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## Chapter 1 Overview

#### 1. System module

The LED display information management platform adopts the architecture of B/S system, which contains Device, programs, Materials, tasks and setting modules.

Device	Program	Material	Task	Settings	
	1.1.0	M - M	1 1	0%.	

1-1 System Management Module

- Login interface: user registration, login, password change, language switching, etc.
- Device: Device grouping, Device online/offline status, time correction, brightness adjustment, firmware upgrade and other operations. In the "Details" of the device, you can see the device's operating status information, program information, release records, and online and offline records.
- Programs: including single program and program list settings, new programs, program editing, program preview, program release and other operations. In the program list, you can view the program release record, broadcast control settings and GPS fixed-point playback.
- Materials: upload videos, pictures, GIF animations, Materials to be reviewed
- Task: program release record, program task release status, and unreviewed program record.
- Settings: My account info, modify mobile phone number, account management, set sub-users and role management, etc.



## Chapter 2 Module function introduction

## 1.Login interface

#### 1) Account log in

User can choose user name/email/mobile phone number to login.

User name, mobile phone number, email password Account login	Account login
password Account login	
Account login	ser name, mobile phone number, email
	assword
	Account login
forget password   register account	forget password I register accoun

## 2-1 Login interface

#### 2) Create an account

Click "Register Account" in the login window.

	register account	
* username	4-20 characters, beginning with a letter, cannot contai	in Chin
* password	Must contain uppercase and lowercase letters and nu	Imbers
* confirm password	please re-enter the password	
company name	Please enter the company or team name	
telephone number	Please enter the associated mobile phone number	
* mailbox	Please fill in the correct email address	
∗ Captcha	Captcha get verification co	de
	agree"Terms of Service and Privacy Policy"	
	registered	

2-2 Account registration interface



Notes: A. The verification code can be obtained by SMS or email

B. You must fill in the correct company name, mobile phone number, email address, so that you can successfully pass the review of the platform administrator

#### 3) Retrieve the password

Click "Forgot Password" in the login window, enter the mobile phone number bound to the account, the system will send a verification code to the mobile phone number, enter the verification code, and then you can reset the password in the next step.

Set new password	
Associated mailbox * Captcha Captcha get veri	fication code
Next step	
2-3 Get verification	code
Set new password	
* new password	
∗ confirm password ┃	

	please re-enter the password
2	ок

2-4 reset Password



#### 2. Device management

Device management is divided into two parts: device list and device map.

Each online device is on the ungrouped list by default.

	Device	Program	Material Tas	sk Settings		
Device group management	De	evice List				
✓ ► All 30	Devi	ice ID、Device name	Q Search All	✓ Delete	Set up Group Bind pr	ogram li
Ungrouped 30		Device ID	Device name	Resolution	Firmware versi on	Act
		C15-C19-A1F4A	BoxPlayer	64x32	7.1.51.0	(((+)))
		C15-C19-A579E	陶然北岸东门	128x64	7.2.19.0	(((+)))
		A4-19-A03E2	BoxPlayer	576x576	7.0.12.0	(((+)))
				$(\mathcal{T})$		

2-5 Device List

### 1) Device grouping

Click "..." in "All" to add subgroups

		Device	Program	Material	Task
Device group managemen	t	Device	List		
∽ <mark>—</mark> All 30	•••	Device ID	Device name	C, Search	All
Ungrouped 30	Add subgro Modify the r	<u> </u>	Device ID	Device nam	ne
	Delete Distribute m	anager	C15-C19-A1F4A	BoxPlayer	
	Move up		C15-C19-A579E	陶然北岸东	ί
	Move down		A4-19-A03E2	BoxPlayer	

#### 2-6 add subgroups

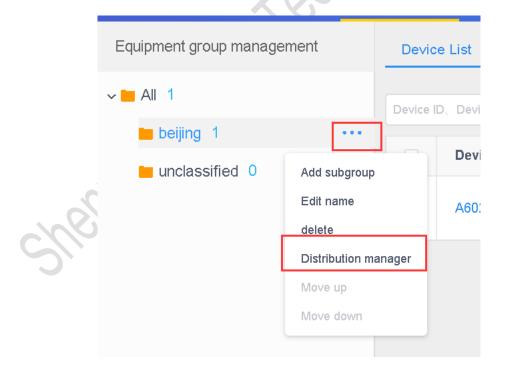
In Ungrouped, select the device, and then click "Set Group" above to assign to the corresponding group.



Equipment group management	Device	e List Device map			
~ 🖿 Ali 1		, Device name Q se	arch All v del	ete Separate Group	Bundled program list
🖿 beijing 0					
unclassified 1		Device ID	Bevice name	Resolution	Firmware version
			BoxPlayer	Separate Group	7 2 0 0 ×
				oopulato oroup	
				~ <b>—</b> All 1	
				<b>beijing</b> 0	
				🖿 unclassified	1
					cancel OK
				0.2	

2-7 Set Group

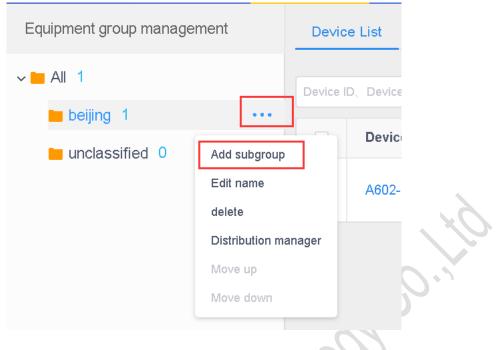
After the devices are grouped, you can set the group to be controlled by a certain sub-user



2-8 Assign managers to groups

In addition, in the group, you can also create sub-groups.





2-9 Group and subGroup

#### 2) Device details

Click the "Details" button to enter the device details interface of the selected device. On this interface, you can view the basic information of the device, including information about the network connection mode, firmware version, playback status, and remaining space.

return	Device List / A602-1801-A2273			
Device Information	Synchronize Open screen Off screen M	ore ~		
Release record	Basic Information			Q
Program information	Device ID: A602-1801-A2273	Device name: BoxPlayer	online status: Online	
Online and offline records	Locked state: no	FPGA version: 2.0.32.0	Volume: 100%	
	remaining space: 5.9 GB	Playing state: Playing program 1	Multi-screen synchronization: shut do	wn
	Screen rotation: Not selected	Play mode: Single program loop	Key Function: Screen test	
	Firmware version: 7.2.9.0	Screenshots: View conduct		
	time	0	Brightness	0
	Time zone: (UTC+08:00) Beijing, St	ummer time: shut down	mode: Fixed brightness	
	Automatic time adjustment: Disable So	chool service: ntp.huidu.cn	- <u>\.</u> 100%	
	Switch machine	0	Position	0
				九龙山花仙谷 建态艺术园
	Not Enal	bled	四〇月風山 日石岩湿地公司	
	NOL ENAL	bieu		al al al a

#### 2-10 Device details

- $\succ$  Device ID: The ID of the currently selected device
- > Device name: The name of the currently selected device
- Online status: Online means the device is connected, offline means the device is disconnected

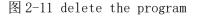


- Firmware version: The firmware version of the current device, related to the function
- > FPGA version: FPGA version of current device, related to display
- > Volume: Current device volume
- > Remaining space: The remaining space in the device
- Playing state: Open screen is the LED screen power-on state, and off screen is the LED screen power-off state
- Multi-screen sync: The content in multiple screens is the same, and the playback progress of the content is the same
- $\succ$  Screen rotation: 90°  $, 180^{\circ}$  and 270°
- > Play list: Sequential play or single program loop
- > **Time:** Time on device
- > Brightness: Brightness on the device
- > Switch machine: the time of switch machine
- Position: If the device is equipped with a GPS module, the device can be automatically positioned and displayed on the map
- > Networking information: Device access to the Internet: wired, Wi-Fi or 4G
- Relay: If the device is equipped with a relay, you can set the screen power-on. the time of power-on
- Rename: Modify device name
- > Switch on/off setting: switch LED display with time
- > Firmware upgrade: Upgrade device firmware
- Sync: Synchronously read back the status of the device's programs, networking mode, remaining space, etc. (The default is automatic readback. When the automatic readback is not possible, this function will be used: manual readback.)
- > Release record: Can view the devices task release record
- Program information: You can view the number of programs in the device, the name of the program, the space occupied by the program, and can "delete" and "preview" the program
- Online and offline records: Can view the device is online and offline records

#### 3) Delete program

Click the "Details" of the device in the [Device] list, then select "Program Information", select the corresponding program to delete.

return	delete							
Device Information		Prog ram	Program name	Take up spa ce	Play attributes	Update the time	Actionable option	¢
Release record		1	节目1	56.1 KB	detailed	unknown	Preview delete	
Program information								
Online and offline records								





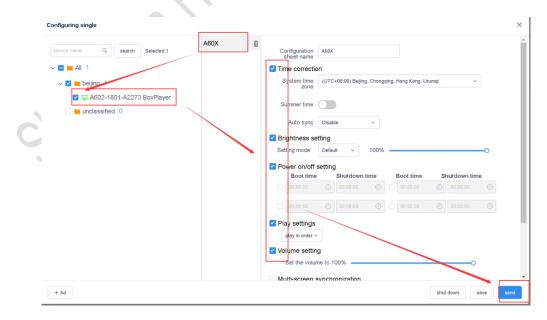
#### 4) Configure list Management

The Configure list can set the timer switch, brightness setting and heartbeat package settings. By configuring a single function, you can set the parameters of the device's time correction, brightness setting, timer switch, volume adjustment, heartbeat package, etc. in batches.

	huldu_tancy1 drop out
	_1
Configuring single X	More ~ Configuring single
Device name       Q. search       Selected 0         No data       Add configuration sheet       X         Types of       Full Color       3         Ifrist name       Acximited acximited account of the second	Actionable option detailed Geographic tocation
2 + Ad	

2-12 Add Configure list

After creating a new Configure list, select the device on the left, select the corresponding Configure list in the middle, check the required settings on the right, and finally click "Send".



2-13 Configure list Operation



#### 5) Other settings

Select a single or multiple devices in the device list to perform operations such as time correction, brightness settings, power on/off, GPS settings, and playback settings etc.

equ	uipment	Program M	laterial Task S	et up				huidu_tancy1
	Device	List Device map						
	Device ID	Device name Q	search All ~ delete	Separate Group Bundled	program list	Time correct	tion Brigh	tness setting More ~ Configu
		Device ID	Device name	Resolution	Firmware version	device.activeTime	Program	Switch machine
		A602-1801-A2273	BoxPlayer	128x512	7.2.9.0	♠ 2020/07/01 10:23:34	Unbound	Heartbeat bag Firmware upgrade
ľ							Total 17	Play settings GPS settings
								Relay
								Volume
								Synchronous and asynchronous switch
								Synchronize
								Empty the show Rebool
								Open screen
								Off screen
								Multi-screen synchronization

#### 2–14 Other settings

#### 3. Program management

#### 1) Program list

Click [Program Management] to enter the program list, you can rename, preview, edit, copy, publish, history, program creator, modification time and other operations. If there are more programs, you can enter keywords in the text box behind the program name and click the "Query" button.

1.50		Program								
New program list	New	program Pro	gram name	Q. Search	Al ~			Bind to p	laylist Batch	release Delete
All programs 48		ID	Program name	Туре	Resolution	Duration (s)	Creator	Modified time	status	Options
Program list 0		195948	New Program	Full color	128×128	0	huidu_tancy	2020/06/17 09:09:07	0	<ul> <li>⇔ Preview</li> <li>■ Edit</li> <li>C2 Release</li> <li>More</li> </ul>
		185662	新建都日	Full color	128×128	0	huidu_tancy	2020/05/11 18:34:28	0	<ul> <li>⇔ Preview</li> <li>■ Edit</li> <li>(2) Release</li> <li>More</li> </ul>
		185660	5斤建都 曰	Full color	128×128	0	huidu_tancy	2020/05/11 18:31:33	•	<ul> <li>⇔ Preview</li> <li>■ Edit</li> <li>C2 Release</li> <li>More</li> </ul>

#### 3–1 Program list

- Program type: Device type selected when creating a program, full color or single and double color
- > Name of programme: Create a name for the program;



- Control range: The size of the analog display screen that creates the program
- > Time: Total duration of the program;
- > Creator: The name of the user who created the program
- > Change the time: Last time to edit the program;
- Status: If the content of the program does not contain violent terror, illegal pornography or sensitive words, it will be a green icon. AI can generally pass it; otherwise it is red, and it needs manual reaudit to pass;
- Operation items: Program preview, editing, publishing, renaming, GPS fixed-point playback and broadcast control settings can be operated.

#### 2) New program

Click "New Program", define the name of the program, set the width and height of the screen in the New Program dialog box, or select the corresponding device to read back the width and height of the screen, and click "OK".

	ram			Q, search All v		
	ID	Progra	New program			×
	4137	zi-@1		w program <i>r</i> idth 128 height 128	Ch	oose device 🔺
	4216	视频1(	Type selection: Fu Device ID, Device name Device ID	Il Color  Q Search Device name	Resolution	status
	4212	New 1	D15-19-A2DEC C15-00-A1202	px30_4G 测试勿动-fang	128x128	(••)
4212		4212 New 1	B6-00-A8685	凤凤凤和-raing 霞-专用	128x128	(rea)
			A6-19-A043A	云平台BoxPlayer	1920x1200	((=))

3-2 New Program

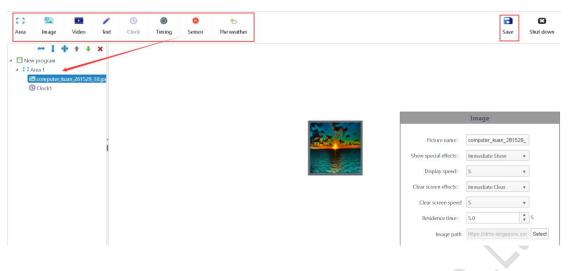
#### 3) Edit program

On the edit program page, you can add multiple areas, pictures, videos, text, etc. After editing, click "Save"



~

and



3-3 Program editing window

A.Select "program" in the tree area, you can modify the program name, etc.

Pr	ogram
Name of programme:	New program
Program width:	128
Program height:	128

right, stretch up and down, maximize, delete, move, etc.

In the area properties window, you can modify the area name, position and size, and you can also drag the area or stretch the area on the analog display.





3-5 Regional attributes

Note: The content must be added under the area. The areas are displayed overlapped, and the content under the area is played in a loop.

C.Select a certain area and click "Button to enter the interface for adding pictures, select the pictures to be added and click OK.

File name	Size	Uploaded by	Upload time					
春天驾校-8秒-320.gif	223.7 KB	fang	2020/01/16 22:57:25					
95930972-1851-48a3-8589-cb1db5d3233f.png	2.7 MB	fang	2019/12/20 03:13:28					
16252587_201112137031_2.jpg	129.9 KB	fang	2019/12/20 03:13:20					
T1ZfdOFjXXXXXXXXXXX_!!0-item_pic.jpg	302.8 KB	fang	2019/12/20 03:13:20					
锁.jpg	166.3 KB	fang	2019/12/20 03:13:20					
rBEHaFBhSKwIAAAAAAAE42yf7jycAABgZwK3axUAATjz	78.2 KB	fang	2019/12/20 03:13:19					
5.jpeg	267.6 KB	fang	2019/12/06 19:44:56					
2009122194852225778023.jpg	2.1 MB	fang	2019/12/06 00:04:24					
computer_kuan_281529_18.jpg	1.6 MB	fang	2019/12/06 00:04:18					
ChMkJ13LhsqiPhmJAAhIY3YK_A0AAvNPANILKEACEh	530.1 KB	fang	2019/12/06 00:04:05					
党政军民齐动手320.gif	93.9 KB	fang	2019/07/13 18:33:39					

3-6 Add image window



Support\*.gif、\*.jpg、\*.jpeg、\*.png、\*.bmp、\*.tiff、\*.pbm、\*.pgm、\*.ppm、\*.xbm、\*.xpm。

D.Select the picture under the area interim A = int

		Image	
	Picture name:	computer_kuan_281529_	
	Show special effects:	Immediate Show	
ſ	Display speed :	5	
	Clear screen effects:	Immediate Clear 🔹	
	Clear screen speed	5	
	Residence time:	5.0	s
	Image path	https://dms-singapore.os	Select

3-7 Regional attributes

E.Select an area and click on the video in the upper left

corner " Press the button to enter the video Material dialog box, 3-8, select the video to be added and click "OK".

File name	Size	Uploaded by	Upload tim
4Kzgjj-10.m p4	20.3 MB	fang	2020/03/10 00:40:20
转码失败.mp4	28.4 MB	fang	2019/12/20 03:16:39
城西王府井小黄鸭30秒.mp4	13.9 MB	fang	2019/12/20 03:16:00
049.wmv	2.1 MB	fang	2019/12/20 03:15:42
VideoTest3188_720P_20170908143553.mp4	8.5 MB	fang	2019/12/20 03:13:54
VideoTest3188_720P_20170908143553.mp4	8.5 MB	fang-子用户1	2019/12/20 03:13:54
VideoTest3188_720P_20170908142901.mp4	5.5 MB	fang	2019/12/20 03:13:5
VideoTest3188_720P_20170908144825.mp4	2.7 MB	fang	2019/12/20 03:13:46
垃圾分类.mp4	3.8 MB	fang	2019/12/20 03:13:33
[1080P]周杰伦-超跑女神.mp4	103.0 MB	fang	2019/12/06 19:45:14
宝马广告-小于360P.mp4	15.2 MB	fang	2019/12/06 19:44:43

3-8 Add video window



Support\*.swf、\*.mp4、\*.3gp、\*.avi、\*.rmvb、\*.wmv、\*.flv、\*.mkv、\*.dat、 \*.f4v、\*.mov、\*.mpg、\*.trp、\*.ts、\*.vob、\*.webm、\*.asf ect.

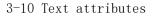
F.Select the video under the area  $\uparrow \downarrow \times$  It can be deleted, moved and other operations, in the video properties dialog box can set the number of video playback

⇔ ‡ ⊕ † ∓ ×	
📃 New program	
🔺 🚺 Area 1	
🔽 computer_kuan_281529_18.jpç	
Clock1	
▲ Clarea2 ■ [1080P]周杰伦-超跑女神.mp4	
	Video
	Video name: [1080P]周杰伦-超跑女神.
	Video path: https://dms-singapore.ose Select
	图 3-9
	(四) 2-2

G. Select a certain area and click " It can be deleted, moved up and down the area and other operations.

In the text properties dialog box, you can rename the text, display special effects and display speed, clear screen special effects and screen speed, stay time between display and clear screen, etc.

	Si	ngle line of text
SUGIN	Text name: Edit text:	Single line of text1 Click to edit text
		Left shift Ocontinuous right shift
	Display speed:	5
	Vertical alignment:	Align Center •
	Text area background	▼





<b>B</b> I U 宋体, Sim Sun	• 16px	• A • • • •		0 0 0	
welcome to China					
wercome to china,					
				OK Cancel	
	3-11 Text ed	liting window	$\mathcal{O}\mathcal{O}$		

Click the "Edit Text" button to edit the text

H. Select a certain area and click "  $\bigcirc$  " add clock **↑ ↓ ×** It can be deleted, moved up and down the area and other operations.

In the clock properties dialog box, you can rename the clock, clock type (analog/digital), time zone, font color, etc.

		Clock
	Clock name:	Clock1
	Clock type:	Analog Cl 🔻 🔲 Use daylight saving time
	Selected time zone:	(UTC+08:00) Beijing, Chongqing, Hon 🔻
	Time correction:	00:00:00 💿      Operative correction      Negative correction
	Clock time scale:	line 🔹
0/1	Clock subscript:	round
		Hour hand 🚽 👻 Minute hand 🚽 👻 Second hand 🗾 👻
5	Font:	宋体 • 12 •
	✓ Fixed text:	LED
	✓ Date form at:	YYYY/MM/DD •
	✓ Week form at:	Monday •
	🗹 Lunar format:	农历五月二十五 • •
	Interval:	$\begin{bmatrix} 0 \\ \bullet \end{bmatrix} \stackrel{\bullet}{\bullet} \mathbb{Z}$ Day and date position swap
	AM/PM:	v
	1	*

3-12 Clock properties



L. Select a certain area and click " 🔘 " add timing 🔶 ¥ It can be deleted, moved up and down the area and other operations.

In the timing properties dialog box, you can rename the timing, fixed text, display type, target time and font color.

	Timing	<b>^</b>
Timing name:	Timing1	
Fixed text:	distance**	100
Type selection:	🖉 Day 🗹 Hour 🗹 Minute 🗹 Second	
Target time:	2020-07-01 10:47:24	
Display style:	default	
Interval:	0 🔹 🔲 Multi-line display	
Font:	宋体 16 •	
Time:	Time unit:	
Text:	•	
		•

# 3-13 Timing properties

Note: The target time is the countdown before the current computer time; the target time is the countdown after the current computer time; for example, the current time is 19:00 and the target time is 18:00, which is the countdown; the target time is 20:00, That is the countdown.

M. Select a certain area and click " <sup>(C)</sup> " Add sensor **( \ \ \** It can be deleted, moved up and down the area and other operations.

In the sensor properties dialog box, you can rename the sensor, temperature/humidity/PM2.5/PM10/wind direction/wind speed/noise, fixed text, display interval, correction and font color, etc.



	Sensor		
Sensor name:	Sensor1		
Sensor type:	Temperature	•	
Fixed text:	Tem perature Hum idity		
Interval:	PM2.5 PM10	i-line display > location	51
Correction:	wind speed	precision	
Font:	wind direction Noise	16 🔻	

3-14 Sensor properties

N. Select a certain area and click " Add weather **\* \*** It can be deleted, moved up and down the area and other operations.

In the weather forecast properties dialog box, you can rename the weather forecast, city, display style, length of stay, font color, etc.

		_
	The weather	ĥ
	Weather name: The weather1   City: Select City   City alias: beijing   Image: City City City City City City City City	
c/lbi	✓ Tem perature ✓ ● °C ● °F	l
3	The weather Wind speed	l
	✓ Wind direction ✓ PM2.5	l
	Font: 宋体 • 16 •	l
	Residence time: 5.0 Second	l
	Interval: 2	
		-

3-15 Weather attributes



#### 4) Release program

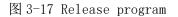
A. After editing the program, click in the upper right corner " Save button, then close the program editing, return to the program list, find the program (program name or program ID) to be released, and click the "release" button.

New p	New program name Q Search All v								stch release delete
	ID	Program name	Program t ype	Resolution	duration (s)	creator	Change the time	status	Actionable option
	34908	New program	Full Color	128x128	28	fang	2020/07/01 10:49:06	٥	© Preview © edit C Release More

#### 3-16 Programme list

B. In the release dialog, select the device or device group to be released

elease	:
Device name Q search Selected:4	Empty the show
<ul> <li>✓ ✓ ■ 石岩 4</li> </ul>	
🔽 🖵 D10-00-A0004 BoxPlayer	
🗹 🖵 D10-00-A0103 BoxPlayer	
🗹 🖵 V10-00-A0419 BoxPlayer	
🗹 🖵 V10-00-A8907 BoxPlayer	
✓ ☐ ainanchu 5	
🗌 🖵 A30-00-A3754 A30-fangT	
🗌 🖵 A30-15-A1666 AppTest1234	
🗌 🖵 A30-15-A3165 BoxPlayer	
A30-15-A3606 BoxPlayer	
It is strictly forbidden to use this platform to upload and dissemina illegal information. Once discovered, it will be handled strictly in a regulations.	



cancel

OK



Notes: 1. If you open the clear program, all the programs on the device will be cleared, and then add new programs; the default is not to open this option, the default is to add programs;

2. If the released program has the same ID number, the program with the same ID number will be replaced by default

28088     New program     Full Color     1024x720	ID	Program name	Program t ype	Resolution
	28088	New program	Full Color	1024x720
18240     New Program     Full Color     192x128	18240	New Program	Full Color	192x128

<sup>3-18</sup> Programme list

For example, the program ID-67974 has been sent to the device, and then I will edit, add pictures or videos, etc. in this program, and then send it again. By default, it will overwrite the previously sent program -67974.

C.After the release is confirmed, check the sending status in the task, 3-19. (You can also go to the device list or release record and click the detailed information to view the task release record)

ID	Types of	creator	Create the time	Task status	Event content	Statistics	Actionable optio n
11490	Update program	fang	2020/06/30 20:58: 52	Completed	A6	1/1/0	S detailed
11489	Update program	fang	2020/06/30 20:55: 02	Completed	A6 Empty the show	1/1/0	C detailed

3-19 Task release details

#### 6) Program list

In the program management interface, click "New Program lists", 3-22, set the name, screen width and height of the program list or select the device to read back the screen width and height, and then click "OK".

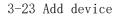


New program list	New pr	rogram Pro			٩	search	Ali 🗸			
All shows 297		ID	Program na	me	F	Program t ype	R	esolution	duration (s)	creator
New program list 1		199486	New progr	New program list						
				Program name:	New prog	ram list			-	
		28088	New progr	Resolution:	width	128	height	128		
				Type selection:	Full Color		~			
				Device ID、Device na	ame		۹ :	search		
		185766	New Prog	Device ID	-	D	evice name	•	Resolution	status           0+0           0+0           0+0           0+0
				C15-00-A1202		测	试勿动-fan	9	128x128	6-9
				B6-00-A8685			霞-专用		128x128	6-0
		185767	New Prog	D15-19-A2DEC			px30_4G		128x128	0-0
				A6-19-A043A		22	<sup>Z</sup> 台BoxPlay	er	1920x1200	((=1)
		179899	新建節目	E63-19-A2888		E63	_15762835	93	1024x32	6-0
					Total	151 Article	< 1	2 3 -	•• 7 >	
		179061	New Prog							

3-22 New program list

A. Click "Bound Device"  $\rightarrow$  "Add Device" in the upper right corner, then select the device and click "OK". 3-23.

New program list				
All shows 297 Program list 2				
New program list 0		Binding device	× Mare down	
New program list 1		binding device	^	
	ID Program name Bound dev	Device name Q search Selected:4	. ×	
		~ 🗖 🖿 All 47	Add device	
		<ul> <li>■ EM 4</li> <li>■ CM 4</li> <li>■ Ch00-A0004 BoxPlayer</li> <li>■ O10-00-A0103 BoxPlayer</li> <li>■ O10-00-A0103 BoxPlayer</li> <li>■ O10-00-A0103 BoxPlayer</li> <li>■ Alanenhu 5</li> <li>■ A30-00-A3754 A30-flang T</li> <li>■ A30-15A-3165 BoxPlayer</li> <li>■ A30-15A-3165 BoxPlayer</li> <li>■ A30-15A-3155 BoxPlayer</li> <li>■ A30-15A-3155 BoxPlayer</li> <li>■ A30-15A-3155 BoxPlayer</li> <li>■ BX 3</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■ BX 3</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■ BX</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■ A30-15A-150 BoxPlayer</li> <li>■ BX 3</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■ BX</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■ BX</li> <li>■ C35-00-B8201 BoxPlayer</li> <li>■</li></ul>	status site /Page ~ cencer ancel OX	



B. New program is the same as the program editing operation introduced earlier, you can build multiple programs, and then publish or synchronize these programs to the device



New p	orogram	Add show Until Program name		٩	search	delete Move up 1	Nove down	Batch release	Synchronized pl	aybill Bound device
	ID	Program name	Program t ype	Resolutio n	duration (s)	creator	Serial numbe r	Change the time	status	Actionable option
۵	199 486	New program	Full Color	128x128	0	fang	1	2020/07/01 11:02:37	٠	<ul> <li>Preview</li> <li>edit</li> <li>Release</li> <li>More</li> </ul>
	179 061	New Program	Full Color	128x128	0	fang	2	2020/04/10 09:54:18	۰	<ul> <li>Preview</li> <li>edit</li> <li>Release</li> <li>More</li> </ul>
	168 392	New Program	Full Color	128x128	0	fang	3	2020/03/09 14:11:24	۰	Preview     felt     Release More
	166 814	New Program	Full Color	128x128	0	fang	4	2020/03/05 10:30:22	•	<ul> <li>Preview</li> <li>■ edit</li> <li>☑ Release</li> <li>More</li> </ul>

3-24	program	list	list
------	---------	------	------

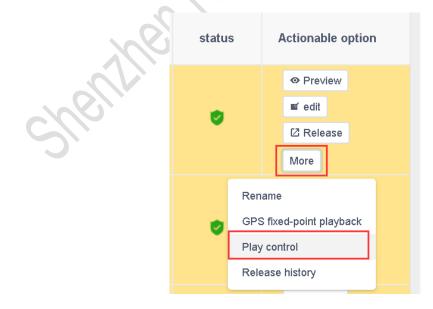
Note: The difference between batch publishing and synchronized program list

Batch release: The program (the program ID is different from the currently released program ID) will be retained on the device, and the new program (new ID) will be added to the device;

Sync program list: All programs on the device will be cleared, and only the programs in the existing program lists will be retained

7) Broadcast program control

Click "More" on the right side of the program and select "Play Control", 3-25. Enter the playback control, you can set the duration, time period, day and date of the program, 3-26



3-25 Broadcast program control1



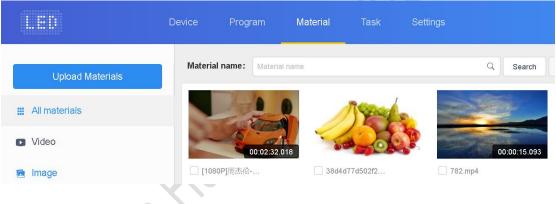
Fixed duration:	0 second			
Play time:	08:00:00 - 18:00:00	Play Date:	2020-07-01 - 2020-07-01	
Play week:	on Sunday	Monday Friday	<ul> <li>Tuesday</li> <li>on Saturday</li> </ul>	Wednesday

#### 3-26 Broadcast program control2

Note: After modifying the control options of the broadcast program, you need to republish the program.

#### 4. Material management

In the Material list, you can preview the information of all Materials by default, and you can also filter and preview by pictures and videos, 4-1. Click on a picture or video to enlarge the preview. In the unreviewed material, you can view the uploaded material but unreviewed material.



4-1 Material management list

In list to save time, you can upload the Materials to be played (pictures, videos) to the server in advance, and directly call the Materials on the server during the editing process, which reduces the waiting time and effectively improves the efficiency.

Click the button in the upper left corner of the Material

list "Upload Materials" In the dialog box that pops up, click the "Select" button to select the Material to be uploaded



#### **Upload Materials**

 $\times$ 

Off

## ଦ୍ଧ Select

Max file size is 20M for image and 2G for video. Uploading larger than file upload size limit will not complete.

It is strictly forbidden to use this platform to upload and disseminate violent, terrorist, pornographic and other illegal information. Once discovered, it will be handled strictly in accordance with relevant laws and regulations.

#### 4-2 Upload Materials

In the Select File dialog box, find the file to be uploaded. Click "Open" to start the upload and display the upload progress bar. After the upload is successful, a message will be displayed. 4-4



#### 4-4 Upload results

#### 5. Publish logs

You can view all records and unapproved records in the task list.

#### 1) Publish task list



You can view the creator of the program, the time of creation and the status of the task in the list of published tasks, 5-1.

ID	Types of	creator	Create the time	Task statu s	Event content	Statistics	Actionable option
11490	Update pro gram	fang	2020/06/30 20:58:52	Completed	A6	1/1/0	C detailed
11489	Update pro gram	fang	2020/06/30 20:55:02	Completed	A6 Empty the show	1/1/0	C detailed
11464	Setting para meters	fang	2020/06/30 19:19:24	Completed	Time setting	1/1/0	C detailed

#### 5-1 task list

Among them, the statistical status: A/B/C, A represents the total number of tasks (devices); B represents the number of successful transmissions; C represents the number of failed publications.

#### 2) Pending task list

When the sub-user does not have the permission to pass the program management module, the published program needs to pass the review, which is reviewed by the registered user or the user with the permission to pass the device, and then submitted to the platform administrator for review.

Registered users have the review right by default, and the published tasks will be directly submitted to the platform administrator for review;

Registered users can choose to give sub-users the right to audit or not to grant audit, 5-3.

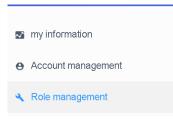
	I.ED	equipment	Program Material Task Set u	p			fang drop out				
	📷 my information	New role									
	Account management		character name	Change the time	Create the time	creator	Actionable option				
	e vocount management		609 Auditor		2020/07/01 10:22:10	fang	edit Authority delete				
	<ul> <li>Role management</li> </ul>	-	Permission settings			×	edit Authority delete				
			Configuration Order Delete	order opdate		fang	edit Authority delete				
							Totel 3 Article C				
			Program		🗹 select all						
			🗹 Get program list 🛛 New program 🗹 🛙	New program 🗹 Delete show 🗹 Program editor							
			Show release Program cancellation V New program list Program update								
			Z Program list delete								
<u>C)</u>			Resources		🗹 select all						
			Resource upload View resource list	Delete resource							
			Task		🗹 select all						
			Browse tasks I Task and event cancella	ation Task review							
					cancel						

5-3 Permission settings

#### 6. Setting management

Setting management includes me, account management and role management, 6-1.





6-1 settings

#### 1) My information

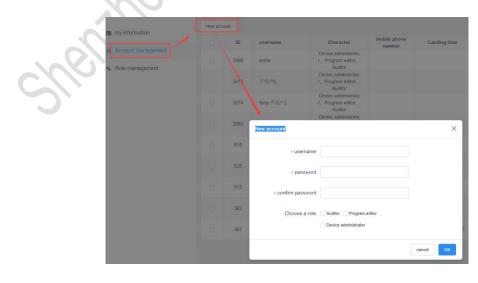
In the "me" information, you can view my account ID, user name, business name, mobile phone number, email and authentication settings, etc., 6-2.

Account ID: 291	user name: fang	Company Name:
mobile phone 15549424556 modify number:	mailbox: 2737658062@qq.com modify	Character: Enterprise administrator
Last login: 2020/07/01 09:58:15	Last login IP: 113.91.145.218	

Among them, two-factor authentication, that is, login password + mobile phone / email verification code can log in.

#### 2) Account management

Click "New Account" in the upper left corner to create a new sub-user, 6-3. Then click Edit to the right of the user and select Modify Role, 6-4. Select the system's default role-auditor/program editor/Device administrator or a role created by yourself.



6-3 New sub-user



	3088	asd	ler	Device administrato r, Program editor, Auditor				edit delete
	2412		∄户5	Device administrato r, Program editor, Auditor				edit delete
м	odify role			Device administrato			×	edit delete
		ID	character name	Change the time	Create the time	creator		edit delete
C		609	Auditor	2020/07/01 11:21:36	2020/07/01 10:22:10	fang		edit delete
C		608	Program editor		2020/07/01 10:22:10	fang		edit delete
C		607	Device administrat or		2020/07/01 10:22:10	fang	_	edit delete
C								edit delete
C							198.9	edit delete
							_	Total 9 Article < 1 >
						cancel	ок	

#### 6-4 Modify role

### 3) Role management

Users can use the system's default role-auditor/program editor/Device administrator, and then modify the role permissions to check which item, change the role will have which permissions, 6-5. Or create a new role and then modify the permissions.

my information	New role							
		ID	character name	Change the time	Create the time	cre	eator Ac	tionable option
Account management		609	Auditor	2020/07/01 11:21:36	2020/07/01 10:22:10	fa	ang edit	Authority delete
Role management		Per	mission settings			× fa	ang edit	Authority delete
		e	quipment	fa	ang edit	Authority delete		
		-	Update device grouping  Delete device New configuration sheet Configuration Configuration Order Delete	e group Configure si n Order Update	✓ select all m editor ✓ Program update		Total	3 Article (1)

6-5 Permission settings



#### PS: Cloud platform device binding instructions

1. Register an account

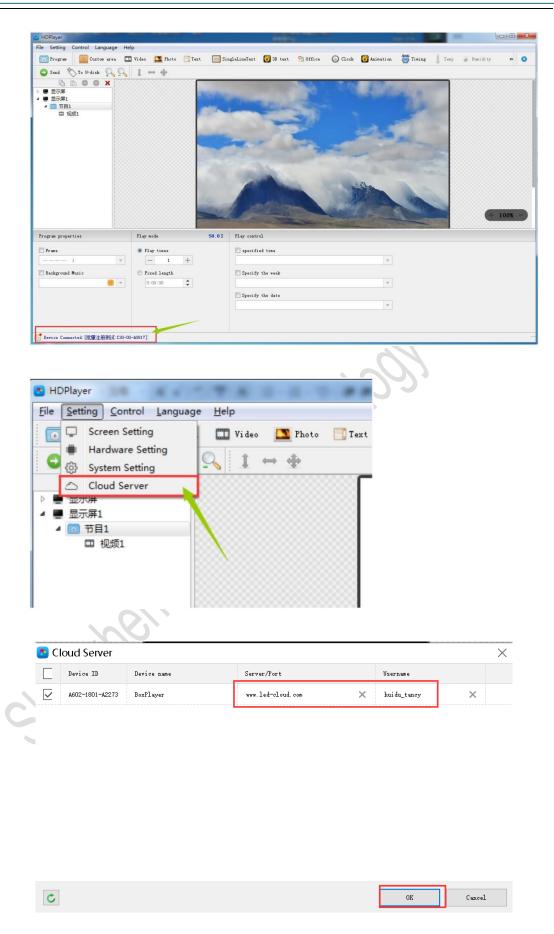
Access the cloud management platform server through the browser: <u>www.led-</u> <u>cloud.com</u>, register an account, you can skip this step if you already have an account. (Note: One account can bind multiple control cards, not one control card can only be bound to one account)

	register account
* username	4-20 characters, beginning with a letter, cannot contain Chin
* password	Must contain uppercase and lowercase letters and numbers
* confirm password	please re-enter the password
company name	Please enter the company or team name
telephone number	Please enter the associated mobile phone number
* mailbox	Please fill in the correct email address
* Captcha	Captcha get verification code
	agree"Terms of Service and Privacy Policy"

2. Account and control card binding settings

Connect the control card to the computer with a network cable, open the full-color debugging software HDPlayer, and after the screen debugging display is normal, click [Settings]-[Cloud Server] to set the server address and user name.





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3. Connect the control card to the Internet

Control card access to the Internet: 1). Connect via 3G/4G; 2). Connect directly to the control card via a network cable capable of Internet access; 3). Bridge to an existing wireless network capable of Internet access via a Wi-Fi module

4. Control card online

Log in to the cloud platform server and display the newly bound device in the list of unaudited devices in the device catalog. The green icon for the online status indicates that the device is currently online, and the gray icon indicates that the device is offline.

Device	e List Device ma	p					
evice IC	D. Device name	search All ~	delete Separate	Group Bundled progra	m list Time correction Bri	ghtness setting More	Configuring sing
	Device ID	Device name	Resolution	Firmware version	device.activeTime	Program list	Actionable option
	C15-00-A1202	测试勿动-fang	128x128	7.2.31.0	<ul> <li>✤ 2020/07/01 11:33:10</li> </ul>	Unbound	detailed Geographic location
	B6-00-A8685	霞-专用	128x128	7.3.1.0	♣ 2020/07/01 11:32:59	Unbound	detailed Geographic location

# Note: If the device still cannot go online, use the following methods to troubleshoot the problem.

- Check whether the address and user name in the server settings are correct. The user name must be the user name filled in during registration. You cannot use full-width input. You cannot fill in the mobile phone number but you can use it to log in to the cloud platform server.
- ◆ If using 3G/4G access to internet
  - Check whether the SIM card is inserted and confirm whether the SIM card is in arrears;
  - Confirm whether the 3G/4G module is plugged in. Check whether the module can be detected in the software. Connect the control card to the computer with a network cable, open the full-color debugging software HDPlayer, click [Control]-[Device Information], if the [3G/4G Settings] option is available in this interface, the module connection is normal.
  - Check whether the 3G/4G signal is normal, you can check the signal strength in [3G/4G Settings], if the signal strength is less than -110dBm, it means no signal, the signal is normally in the range of -50dBm~-90dBm or greater than -50dBm;



		🕒 HDI	Player			1				
		File	Setting	Con	trol <u>L</u> ang	uage	Help			
			Program	💫 Exporting to U-disk					🛯 Photo	Т
								-	•	
			Send		Cluster Se	luster Sending			₩	
			6	-ğ:	Brightness	s Setti	ng	$\mathbf{N}$		
			显示屏 显示屏1	Ð	Time Corr	ection	1	1888	<b>`</b>	
		4	10 节目	O	Time Swite	ch		1000		
			친		Update D	evice	Name	1888		
				000	Screen Tes	_		100		
				6	Firmware		ting	1000		
				_	Other sett	ing	· ·	1888		
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		Sel	ion ect device:	4601-14	06- <b>A</b> 0984 1	前台 A601	+4G		• •	c
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		Brightness settin	e							
		Time correction		3G / 4G network						0
		Switch machine se	ttings	Module EC20		EC20				
		Network settings		cellphone number						
		~			network st		LTE-FDD			illi
				othe	r informatio					
					Key fund		Screen Testing			Edit
					Brightness se		Not accessed			
					Temperature Se		Not accessed			
					Humidity Se					
						PS +	Not accessed			
		(								
	S Device Inf		1001 1000	10001	***					•
		Select device:	A601-1606	-AU984	前台 A60	1+4G			• •	0
	Device Info	rmation	APN							
-5			APN		APN	3gne	t		1 0	
6	Brightness	setting	APN	Mob	APN ile number:	3gn e	t		1 0	
Ŕ		setting	APN	Mob		3gne -24dl			/ 0	111
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6	Brightness Time correc	setting ption hine settings		Мор	ile number: RSSI: Operator:	-24 di CHN-1	im INICOM		1 0	att
6	Brightness Time correc Switch mach Network set	setting ption nine settings ttings		Мор	ile number: RSSI: Operator: Roam:	-24 dI CHN-U Non-7	hm NICOM • owning		. 0	util
6	Brightness Time correc Switch mach Network set 3G / 4G set	setting ption hine settings ttings ttings		Mod	ile number: RSSI: Operator:	-24 di CHN-1	hm NICOM • owning		/ 0	atti
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6	Brightness Time correc Switch mach Network set 3G / 4G set	setting ption hine settings ttings ttings reen	APN		ile number: RSSI: Operator: Roam: Network:	-24 dH CHN-U Non-2 LTE-H Regis	im NTCOM 'ouming DD			atl
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6	Brightness Time correc Switch mach Network set 3G / 4G set startup sor	setting ption hine settings ttings ttings reen	APN		ile number: RSSI: Operator: Roam: Network: Status: nuufaoturer:	-24 dl CHN-1 Non-7 LTE-1 Regis Queot 86832	m NICOM coaming DD iter :el EC20			

Note:some SIM card need to set the APN,can ask the SIM card operator.



- > The network port of the control card debugging can not be connected to the computer, just unplug the network cable.
- For network cable connection, please confirm whether the network cable can access the Internet normally

5. Quick troubleshooting of 3G/4G problems with DxO, CxO and other control cards

The new version of D15/D35/C15/C35 adds 3G/4G/WIFI module indicator to the board. According to the indicator status, you can preliminarily judge the working status of the module



The LED indicator has five states: off, flashing red, red, yellow and green. The details are as follows:

1) The Lamp is off

- A. When the network cable is connected, the network cable has priority and the lamp is off
- B. The 3G/4G module cannot be detected and the lamp is off.
- 2) Red Lamp flashes
  - A. No SIM card detected, red Lamp flashes
- 3) Red Lamp always on
  - A. No signal, the red lamp is always on
  - B. The SIM card is not in arrears but there is no flow, and the red lamp is always on;





- C. The SIM card is in arrears and there is no data. The red lamp is always on.
- 4) Yellow lamp is always on
  - A. The SIM card is in arrears but has traffic, the yellow lamp is always on

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- B. Unable to connect to the server, the yellow lamp is always on
- 5) Green lamp always on

Normal operation, the green lamp is always on.

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