPlayer | | • • • | |
|------------------------|-------------|------------------------|----------|-------------------|---|
| evice Information | ∠ E: | nable the timer switch | | | |
| | | boot time | | Off time | |
| rightness setting | | 08:00:00 | A. V | 12:00:00 | ¢ |
| ime correction | | 12:30:00 | × | 15:00:00 | Å |
| witch machine settings | | 00:00:00 | • | 00:00:00 | - |
| elay setting | | 00:00:00 | A | 00:00:00 | - |
| letwork settings | | | | | |
| * | | | | | |
| | | | | X | |
| | | | | $\langle \rangle$ | |
| | | | | · \ | |
| | | | | | |

Fig.7-9 Switch machine settings

7.Update device name

In order to better distinguish the control card, you can modify the name of the control card in [Control] - [Device Rename]. The default name is BoxPlayer. As shown in Figure 7-10, select the corresponding control card ID, enter the name to be modified in the rename text input box, and then click "Update Device Information" to prompt the write success in the task status.

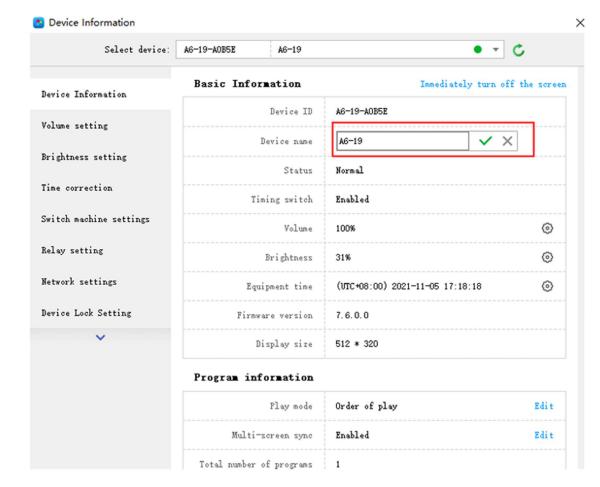


Fig.7-10 Update Device name

8.Direct search by manual

Manually direct search the card is only for the control card of the LAN cross-network segment management, click [Control] - [Other Settings] - [Direct serch], enter the IP address of the control card in the IP address of the dialog box, and then click "Add" Button, after the control card is found, the control card's IP address, port number 9527, device ID, and device name are displayed in the dialog box, as shown in Figure 7-11.

| | Search | | | | | > |
|---------------|-----------------|------|--------------|-------------|--------|---------|
| Select | IP | Port | Device ID | Device Name | | |
| 1 🖂 | 169.254.255.254 | 9527 | C10-17-B2664 | BoxPlayer | | |
| | | | | | | |
| | | | | | | |
| | | 1. c | ontrol d | card IP | addres | S |
| 2. | . add | 1. c | ontrol d | card IP | addres | S |
| 2. Specify | . add | 1. c | ontrol o | card IP | addres | S |
| | . add | | ontrol o | Port | addres | S \$ |

Fig.7-11 Direct search

9.Start-up screen

The start-up screen refers to the booth screen displayed on the LED screen each time the control card is activated. In [Control] - [Other Settings] - [Startup Screen], select the corresponding control card in the device (you can use the name or device name or distinguish) And then select the boot image to display when the boot screen is enabled. As shown in Figure 7-12

| 医 Device Information | | × |
|--|---|------|
| Select device: | C10-17-B2664 BoxFlayer • C | |
| Device Information Brightness setting | ✓ Enable the boot screen please choose F:/图片素材/图片/4a53812.jpg | |
| Time correction | | |
| Switch machine settings | | |
| Relay setting | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | |
| Network settings | | |
| Wi-Fi settings | | |
| startup screen | | |
| Trial authorization | | |
| | Car | ncel |

Fig.7-12 Start-up screen setting

10.Device Reboot

Click [Control] - [Other Settings] - [Device Reboot], in this dialog box, you can set the reboot time of the control card according to the specified time or week, as shown in Figure 7-13. The device reboot is mainly a function that is set to prevent the device from causing problems with the display screen or black screen after working for a long time.

| 🔁 Device Rebo | pot | | × |
|---------------------------|---|---|---|
| Device | | | |
| Device ID | C10-17-B2664 | | |
| Device Name | BoxPlayer 💌 | Refresh | |
| Time Ploy | | | |
| 🗹 Device R | eboot | | |
| urret Time | Zone (UTC+08:00)Beiji | ng, Chongqing, HongKong, Urumchi 💌 | |
| Reboot ' | Time 00:00:00 | Day Ploy V | |
| 2. Please o 3. default | choose the control card i timing strategy is to rest | m defaults to the time zone. restart the current time, the time in 24-hour format. art the control card by day,that every day reboot reboot time control | |
| 5. You set | n choose the timing strat the time zone, time, and | egy, making a good ideal to restart strategy. after the restart timing policy,please click on the "OK" button to send card, control card with immediate effect. | |
| | | | |
| Callback Succ | ess! | OK Cance | 1 |

Fig.7-13 Device Reboot setting

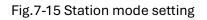
11.Wi-Fi settings

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

| 😢 Device Information | | × |
|-------------------------|------------------------|-------------------|
| Select device: | C10-17-B2664 BoxPlayer | ۍ 🔹 |
| Device Information | Vifi settings | |
| Brightness setting | mode | AP 👻 |
| Time correction | SSID | C10-17-B2664 |
| Switch machine settings | Password | 88888888 |
| Relay setting | IP address | 192 . 168 . 6 . 1 |
| Network settings | channel | 6 |
| Wi-Fi settings | Encryption | ¥PA-PSK |
| - startup screen | | |
| Trial authorization | | |
| | | |
| | | 0k Cancel |
| | | |

Fig.7-14 AP mode setting

| Device Information | | | | × |
|-------------------------|---------------------|-------------|------------------------------------|-----------|
| Select device: | C10-17-B2664 | BoxPlayer | | • • ¢ |
| Device Information | ∛ ifi settin | gs | | |
| | | mode | Station | ~ |
| Brightness setting | wirele | ess setting | Kui du | |
| Time correction | | | | ····· |
| Switch machine settings | | | HuiduClient Val HuiduCompany | |
| _ | | | | |
| Relay setting | | | | |
| Network settings | | SSID | Kui du | 2 |
| Wi-Fi settings | | Password | l | |
| startup screen | | | connection | |
| Trial authorization | | | | |
| | | | | |
| | | | | 0k Cancel |
| | | | | UK Cancel |



12.Trial authorization

The trial authorization can set the control card to play the program normally within the specified trial time range, and the authorized trial period is 365 days. After setting the authorization, you need to keep in mind that if you forget the authorization code, the control card needs to be returned to the factory. The trial license is shown in Figure 7-16.

| 🔁 Device Information | | × |
|-------------------------|---------------------------|---|
| Select device: | C10-17-B2664 BoxPlayer | • • ¢ |
| Device Information | 🔒 Trial authorization | 1 |
| Brightness setting | Probation | 15day 🗘 🚺 * 2018/10/25 10:41:45 expires. |
| Time correction | Authorization code | . |
| Switch machine settings | onfirm authorization code | |
| Relay setting | | |
| Network settings | | |
| Wi-Fi settings | | <u>`</u> |
| startup screen | | |
| Trial authorization | | |
| | | |
| | | Set Cancel |

Fig.7-16 Trial authorization

Device information

In the device information dialog box, you can view some of the parameter status of the control card, such as display size, firmware version, device time, brightness, and so on. At the same time, in the device information, you can quickly enter the interface of some function settings, such as timer switch, boot screen, device time and so on.

In addition, the switch screen, program play mode, button definition, multi-screen sync, etc. need to be set in the device information dialog box.

13.Relay setting

Click [Control]->[Device Information]->[Relay Settings] to enter the relay setting interface, support 6-channel power circuit control, customize the name of the relay and the switching time of the power supply. As shown in Figure 7-17 Note: This function requires the control card to work all the time and is used in conjunction with the relay controller.

| Device Information | | | | | × |
|-------------------------|----------|--------|------------|-------------------|--------|
| Select device: | C10-17-1 | 2664 | BoxPlayer | • ` | - C |
| Device Information | | Relay | name | Switch setting | |
| Brightness setting | К1 | Screen | power 🚫 | 08:00:45~11:30:45 | ۲ |
| Time correction | K2 | Audi o | amplifi, 🔿 | 13:30:20~14:00:20 | ۲ |
| Switch machine settings | К3 | | Q | | ۲ |
| Relay setting | K4 | | 0 | | ۲ |
| Network settings | K5 | | 0 | | ۲ |
| ~ | Kô | | 0 | | ۲ |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | OK | Cancel |
| | | | | AU | Cancel |

Fig.7-17 Relay setting window

Check "Use timer switch setting" to control the branch power according to the time of the timer. This setting can be controlled remotely via the internet. As shown in Figure 7-18

| 医 K2-Audio amplifier and lo | udspeaker box | × |
|-----------------------------|---------------------|------|
| Connect time | Disconnect time | Đ |
| 13:30 | 14:00 | Ū |
| | | |
| | | |
| | | |
| | | |
| Relay name: Audio amplifier | and loudspeaker box | |
| Use Timing switch setting | g | |
| | OK Ca | ncel |

Fig.7-18 Relay setting

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 to obtain automatically. For some special network environments, you may need 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. As shown in Figure 7-19:

| Select device: | C10-17-B2664 | BoxPlayer | • • | C |
|------------------------|--------------|-------------|---------------------|---|
| evice Information | Network set | ttings | | |
| rightness setting | Automatic | acquisition | 🗌 Enabled | |
| ime correction | | MAC | 18:17:d2:b2:66:40 | |
| | | IP address | 192 . 168 . 1 . 254 | |
| witch machine settings | | Subnet mask | 255 . 255 . 255 . 0 | |
| elay setting | Defe | ult gateway | 192 . 168 . 1 . 1 | |
| etwork settings | | DHS | 192 . 168 . 1 . 1 🕕 | |
| i-Fi settings | | | | |
| tartup screen | | | | |
| rial authorization | | | | |
| rial authorization | | | | |
| | | | Ok | |

Fig.7-19 network settings

15.Cloud server setting

check [Click Setting]-[Cloud Server], Used to bind the device to the cloud server, enter the cloud server address, user name and click OK.

| Device ID Device name Server/Fort Username A3-19-A62D1 BoxFlayer https://www.led-cloud.com wujie X A6-19-A0B5E A6-19 192.168.1.33:9019 tong X A4-21-A0009 BoxFlayer 192.168.1.33:9019 tong X | Clou | ud Server | | | | | | |
|--|------|-------------|-------------|---------------------------|----------|----------|---|--|
| □ A6-19-A0B5E A6-19 192.168.1.33:9019 × tong × | | Device ID | Device name | Server/Port | | Username | | |
| | | A3-19-A62D1 | BoxPlayer | https://www.led-cloud.com | \times | wujie | × | |
| □ M4-21-A0009 BoxPlayer 192.168.1.33:9019 X tong X | | A6-19-A085E | A6-19 | 192.168.1.33:9019 | × | tong | × | |
| | | A4-21-A0C09 | BoxPlayer | 192. 168. 1. 33:9019 | × | tong | × | |
| | | | | | | | | |

Fig.7-20 Cloud Server

16.Sync setting

| SyncMode: | NTP | • | Fill default address | | | | |
|-----------|-------------|---|----------------------|----------------------|-----------------|-----|---|
| | Device ID | | Device name | Status | Server addr | | |
| | A4-21-A0C09 | 0 | BozPlayer | MTP: ntp. hui du. en | ntp. hui du. en | ALL | 0 |
| | A3-19-A62D1 | 0 | BoxFlayer | NTF: ntp. hui du. en | ntp. hui du. en | ALL | ø |
| | A6-19-A085E | 0 | A6-19 | NTP: ntp. huidu. en | ntp. huidu. en | ALL | 0 |
| | | | | | | | |
| | | | | | | | |

Click [Setting]-[Sync setting].You can set multiple devices to play simultaneously.

Fig.7-21 Sync setting

Multi-screen synchronization application scenarios are mainly in light pole screens, toll stations, airports, highspeed 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, and two or more The program and program content must be the same, and the program special effects need to be fixed.

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