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Chapter 1- Install and Uninstall

1. Software Install

1) Open the CD, double click the icon HDPlayer.X.X.X.X.exe(Like: HDPlayer 3.2.97.0.exe). Select the installer Language, click "ok".

| staller L | anguage | × |
|-----------|-------------------------------|------------------|
| | Please select the language of | of the installer |
| | English | * |
| | ОК | Cancel |

Fig. 1-1 Installer Language

2) Installation Interface, Click "next".



Fig. 1-2 Installation Guide

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

| B HDPlayer 5.2.29.0 Setup | | |
|--|--|--|
| | Choose Components Choose which features of HDPlayer 5.2.29.0 you want to install. | |
| Check the components you war install. Click Next to continue. | nt to install and uncheck the components you don't want to | |
| 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 -> Absorbe | dly | |
| | < Back Next > Cancel | |

Fig.1-3 Installation type

4) Choose Installation Path, Click "Install".

| b HDPlayer 5.2.29.0 | Setup | | |
|---|---------------------------------------|------------------------------------|-----------------|
| | Choose Install L Choose the folder | ocation in which to install HDP | layer 5.2.29.0. |
| Setup will install HDPlayer 5.2.29.0 in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation. | | | |
| Destination Folder | HDPlayer | | Browse |
| Space required: 262.6 Space available: 187. | | | |
| Expert -> Professional -> | > Absorbedly | < <u>B</u> ack In: | stall Cancel |

Fig. 1-4 Installation Path

5) Click "Finish".

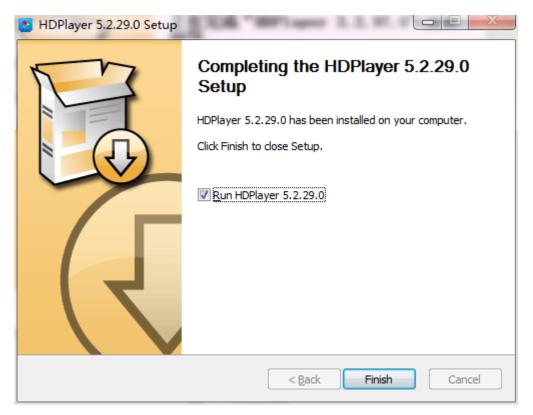


Fig. 1-5 Finish Installation

2. Software Uninstall

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

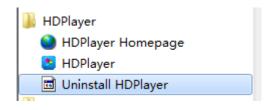


图 1-6 Software Uninstall

Chapter 2- Network setting

The controller can connect to the computer directly. It can also connect to the computer via the Router. No need to do network setting.

When connected with computer, the network port (The Green light always flicker, the orange light bright), then wait for few seconds (Windows XP need more than 50Seconds, Window7 only need 40Seconds).When the right corner of computer show Network normal (see below), it means it have been connected of network, -----then open the software HDPlayer, it will find the controller ID automatically.



Fig. 2-1 Network normal connected



Fig. 2-2 Network abnormal connected

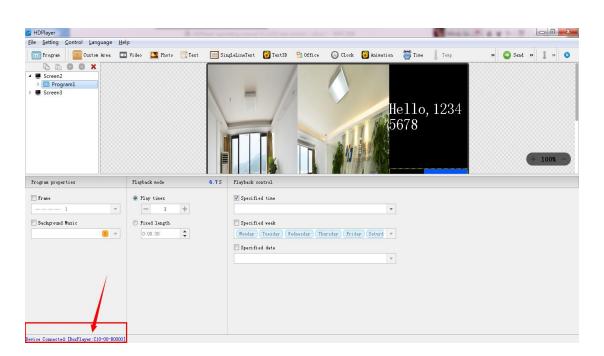


Fig. 2-3 Device Found

If the cards connect to the computer via the Router, then the computer can control all the cards at the same time.

Chapter 3 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.

| HDPlayer lie Setting Control Language Help Menu Bar n Program : Custon Area I Video I Photo Text I SingleLineText 🕜 Text30 💁 Office 🕟 Clock 🙋 | Azination 🏹 Tine Toop » 💽 Send » 🚺 * 🕻 |
|---|---|
| Screen3 Screen3 Corporan1 Cor | Hello, 1234 5678 + 1008 - |
| Area properties | (JPG) |
| Layout 221, 0 226, 480 France Transparency 1006 + Comparency Comparenc | Ø Bisplay Randon • Clear Enclon Randon • Randon • Kold 5.06 |
| Arribute Area | |

Fig.3-1 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

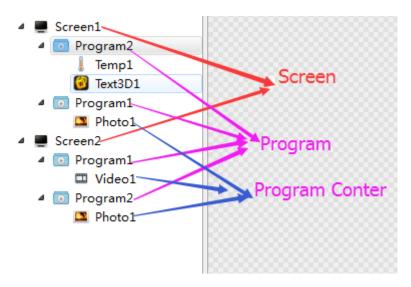
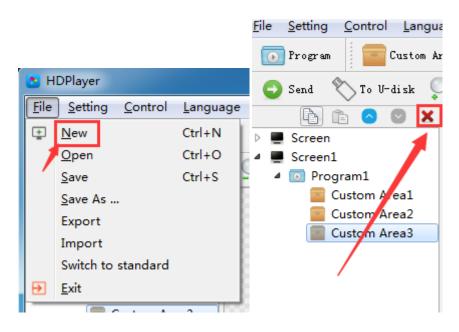


Fig.3-2 Program Structure

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.



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 Parame | ters Setting | | × |
|-------------------------------------|--|------------|---|
| Device Type | C10 - | Card Model | |
| Width | 256 | Height 480 | - |
| Audio output: Ty Program update: | 1024; 512; 7: 4GB; -65536 Support level; wo-channel stereo; Ethernet port, U disk; nt: Support 3/4G, Internet, | Resolution | |
| | | Cancel | |

Fig. 3-3 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 🔝 Phot | .o 📃 Text 🧮 SingleLineText 🞯 Text3D 🛛 » |
| Send [™] To V-disk _♀ ♀ 1 ↔ ⊕ | • |
| Custom Areal | |
| Screen Information | Synchronous playback |
| Path: D:/HDPlayer/work/Screen.boo | Enable |
| Device Type: C30 | Display Immediate Show 🔻 Set same display effect |
| Screen Size: 512 * 240 | Clear Immediate Clear 🔻 Set same clear effect |
| BoxPlayer C30-00-B4809 | |

Fig. 3-4 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".

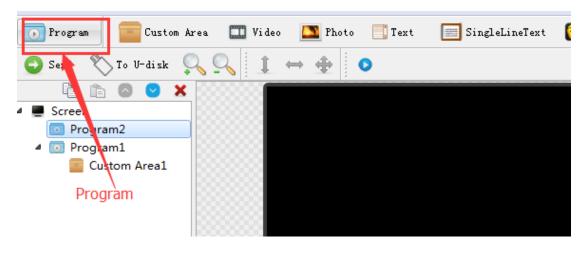


Fig. 3-5 adding new programs

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.

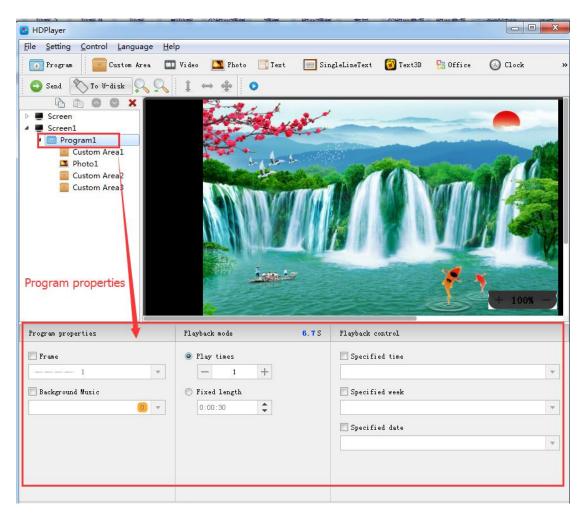


Fig. 3-6 Program attributes

"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.

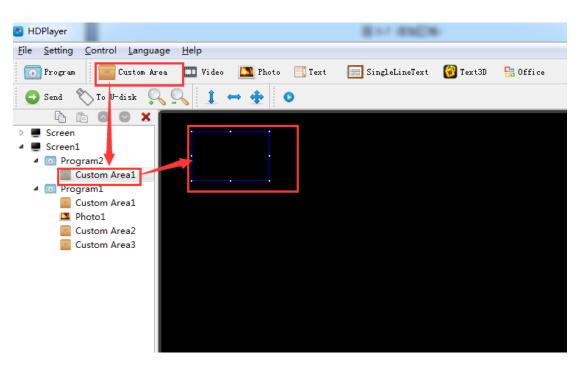


Fig. 3-7 Add Custom Area

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

1) Area attribute

| HDPlayer | | | |
|---|----------------------|--|----------|
| <u>File Setting Control Language H</u> elp | | | |
| 💽 Program 🔚 Custom Area 🛄 N | 'ideo 🛄 Photo 📑 Text | 🧮 SingleLineText 🛛 🔞 Text3D | 🔡 Office |
| 😋 Send To V-disk 🔍 🔍 | 1 ⇔ ⊕ ⊙ | | |
| Custom Area1 Video1 | | | + 80% - |
| Area properties Regional location Area size Layout 0, 0 488, 240 Frame 1 Transparency 100% + | | o add video,pictures,documen imation words and other to | |

Fig. 3-8 Area attributes

Change the location and size of the area:

- Set the X / Y coordinate, the width and height
- Drag the area or stretch in the playback window
- Choose this $1 \leftrightarrow \bigoplus$ 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.

| HDPlayer | | | | |
|--|------------------------------|------------------|----------|------------|
| <u>File Setting Control Language H</u> elp | | | | |
| 💽 Program 💼 Custom Area 🛄 Video | 🎦 Photo 📑 Text | 🧮 SingleLineText | 🞯 Text3D | 🔠 Office 💦 |
| 🕒 Send \infty To V-disk 🔍 🔍 🏦 🔹 | ⇒ ⊕ ⊙ | | | |
| 🚹 🗈 🛇 🗙 | | | | |
| 4 💻 Screen | | | | |
| Program2 | | | | |
| Photo1 | | | | |
| Program1 Custom Area1 | | | | |
| | | | | |
| | | | | |
| | | | | + 80% - |
| | | | | |
| Area properties | $\overline{\mathcal{O}}$ | | | |
| Layout | Source File | | | |
| 0, 0 📅 488, 240 🔒 |] Text | | | |
| | SingleLineText | | | |
| rane | 🔞 Text3D | | | |
| | Clock | | | |
| Transparency | Animation | | | |
| - 100% + | 📛 Time | | | |
| | I Temp | | | |
| | Humidity | | | |
| | O Neon | | | |
| Device Connected: [BoxPlayer:D10-00-A7206] | 🕅 Weather | | | |

Fig. 3-9 Add source files

1) video attributes

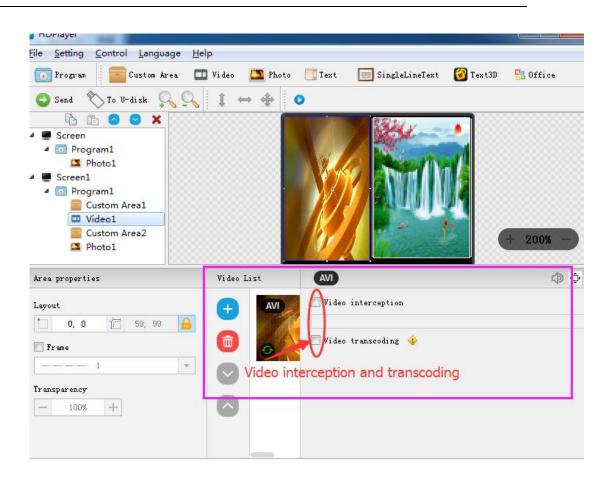


Fig. 3-10 video attributes

2) Photo properties

| HDPlayer | | | |
|---|------------------|--|--------------------|
| <u>File Setting Control Language</u> | Help | | |
| 💽 Program 🛛 💼 Custom Area | 🎞 Video Photo | 👖 Text 🛛 📰 SingleLineText 🔞 Text3D | 🚼 Office 🚯 Clock » |
| | <u>, 1 ↔ ⊕</u> 0 | | |
| Screen Program1 Photo1 Screen1 Program1 Custom Area1 Video1 Custom Area2 Photo1 | | | + 200% - |
| Area properties | Image List | PNG | ¢ |
| Layout 61, 1 (66, 96) Frame | | Display Random Clear Random Hold 5.05 | |

Fig. 3-11 Photo properties

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

3) Gif animation properties

| | | | x |
|--|----------------------|---|--------|
| B HDPlayer | | | |
| <u>File Setting Control Language H</u> e | | | |
| | Video 🌇 Photo 📑 Text | 📃 SingleLineText 🔞 Text3D 👫 Office 🕓 Clock 🔞 Anima | tion » |
| 🕒 Send To V-disk 🔍 🔍 | 1 ⇔ ⊕ ⊙ | | |
| Custom Area1 Custom Area2 Custom Area2 Photo1 Photo2 Program2 Custom Area1 Photo1 Custom Area1 Photo1 Custom Area2 | | + 2004 | |
| Area properties | | GIF | ¢, |
| Layout 57, 1 68, 65 Frame Transparency 100% + | | Display Immediate Show Clear Immediate Clear Kold 5.0S | 4 |
| Device Connected: [Hello 中文:D10-00-B1001 |] | | _ |

Fig. 3-12 Gif animation properties

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

4) Excel, Word, PPT properties

| HDPlayer | |
|--|--|
| <u>File Setting Control Language</u> | Help |
| 💽 Program 📄 🔤 Custom Area | 🎞 Video 🔝 Photo 📑 Text 📻 SingleLineText 🞯 Text3D 👫 Office 🛛 » |
| Send 📎 To V-disk 🔍 🤇 | |
| A E Screen | Interfaces |
| ▲ 💿 Program2 | |
| Custom Area1 | AUDIO Digital Audio through PCM Interface (Optional) |
| 🔡 Office1 | USB 2.0 High Speed |
| 4 💿 Program1 | UART 1×Seven-Line UART Interface |
| Custom Area1 | USIM 1.8V/3V |
| TVideo1 | LED_WWAN# Network Status |
| Custom Area2 | W_DISABLE# Close RF Channel + 100% - |
| | PERST# Reset Pin |
| Area properties | |
| Layout | File Attribute |
| 0,0 📅 506, 197 🔒 | File Path crosoft Office Word 文档 (2). docx Edit Check Office |
| Frame | Alignment Align Horizontal Center 🔻 🔻 Align Vertical Center 💌 |
| 1 | |
| Transparency | Effects |
| - 85% + | Display Random 🔻 5 🔹 No Effect |
| 03/0 1 | Clear Random V 5 V Random |
| | Hold 50 🚔 0.1S |
| - | V010 20 A 0.12 |
| | 1 |
| Device Connected: [BoxPlayer:C30-00-B2 | 06] |

Fig. 3-13 File properties

When you add a document, you need to install a software in Office 2007, Office2010, WPS (software version 5.1.15.0 or later version can support WPS), support Word, Excel, PPT and other formats, you can set the document display effects (40 kinds of display and clear Screen effects), display speed, display and the text color reversal, Excel documents can be set to align (6 in the alignment).

7. Add multiple lines Text

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

| B HDPlayer | | | | |
|---|---------------------------------------|--|---|----------|
| <u>File Setting Control Language He</u> | elp | | | |
| 💽 Program 🧧 Custom Area 🔳 | 📱 Video 🛛 🛄 Photo 📑 Text | 🧾 SingleLineText 🛛 🔞 Text3 | 3D 🚼 Office 🕢 Cloc | k |
| 🕒 Send To V-disk 🔍 🔍 | 1 ↔ 🕈 💿 | | | |
| Screen Screen Screen1 Program3 SingleLineText1 Program6 Text1 Program6 Clock1 Program4 | | COME COME | | + 100% - |
| Area properties | Display 🔶 1 / 1 | • | | |
| Layout 7, 65 (1481, 179) Frame 1 Transparency 1 100% + | (末体 ▼)[14 WELCOME WELCOME | Display Random Clear Random Hold 5.05 | ▼ 5 5 4 | • |

Fig. 3-14 Add Text

1) Text attributes

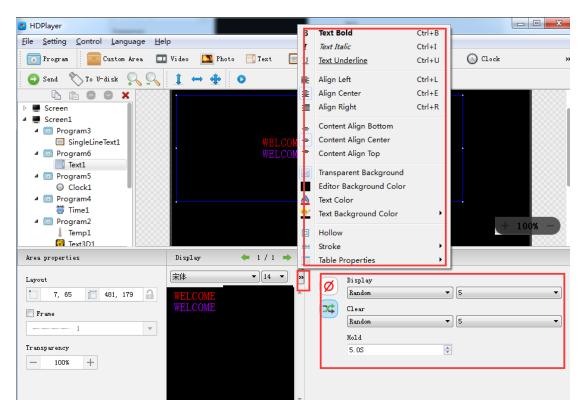


Fig. 3-15 Text attributes

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;

8. Add Single Line Text

Click the "single line text" icon on the toolbar to add a single line of text, click the "Delete" button to delete "single line text".

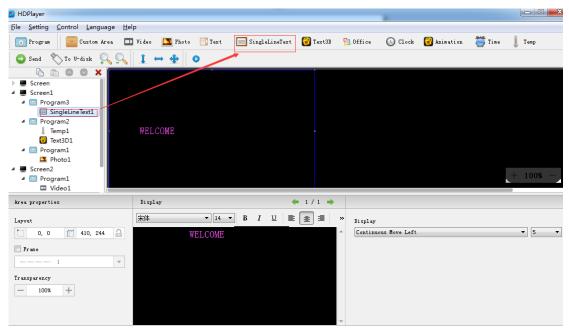


Fig. 3-16 Add Single Line Text

1) Add Single Line Text attributes

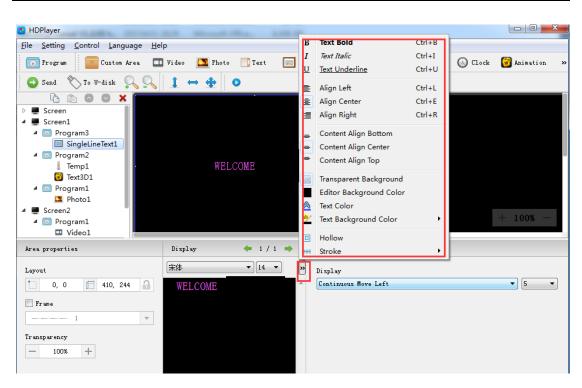


Fig. 3-17 Single Line Text attributes

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.,

9. Add Clock

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

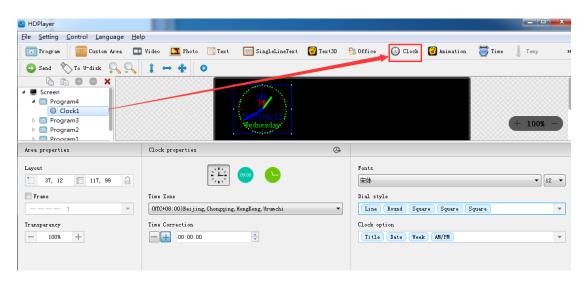


Fig. 3-18 Add Clock

1) Clock attribute

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.

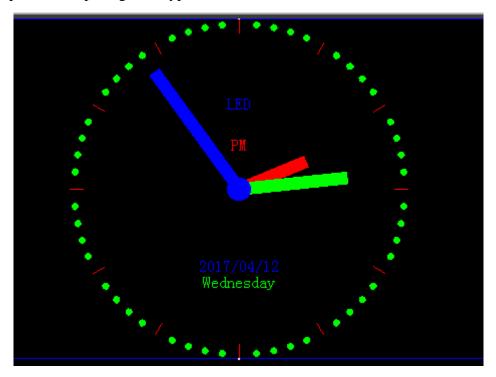


Fig. 3-19 Analog clock display

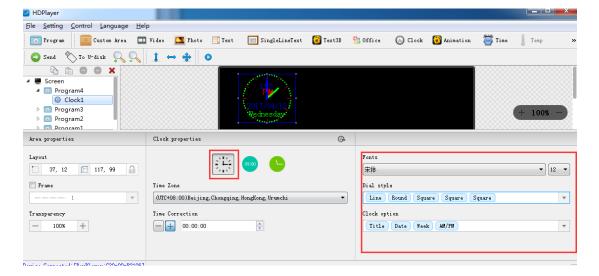


Fig. 3-20 Analog clock attribute

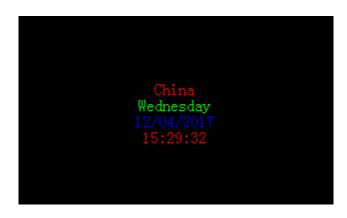


Fig. 3-21 DIGITAL CLOCK DISPLAY

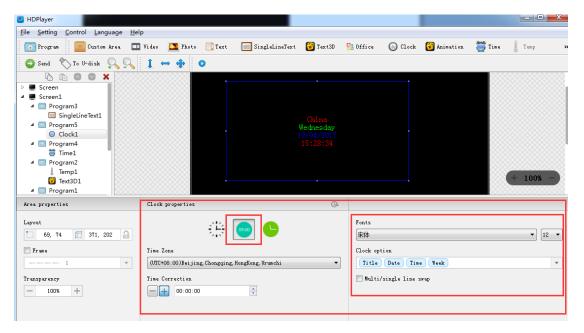


Fig. 3-22 DIGITAL CLOCK ATTRIBUTES



Fig. 3-23 PICTURE CLOCK DISPLAY

| HDPlayer | | | | | | |
|--|---|------------------|------------|--|------------------|---------------------|
| <u>File Setting Control Language H</u> elp |) | | | | | |
| 💽 Program 🛛 💼 Custom Area 🛛 🛄 | Video 🚺 Photo 📑 Text | 📰 SingleLineText | 🞯 Text3D 🛛 | 🖁 Office 🛛 🙆 |) Clock 🔞 Anima | ation 🦉 Time 🌡 Temp |
| 🕒 Send 👋 To V-disk 🔍 🔍 | 1 ↔ ⊕ ⊙ | | | | | |
| | | B | | | | + 100% |
| | | | | | | |
| Área properties | Clock properties | | œ | | | |
| Area properties Layout 37, 12 [] 117, 99 | Clock properties | ••• | G | 5 T2 | | |
| Layout | | | ¢۴. ب | | | |
| Layout 37, 12 [117, 99] Frane 1 | Time Zone (UTC+08:00)Beijing, Chongqing, | | | | | |

Fig. 3-24 PICTURE CLOCK ATTRIBUTES

10. Add Time

Click "Time" icon to add timer, click the "Delete" button to delete "time".

| HDPlayer | | | | | |
|---|-------------------------------|----------|----------|---------|-------------|
| <u> Eile S</u> etting <u>C</u> ontrol <u>L</u> anguage <u>H</u> elp | | | | | |
| 💽 Program 🛛 🔚 Custom Area 🛄 Video 🛄 P | hoto 📃 Text 📃 SingleLineText | 🞯 Text3D | 🔡 Office | 🕓 Clock | 🞯 Animation |
| 🕤 Send 🖉 Time 🌡 Temp 🍯 Humidity | 🚫 Neon 🛛 🔀 Weather | | | | |
| 🗈 🗈 🔗 😕 🗙 | | | | | |
| Screen | | | | | |
| Screen1 | | | | | |
| | 29Days07Hours40Minutes15Secon | ds · | | | |
| ▲ 💿 Program | | | | | |
| 😇 Time | | | | | |
| ▲ 💿 Program2 | | | | | |
| Temp1 | | | | | |
| 🔞 Text3D1 | | | | | |
| 4 💿 Program1 | | | | | 1.00% |
| Photo1 | | | | | + 100% - |
| 🖉 💻 Screen2 | | | | | |

Fig. 3-25 Add Time

1) Time attribute

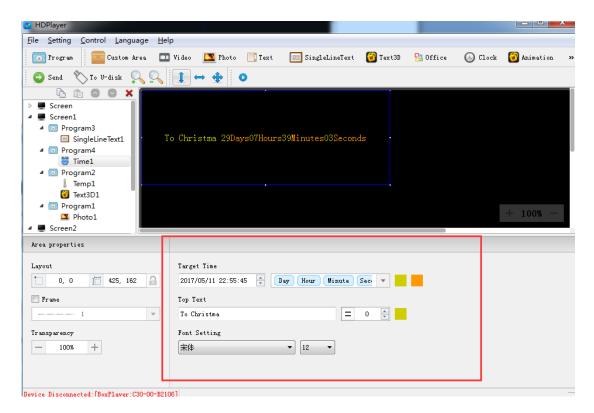


Fig.3-26 Time attributes

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

11. Add Temperature

Click Temperature icon to add this mode, click the "Delete" button to delete "tem".

| B HDPlayer | |
|--|---|
| <u>File Setting Control Language</u> | Help |
| 💽 Program 🛛 🧰 Custom Area 🛛 | 🎞 Video 🔝 Photo 🗐 Text 🚍 SingleLineText 🔞 Text3D 🚼 Office 🕓 Clock 🐻 Animation 🍏 Time 🚦 Temp |
| 😋 Send 👏 To V-disk 🔍 🔍 | |
| | Current temperature 25°C |
| Clock1 Cock1 Custom Area1 Dete1 | + 1008 - |
| Area properties | |
| Layout 41, 16 255, 147 Frane Transparency - 100% + | Parameter settings Top Text Current temperature Temp Unit @ '(', '''''''''''''''''''''''''''''''' |
| Device Connected: [BoxPlayer:D10-00-A012 | 3] |

Fig. 3-27 Add Temperature

Notice: temperature sensor need to be welded on control card to ensure a correct temperature value show on the led screen.

| File Setting Control Language Help Program Stand To U-disk Streen Screen Screen Screen Custom Areal Current temperature 2500 Program3 Colocki Program3 Colocki Program3 Custom Areal Program4 Program5 Custom Areal Program4 Program4 Program5 Custom Areal Program4 Program5 Custom Areal Program4 Program5 Custom Areal Program4 Program5 Custom Areal Program6 Program7 Program8 Program8 Program9 | HDPlayer | | |
|--|--|---|-------------------------|
| Send N To U-disk Image: Custom Areal Image: Custom Areal Image: Cu | | lp | |
| Screen Screen1 Custom Area1 Program3 Clock1 Custom Area1 Program3 Clock1 Custom Area1 Program3 Custom Area1 Program4 Program5 Custom Area1 Program4 Program4 Custom Area1 Program4 Custom Area1 Program4 Program4 Custom Area1 Program5 Top Text Current temperature Temp Unit © [1] Program5 Adjust © [2] Program6 Program7 Program7 Program7 Program8 Program7 Program8 Program7 Program8 Program8 Program9 Program9 Program9 Program9 Program9 Program9 Program9 Program9 | 🕟 Program 🧮 Custom Area 🛄 |) Video 🛄 Photo 📑 Text 📰 SingleLineText 👸 Text3D 👫 Office 🕟 Clock 🔞 Ani | imation 👸 Time 🚦 Temp 🤉 |
| Screen Screen Current temperature 25°C Current temperature 25°C Image: Custom Areal Temp1 Custom Areal Current temperature 25°C Image: Custom Areal Current temperature 25°C Image: Custom Areal Program3 Colocki Image: Custom Areal Program3 Current temperature 25°C Image: Custom Areal Image: Custom Areal < | 🕒 Send 🏷 To V-disk 🔍 🔍 | $1 \leftrightarrow \oplus$ O | |
| Layout 41, 16 255, 147 Frame Top Text Current temporature Temp Unit © (: "If" multiple Exchange position Adjust 0 Space 5 If Temperature take integer Set The Font And Color | Screen Screen1 Program2 Custom Area1 Temp1 Program3 Clock1 Program1 Custom Area1 | Current temperature 25°C | + 100% - |
| Top Text Current tenverature Tansparency Transparency Set The Font And Color | Area properties | | |
| Text Font 04b 21 | 41, 16 255, 147 | Top Text Current temperature Temp Unit | |

1) Temperature Attribute

Fig. 3-28 Temperature Attribute

Support setting the font size, color, temperature unit etc.

12. Add animation characters

Click animation character icon to add this mode, click the "Delete" button to delete this item.

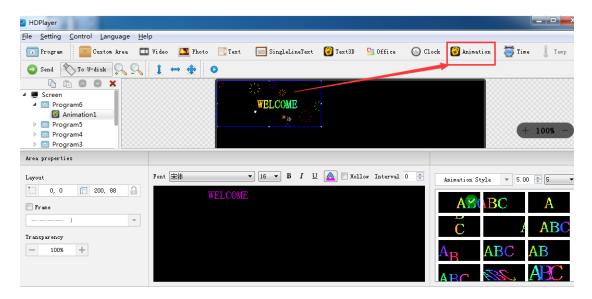


Fig. 3-29 Add animation characters

1) Animation characters Attributes

| HDPlayer | | | | | — — X |
|---|----------------------|----------------------------|---------------------|---------------------------------------|-----------------|
| <u>File Setting Control Language H</u> e | p | | | | |
| 💽 Program 🧧 Custom Area 🛄 | Video 🎦 Photo 🛄 Text | 🧮 SingleLineText | 🔞 Text3D 🛛 🔡 Office | e 🕓 Clock 🞯 Animatio | n 👸 Time 💧 Temp |
| 😋 Send 🏷 To V-disk 🔍 🔍 | 1 ↔ ⊕ ⊙ | | | | |
| Screen Screen Orogram6 Orogram5 Orogram4 Orogram3 | | * *** | | | + 100% - |
| Area properties | | | | | |
| Layout 0, 0 1 200, 88 1 Frane Transparency 100% + | Font (亲体 WELCOME | ▼ <u>15</u> ▼ B I <u>U</u> | Kollow Interv | Renderfor System Colorful wor C | und > |

Fig.3-30 Animation characters Attributes

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

13. Add Humidity

Click "Humidity" icon to add this mode, click the "Delete" button to delete this item.

| B HDPlayer | | | | | | | | _ | | X |
|---|---|---|------------------|----------|-------------------|------------|-------------|--------|--------|---|
| <u>File Setting Control Language He</u> | lp | | | | | | | | | |
| |] Video 🛛 🔼 Photo eon 🔀 Weather | Text | 📰 SingleLineText | 🔞 Text3D | 🔡 Offic | ce 🕓 Clock | 🗑 Animation | 🦉 Time | 🧵 Temp | » |
| Screen Screen Custom treat Temp1 Or Program3 Orlock1 Drogram1 Orlock1 | The humidi | ty 0% | | | | | | | ⊦ 100% | |
| Area properties | | | | | | | | | | |
| Layout 0,0 1280,142 1 Frame Transparency - 100% + | Top Text Humidity Font Text Font Humidity Adjust | The humidity multiple MS Sans Seri 0 | f | | ▼ 1 ▼ 1 ▼ 5 | 12 | on. | | • | |

Fig. 3-31 Add Humidity

Notice: Humidity sensor need to be welded on control card to ensure a correct humidity value show on the led screen.

1) Humidity Attribute

| > HDPlayer | | | | | | | | | | × |
|---|------------------------------|---|------------------|----------|-------------------|-----------|-------------|--------|--------|---|
| <u>File Setting Control Language H</u> e | lp | | | | | | | | | |
| 💽 Program 🧧 Custom Area 🔳 | 🕽 Video 🛛 🔼 Photo | Text | 🥅 SingleLineText | 🗑 Text3D | 🔡 Offic | e 🕓 Clock | 🔞 Animation | 🍯 Time | 🧵 Temp | * |
| | 1 ↔ 4 | • | | | | | | | | |
| Custom Areal Cust | The humidity | y 0% | | | | | | | + 100% | - |
| Layout 0, 0 280, 142 Frane Transparency 100% + | Humidity Font (Text Font | The humidity multiple MS Sans Serif MS Sans Serif O | | | ▼ 1 ▼ 1 ▼ 5 | 2 | on | | •) | |

Fig. 3-32 Humidity Attribute

Support setting the font size, font color, humidity unit etc.

14. Add Neon

Click "Neon" icon to add this mode, click the "Delete" button to delete this item.

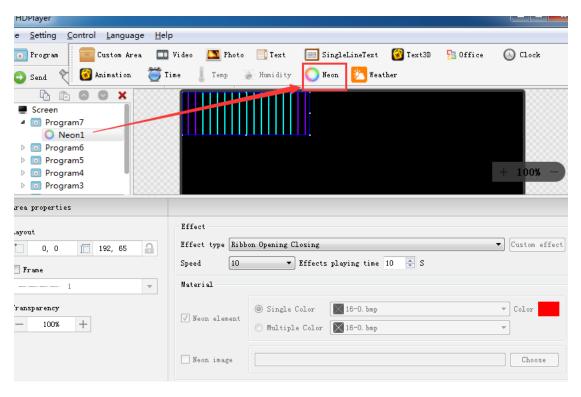


Fig. 7-33 Add Neon

1) Neon Attribute

| 👌 HDPlayer | | |
|---|--|-----------------|
| <u>File Setting Control Language H</u> el | 0 | |
| 💿 Program 🧧 Custom Area 🛄 | Video 🔝 Photo 📑 Text 📰 SingleLineText 🔞 Text3D 👫 Office | Clock » |
| 🚭 Send 🏷 To V-disk 🔍 🔍 | $1 \leftrightarrow \Phi \bullet$ | |
| Creen Screen Screen Screen Program7 Neon1 Program6 Program5 Program4 Program3 | | + 100% - |
| Area properties | | |
| Layout | Effect | |
| 0, 0 🗂 192, 65 🔒 | Effect type Ribbon Opening Closing | ▼ Custom effect |
| 🗖 Frame | Speed 10 💌 Effects playing time 10 🚔 S | |
| 1 v | Material | |
| Transparency - 100% + | Single Color Neon element Multiple Color 16-0. bmp 16-0. bmp | Tolor |
| | Neon image | Choose |
| | | |

Fig. 3-34 Neon Attribute

15. Program Preview & Save

1) Program Preview

After finishing editing program, click \circ to play, click \circ to pause, and click \circ

| o stop. | | |
|---|--|-----------------------------------|
| b HDPlayer | | |
| <u>File Setting Control Language Help</u> |) | |
| 💽 Program 💼 Custom Area 🛄 | Video 🔼 Photo 📑 Text 📻 SingleLineText 🔞 Text3D | 🚼 Office 🕢 Clock 🥠 |
| 🚭 Send 🏷 To V-disk 🔍 🔍 | 1 ↔ ⊕ | |
| Screen Screen O Program7 Neon1 O Program6 O Program5 O Program4 | | + 100% - |
| ▷ 💿 Program3 | | |
| Area properties | | |
| Layout | Effect | Preview button |
| 0,0 [192,65 🔒 | Effect type Ribbon Opening Closing | Custom effect |
| - Frame | Speed 10 The Effects playing time 10 🗭 S | |
| 1 v | Material | |
| | | |
| Transparency - 100% + | Neon element Multiple Color 16-0. bmp | ▼ Color |
| | V Neon element | |

Fig. 3-35 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.

16. Import & Export Program

Choose [File] \rightarrow [Export], export the edited program to specified directory, for the next using in different computer.

Choose **[**File **]** \rightarrow **[**Import **]**, import the exported program into software.

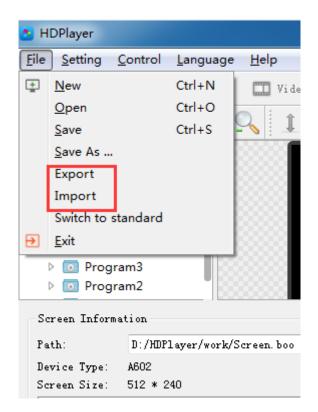


Fig. 3-36 Import & Export Program

17. Add 3D Text

Click "3D Text" icon to add 3D subtitle; click "delete" button to delete it.

| HDPlayer | | | | | | | | L |
|--|-------------------|--------|------------------|----------|------------|---------|-------------|--------|
| <u>File Setting Control Language He</u> | elp | | | | | | | |
| 💽 Program 🛛 🔚 Custom Area 🕻 | 🚺 Video 🛛 🔼 Photo | Text | 🧱 SingleLineTex. | 🔞 Text3D | 🔡 Office | 🚫 Clock | 🐼 Animation | 😇 Time |
| Send 🏷 To V-disk 🔍 🔍 | | D | | | | | | |
| Image: Image | | | | | | | 3 | |
| ▲ O Program7 | | | | | | | | |
| Text3D1 | | | WELCOME | | | | | |
| ▷ O Program6 ▷ O Program5 | | | | | | | | |
| ▷ 💿 Program4 | | | | | | | | + |
| ▶ | | | | | | | | |
| Area properties | Display | | | | | | | |
| Layout | 宋体 | ▼ 12 ▼ | B I <u>U</u> | ŧ 🛓 » | Style sett | ings v | * | » < |
| 0, 0 1 292, 128 | | WELCO | ME | <u> </u> | | | | |
| Frame | | | | | ABC | ABC | ABC | ABC |
| Transparency | | | | | ABC | | H | ABC |
| - 100% + | | | | | ADC | ABC | ABO | |
| | | | | | | dhe | -TDC | |
| | | | | | | | | |
| | | | | - | | | | |

Fig. 3-37 Add 3D Text

1) 3D Text Attribute

| BHDPlayer <u>Fi</u> le <u>S</u> etting <u>C</u> ontrol <u>L</u> anguage <u>H</u> el | 0 | | | | | | | | _ 0 X |
|---|---------|---------------------|----------------------------|----------|--|----------------------------|----------------|---------------------|-----------|
| | | 🚺 Text 📰 | SingleLineText | 🚱 Text3D | 🚼 Office | 🚫 Clock | 🔞 Animation | 👸 Time | . Temp |
| Send To U-disk To U-disk Send To U-disk Send Send To U-disk Send | 1 ↔ ⊕ 0 | | | | | | | | |
| 4 Screen 4 9 Program7 6 Text3D1 > 0 Program6 > 0 Program5 > 0 Program4 > 0 Program4 > 0 Program3 | | | WELCONE | | | | | + | 100% — |
| Area properties | Display | | | | | | | | |
| Layout 0, 0 292, 128 Frame 1 Transparency 100% | 末体 | • 12 • B WELCOME | <i>I</i> <u>∪</u> ≡ | * * · | Style settin Background Foreground Colorful w Ø 3d shadows Shaped bor | l style l style ords | BC BC BC | » ≉ ¥ ABC ABC | 01 • |

Fig. 3-38 3D Text Attribute

18. Add Weather

Click "Weather" icon to add weather; click "delete" button to delete it.

| HDPlayer | | | | | | |
|---|------------------------------------|---|------------|---|-----------------|---|
| <u>File Setting Control Language H</u> e | lp | | | | | |
| |] Video 🔉 Photo 📃 eon 🔀 Weather |]] Text 📰 SingleLineText | 🗑 Text3D 🥊 | Goffice 🕓 Clock | 🞯 Animation 🛛 👸 | Time 📕 Temp 🍉 |
| Screen Screen Screen Screen Secreen Secre | | Beijin 2017/04, 9Degrees Celsius 251 Sunny Breeze South Wi | | 5 | | + 100% - |
| Area properties | | | | | | |
| Layout 0, 0 1 328, 171 Frame | Font 宋体 Display Style | BE V Beijing V 12 erature Weather Wind spec | × Ø | Display Inmediate Show Clear Inmediate Clear Hold 5.05 | | • 5 • • 5 • • 5 • |

Fig. 3-39 Add Weather

1) Weather Attribute

Users can modify city weather and set the font, display type etc.

| B HDPlayer File Setting Control Language Help | |
|--|---|
| The Second Council Fandrade Telb | |
| 💽 Program 📄 Custom Area 🛄 Video 🛄 Photo 📑 Text 📰 SingleLineText 🔞 | ext3D 🤮 Office 🚯 Clock 🞯 Animation 👹 Time 🚪 Temp 🔸 |
| 💿 Send 🏷 To V-disk 🔍 🔍 🏦 ⇔ 🚸 💿 | |
| Image: Constraint of the second s | s Celsius + 100% - |
| krea properties | |
| Layout City 0,01328,171 China 北京市 錦阳 * Beijing * Preme Font Transparency Display Style - 100% + City Date Temperature Weather Wind speed * | Display Immediate Show S S Clear Clear Immediate Clear S S Clear Hold 5.05 |

图 3-40 Weather Attribute

Notice: above functions can also be added on custom area.

Chapter 4 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

Before sending the program, connect screen and control card by steps: $[control] \rightarrow [devise Bind]$. When connect screen with multiple card, program will send to all cards simultaneously (cluster sending); when connect multiple screens with one card, ongoing program will be replaced by later sending program.

| Device Bind | | | | | |
|--------------|-------------|-------------|--------------|--------|--|
| Project Name | Device Bind | Device Name | Device ID | Delete | |
| 1 🔽 Screen | 1 | ye-B131F | C10-17-B131F | Delete | |



Click $[Control] \rightarrow [Cluster sending]$ or click sending button on tool bar, program will be sent to the associated card.

| B HDPlayer | |
|--|---|
| File Setting Control Language Hel | P |
| 💽 Program 🧲 Device Bind | o 🛄 Photo 📑 Text 🔚 SingleLineText 🔞 Text3D 🚼 Office 🚯 Clock 🔞 Animation |
| Send Exporting to U-disk | - + + 0 |
| Cluster Sending | |
| → U Brightness Setting | |
| Screen1 | |
| D Prog Time Switch D Prog Update Device Name | |
| O Proc Update Device Name O Proc Screen Testing | he had the second |
| Image: A log Prog | |
| Conter setting | |
| Custom Area2 | |
| Custom Area3 | |
| | |
| | |
| Area properties | |
| Layout | |
| 0, 0 🗇 32, 32 | |
| | |
| Frame | |
| 1 × | |
| Transparency | |
| - 100% + | |
| | |

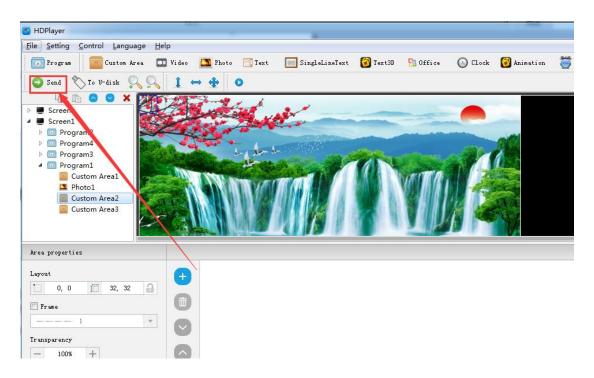


Fig. 4-2 Network Cluster sending

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.

| Exporting to U-disk | × |
|---------------------------------------|--|
| Removable disk (G:) | - |
| Disk | |
| Total Space 14.99 GB | |
| Free Space 14.90 GB | |
| Need Space 114.20 MB | |
| ○ Play Plug and play. While pulling (| out, program in the Flash on board will go on playing. |
| € Copy the program from U-disk t | to Flash on board. |
| 🗹 Other Setting | |
| Export Port 1 Setting File | |
| Export Port 2 Setting File | |
| Export Brightness Setting File | |
| 🗌 Export Switch Screen Settings File | |
| Export Firmware | |
| Correct Time by U-disk | |
| 2017-4-12 16:00:00 | Set this time for LED display system time. |
| | |

Fig. 4-3 Update program by U-Disk

3. 2. 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.

睯 Exporting to U-disk

GSP1RMCULXF (G:)

| Disk |
|--|
| Total Space 7.60 GB |
| Free Space 4.38 GB |
| Need Space 114.20 MB |
| Play Plug and play. While pulling out, program in the Flash on board will go on play. |
| O Copy Copy the program from U-disk to Flash on board. |
| ✓ Other Setting |
| Export Port 1 Setting File Export Port 2 Setting File Export Brightness Setting File Export Switch Screen Settings File Export Firmware Correct Time by V-disk |
| 2017-4-12 16:00:00 🗣 Set this time for LED display system time. |
| |

Fig. 4-4 U-Disk expand memory Limitless

Chapter 5 System Setting

Click [setting] -> [system setting], it has saving warning, delete warning, using password, automatic log on setting.

| 💽 System Setting | x |
|-------------------------|---|
| V Save Warning | |
| 📝 Delete Warning | |
| 🔲 Use Password | |
| Change Password | |
| 🔲 Right -> Left | |
| 🔲 Display Frame Topmost | |
| | |
| | |
| Reset Setting OK Cance | 1 |

Fig. 5-1 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".
```

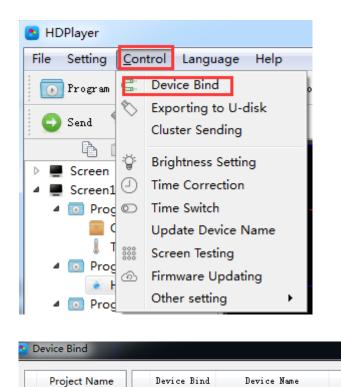
Chapter 6 System Control

In Software, click "Control", and it include below total 9 functions:

(Device bind, Boot screen, Brightness setting, Time correction, Cluster sending, Export to U-disk, Screen testing, Firmware updating, Device network information).

1. Device bind

It means the relationship between the display and the sending controller. Bind the controller together with display, programs on screen will be sent to controller.



1 🗸

Fig. 6-1 Device Bind

Device ID

A30-00-A5000

Delete

Delete

Users can bind multiple controllers with one screen, and can also bind multiple screens with one controller.

BoxPlayer

2. Brightness setting

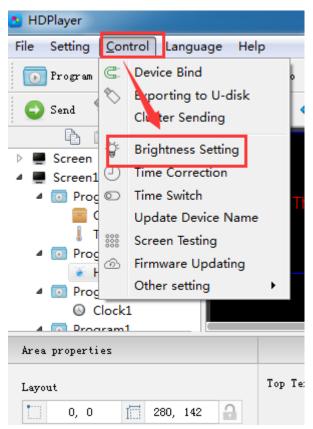
1 📃 Screen

After connecting device, choose controller ID and network port so that can adjust brightness. "Network port 1" adjust brightness of port 1, "Network port 2" adjust brightness of port 2.

When connected the sending controller ID, at the left bottom left shows tip "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

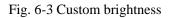
| 睯 Brightness Settir | ng 🗾 🗾 |
|---------------------|---------------------------------|
| Connected Device: | BoxPlayer ID: D10-00-Babed |
| network port: | no distinguished network port 💌 |
| Default | Select the default settings: |
| Custom | 100 % |
| Automatic | |
| | |
| | |
| | |
| | |
| | |
| | |
| Get Brightness Suc | ccess! OK Cancel |

Fig. 6-2 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.

| 睯 Brightness Settin | ng 📃 | χ |
|---------------------|---|---|
| Connected Device: | BoxPlayer ID: D10-00-Babcd | |
| network port: | no distinguished network port 🔻 | |
| Default | You can customize the brightness of the time period | |
| Custom | Time Strategy 1 00:00:00 ♀ to 00:00:00 ♀ 100 % | |
| Automatic | Time Strategy 2 00:00:00 🚖 to 00:00:00 🚔 | |
| | □ Time Strategy 3 00:00:00 ♀ to 00:00:00 ♀ □ 100 % | |
| | Add Remove |] |
| | | |
| | | |
| | | |
| | | |
| Get Brightness Suc | ccess! OK Cancel | |



3) Automatic Adjustment

| Drightness Setti | iy 🛁 |
|--------------------------------------|---|
| Connected Device: | BoxFlayer TD: D10-00-Babcd |
| network port: | no distinguished network port 💌 |
| Default | This feature requires an external light sensor. |
| Custom | |
| Automatic | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Get Brightness Suc | CCess! OK Cancel |

Fig. 6-4 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.

| File Setting Con | trol <u>L</u> anguage | e <u>H</u> elp | | | | | | |
|---|----------------------------------|----------------------|--------------------|-------------------------------|--|--|--|--|
| Program C | Device Bind | , | | | | | | |
| 🕤 Send 🌾 🛇 | Exporting to U Cluster Sendin | | → < | | | | | |
| Screen Screen1 Screen1 Proc Proc Proc Proc Proc Proc Proc Proc Temp1 | | n Name | | | | | | |
| Time Correction | | | - | | | | | |
| Refresh List Cor | mected Device: | BoxPlayer | ▼ D10-00-Babcd | | | | | |
| Synchronize Dire | | computer time | | | | | | |
| Custom Adjustme | | | | Custom Adjustment the device: | | | | |
| | | | | | | | | |
| Automatic Corre | ction ^{Comp} | uter Time | 2017-4-12 15:37:37 | A. V | | | | |
| Automatic Correc | Luon | uter Time ce Time | | A V | | | | |

Fig.6-5 Synchronous Correction

2) Custom adjustment

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

| Time Correction | |
|--------------------------|----------------------------------|
| Refresh List Connected D | evice: BoxFlayer D10-00-Babcd |
| Synchronize Directly | Computer Time 2017-4-12 15:38:08 |
| Custom Adjustment | Device Time 2017-4-12 15:38:02 🚔 |
| Automatic Correction | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| Get Time Success! | OK Cancel |

Fig. 6-6 Custom adjustment

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.

| HDPlayer | | |
|--|--|--------------|
| <u>File</u> <u>S</u> etting | <u>Control</u> Language <u>H</u> elp | |
| Program Send Screen Screen1 Screen1 Prog Prog Prog Prog Prog T | Device Bind Exporting to U-disk Cluster Sending Brightness Setting Time Correction Time Switch Update Device Name Screen Testing Firmware Updating Other setting | |
| Screen Testing | | × |
| Select the device Bo Gray Color Band Grid | xPlayer ID: Success! Multi Points | D10-00-Babed |
| 💿 Auto Test | 🔘 By Setting | |
| 0 ↓ 0 ► • • • • • • • • • • • • • • • • • • • | Green | Blue |
| | | Start Stop |

Fig. 6-7 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).

| B HDPlayer | 1 | | | |
|--|--|----------------------------|--------------------------------|-----------------|
| <u>File</u> <u>S</u> etting <u>C</u> or | ntrol <u>L</u> anguage <u>H</u> el | р | | |
| 💽 Program 🧲 | Device Bind Exporting to U-disk | o 🎦 Phot | .o 📑 Text | 🧮 SingleLineTex |
| Send Send Screen Screen | Cluster Sending Brightness Setting Time Correction | | 0 | |
| ▲ ○ Proc ○ ■ C ↓ T ● Proc ○ ● Proc ○ | Time Switch Update Device Name Screen Testing Firmware Updating | The humid | iity 0% | |
| ▲ O Prod O Clock: ■ Program | | • | | |
| Area properties | | | | |
| Layout | 280, 142 | Top Text | The humidity | |
| Frame | v | Humidity Font Text Font | MS Sans Serif MS Sans Serif | |
| Transparency | | Humidity Adjust | 0 | |

| - | | File Layer/BoxPlayer_5_2_29_0 |). bin | | | 5 | Select |
|-----|----------|---|-----------------------------|------------|---------------------|----------------------|--------|
| Vpα | late | File Information | | | | | |
| υj | odati | e File Type: e File Version Number: e File Description: | FPGA BoxPlayer 5.2.29.0 | | Differen upgrade | it versions, yo e | u |
| Dev | rice | Information List Device Name | Device ID | Version No | FPGAVersionNo | Update Infor | metion |
| 1 | v | ye-B131F | C10-17-B131F | 5.3.21.0 | 6.23.2.0 | 100% | Sear |
| 2 | V | BoxPlayer | D10-00-Babcd | 5.3.20.0 | 3.23.0.0 | 100% | Sear |
| 3 | V | BoxPlayer | D30-16-B2354 | 5.3.19.0 | 3.25.60.0 | 100% | Sear |
| 4 | 1 | BoxPlayer | C30-00-C0712 | 5.3.21.0 | 6.23.2.0 | 100% | Sear |
| 5 | 1 | EC20-E,测试 | D10-00-A1777 | 5.3.21.0 | 3.23.0.0 | 100% | Sear |
| 6 | 1 | BoxPlayer | A30-00-A5000 | 5.3.21.0 | 6.23.2.0 | 100% | Sear |
| 7 | 1 | BoxPlayer | D10-00-A7202 | 5.3.9.0 | 3.23.0.0 | 100% | Sear |
| 8 | 1 | 霞专用,母片验证,莫动 | C30-00-C0203 | 5.3.21.0 | 6.23.2.0 | 100% | Sear |
| ٥ | | BoyPlayer | C30-00-47366 | 53210 | 62320 | 100% | Sear |

Fig. 6-8 Firmware Update

6. Network Information Setting

Two connections way are supporting: 1. Connect controller with computer; 2. Connect router with computer. No need to set IP for controller. If need to fix IP, click $(Control) \rightarrow (set network information)$ for setting.

Obtain IP automatically: Click "set"→"use"→"set".

Obtain IP manually: click "set", do not tick "use", then users can set controller IP and other network information. After setting, click "set", then will obtain IP successfully. (Tip: use this function with caution. Setting IP needs to be in same network segment with computer's local connection.)