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HUIDU HD Player Software Operating Manual- Ver.1.2 outdated.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".

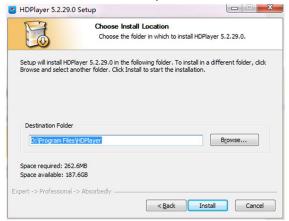


Fig. 1-4 Installation Path

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.

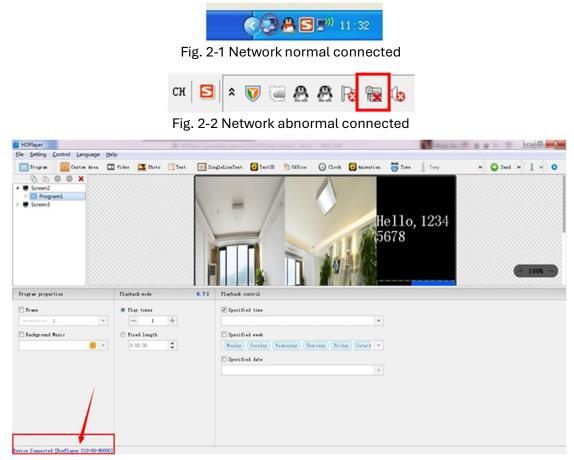


Fig. 2-3 Device Found

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.

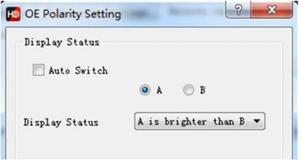


Fig. 3-12 OE polarity setting

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 .

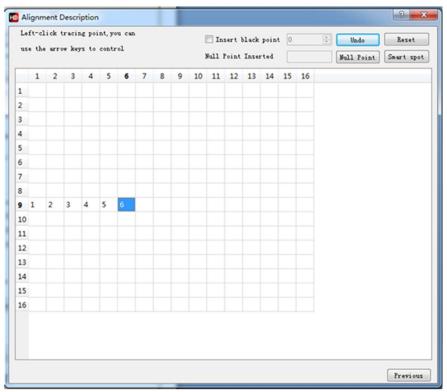


Fig. 3-16 alignment description

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.

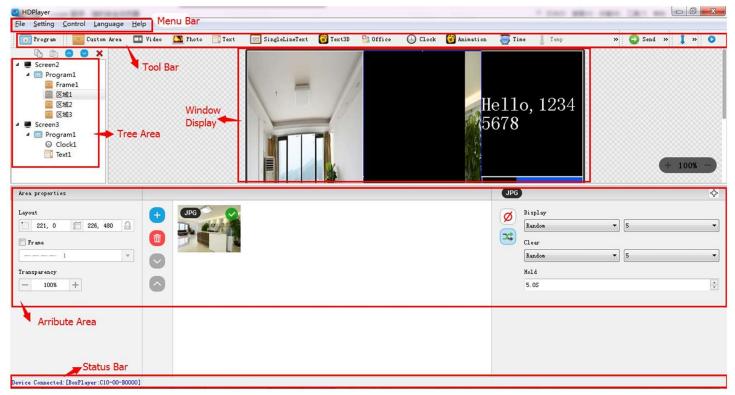


Fig.4-1 Software Interface

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

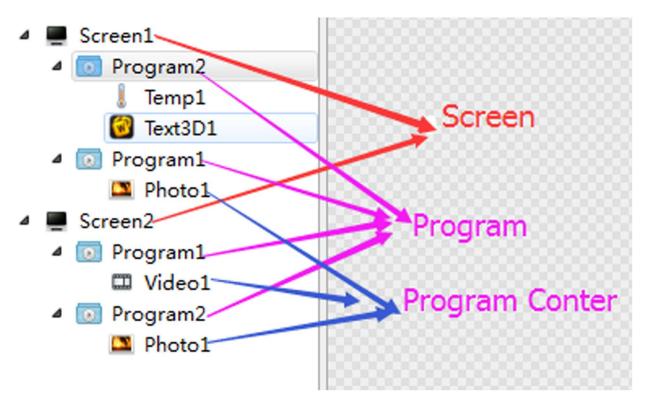


Fig.4-2 Program Structure

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.

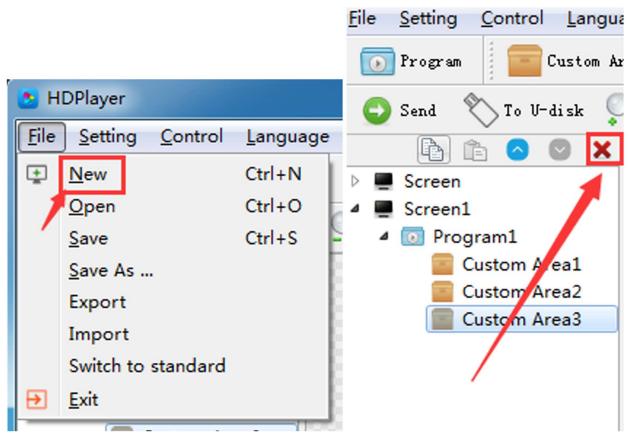


Fig.4-3 Add or delete display

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".

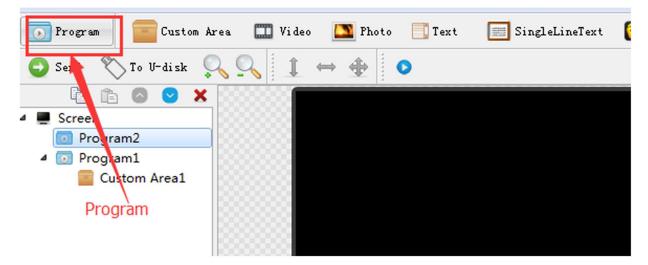


Fig. 4-6 adding new programs

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.

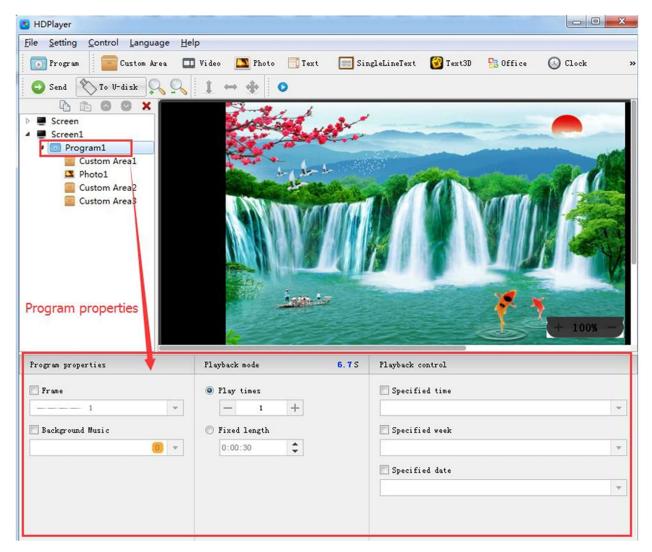


Fig. 4-7Program attributes

"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

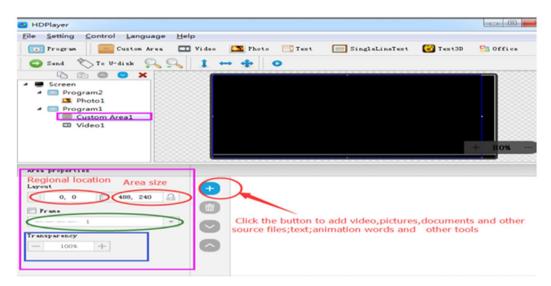


Fig. 4-9 Area attributes

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.

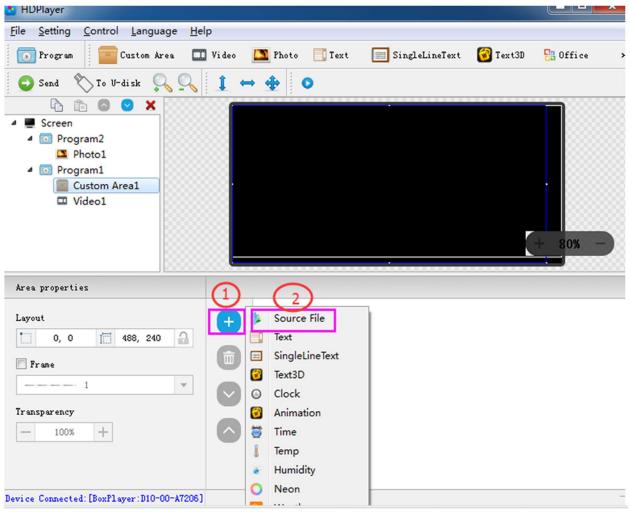


Fig. 4-10 Add source files

1) video attributes

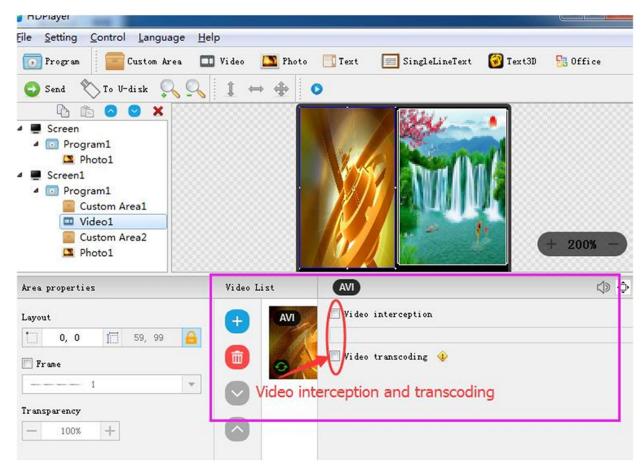
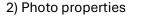


Fig. 4-11 video attributes

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.



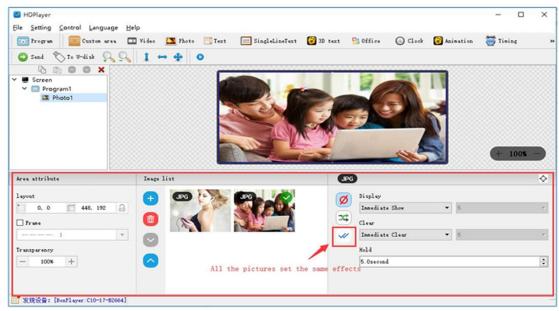


Fig. 4-12 Photo properties

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

3) Gif animation properties

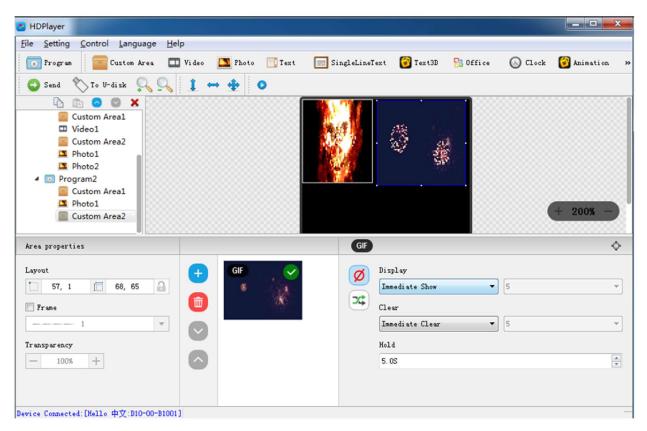


Fig. 4-13 Gif animation properties

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

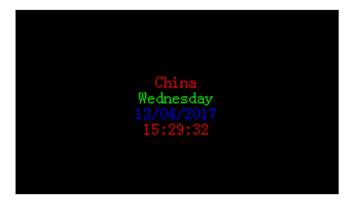


Fig. 4-18 DIGITAL CLOCK DISPLAY

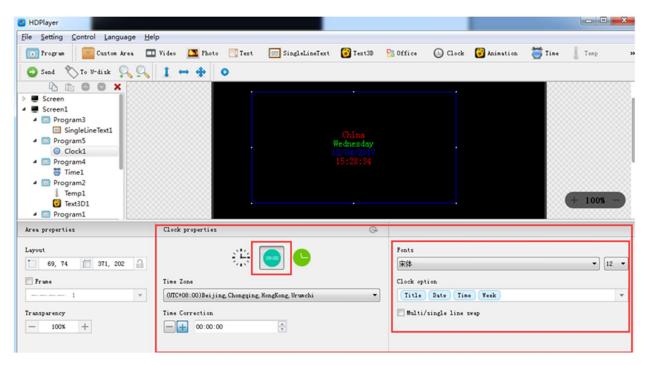


Fig. 4-19 DIGITAL CLOCK ATTRIBUTES



Fig. 4-20 PICTURE CLOCK DISPLAY

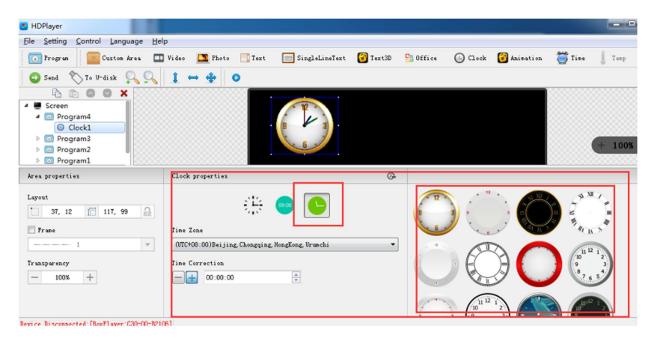


Fig. 4-21 PICTURE CLOCK ATTRIBUTES

7) Add Timing

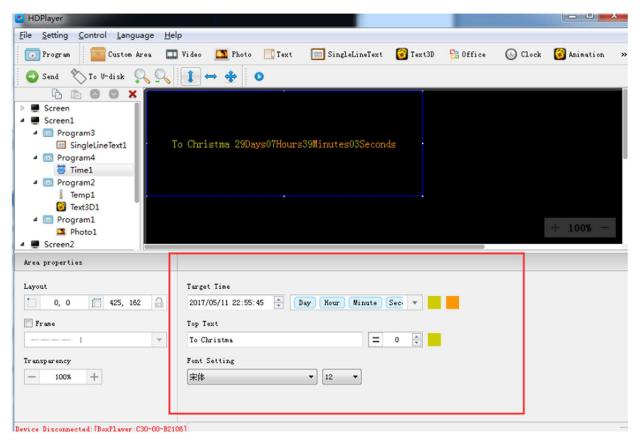


Fig.4-22 Time attributes

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

8) Sensor

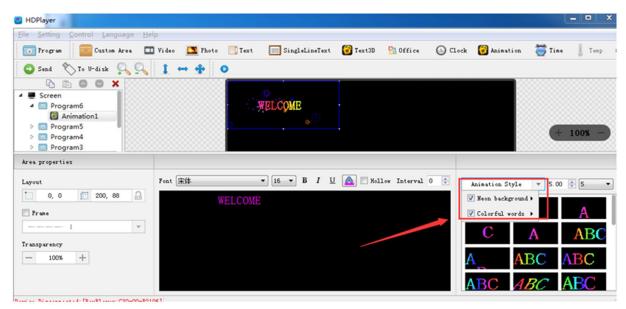
We can set the font size, color, temperature unit, etc.

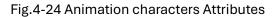
In the sensor type, you can choose temperature, humidity, brightness, PM2.5, PM10, wind direction, wind speed and noise. Note: To use this function, sensor accessories must be added

	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								
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> Transparency Sensor Type > Sensor Type Image: Sensor Type > Sensor Type Image: Sensor Type > Transparency Sensor Type	> 🔲 显示屏95								
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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					•				
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Transparency Sensor Attribute					T				
						-			
- 100% + T	and the second se								
	- 100% +	De	grees celsius	Single li	ine display - T				
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.

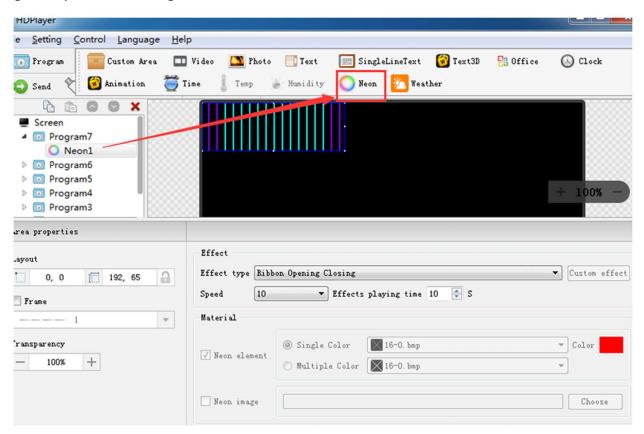
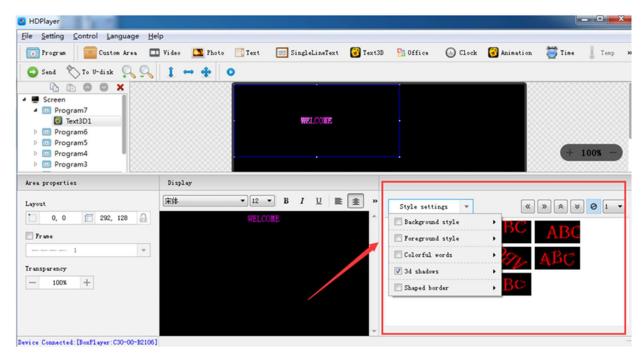


Fig. 4-25 Neon Attribute

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.

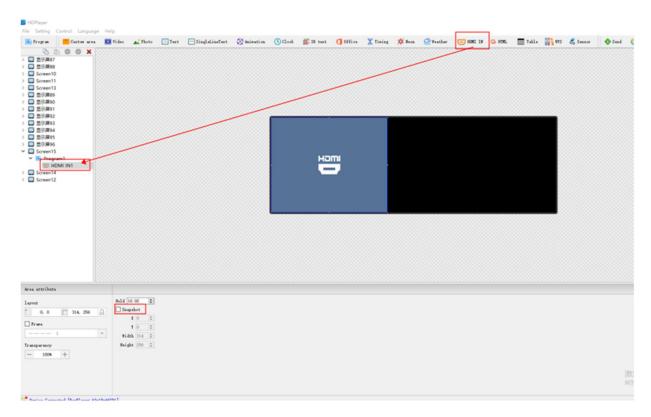


Fig. 4-28 HDMI IN Attribute

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.

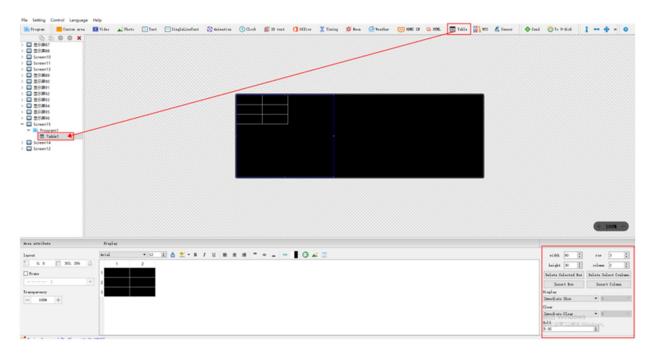


Fig. 4-30 table Attribute

16) WPS

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

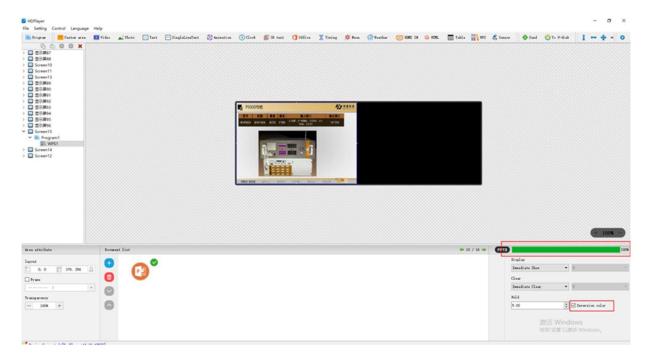


Fig. 4-31 WPS Attribute

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.

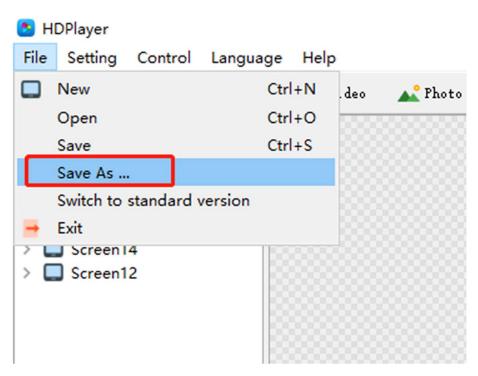


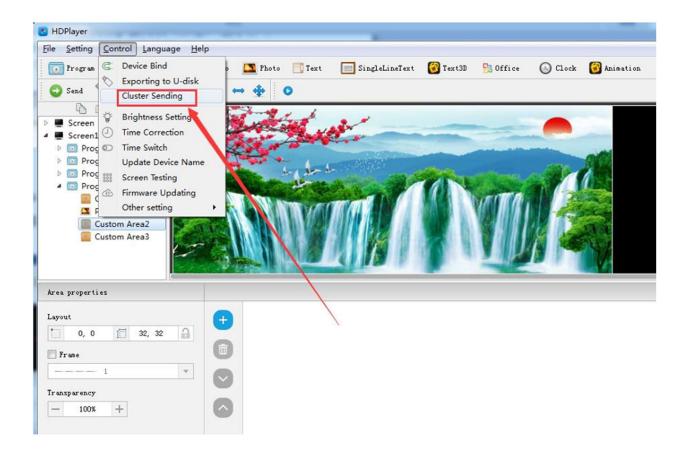
Fig. 4-33 Save the screen file as..

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				
				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.

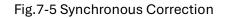
3. Time Correction

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.

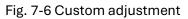
Device Information		
Select device:	A6-19-A0B5E A6-19	• • ¢
Device Information	time setting	
Volume setting	System time zone	(UTC+08:00)Beijing, Chongqing, HongKong, Urumchi 🔻
Brightness setting	summer time	
Time correction	Automatic synchronization	Disabled • control card's time
Switch machine settings	✓ 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.

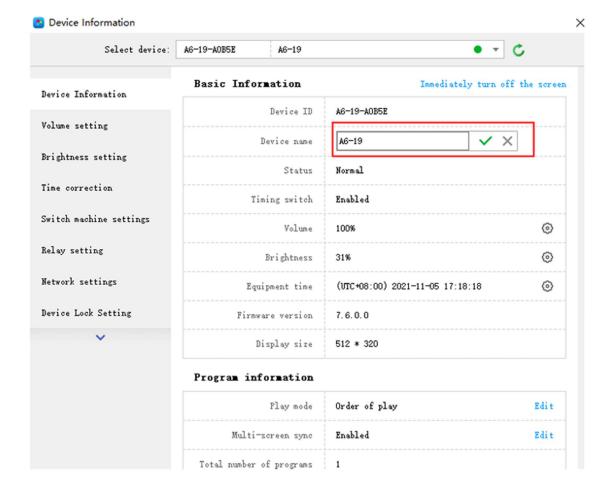


Fig.7-10 Update Device name

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

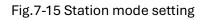
11.Wi-Fi settings

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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