ILEDCloud Multimedia Information Release Platform Detailed user manual

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Writing Instructions

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1 introduction

1.1 Compile Purpose

The purpose of writing this detailed user manual is to fully describe the functions and operating environment that iLEDCloud multimedia information publishing platform can achieve, so that users can have a detailed understanding of the scope and usage methods of this platform, and provide answers to some questions that may arise during use.

1.2 project background

With the continuous development of LED technology, more and more LED screens are appearing on the streets and alleys of cities. How to better manage and update the playback content of these LED screens in a timely and fast manner has become an urgent problem for screen managers to solve. The iLEDCloud multimedia information publishing platform is developed by Suzhou Yunping Media Technology Co., Ltd., a wholly-owned subsidiary of Shanghai Yangbang Technology Co., Ltd. It is an efficient, fast, and integrated LED advertising management and publishing platform. This platform has powerful ad editing functions such as immediate editing and broadcasting, and what you see is what you get. It integrates all resources such as materials, screens, and programs for unified management and sharing.

1.3 Definitions

List the definitions of specialized terms and the original meanings of abbreviations used in the manual.

Serial Numbe r	abbreviation	Explanation/Definition	Full Name	Chinese translation
1	PID	Product serial number of LED multimedia player	Product ID	Product identification number

1.4 reference material

document number	document name	Author/Reviewer	VERSION	notes
	Quick Guide to iLEDCloud Platform	Li Shenshen, Bai Jie, Yu Tianyu	v2024.12.19	

■ other

number	document name	Author/Revie wer	Release Date	Publisher	notes

2 Platform Overview

2.1 target

The goal of this platform is to manage and update the playback content of LED screens and LCD commercial display screens in a timely and fast manner.

2.2 function

This platform has powerful ad editing functions such as immediate editing and broadcasting, and what you see is what you get. It integrates all resources such as materials, screens, and programs for unified management and sharing.

2.3 performance

This platform adopts a distributed design with elastic scaling effect.

3 Operating environment

3.1 hardware

The hardware requirements of the platform for the operating environment are to use a computer with a memory of at least 2G and a CPU model of at least i3-3220, which can be connected to the Internet.

3.2 support software

This platform can run on any operating system on a computer, and users only need to install Google Chrome, version 45.0 or above, or Firefox, version 30.0 or above, under the operating system.

4 preparation in advance

Before starting to use the iLEDCloud multimedia information publishing platform, users need to connect their LED multimedia devices to the local area network, set the device's IP address and WEB mode, and obtain the device's identification code. The above operations require the use of the controller provided by Onbon Technology along with the PC software.

4.1 Install supporting PC software

4.1.1 Download installation package

Users need to access the official website of Yangbang (http://www.onbonbx.com/) Click on 'Download Center' on the homepage. In the left navigation bar of the download center page, find the software download module. According to the controller model required by the user, select the corresponding matching PC software. Click on "Multimedia Player Matching PC Software" for YQ or Y series controllers, select the latest software with a version number greater than 18.9.29.1, as shown in Figure 4.1-1. Click on "Single and Dual Color Controller Matching PC Software" for 6th generation controllers, select the latest software with a version number greater than 18.10.19.0, as shown in Figure 4.1-2, and then click to download the latest version of the matching PC software. (Note: This multimedia software can only run on the Windows system)



File Name		Instructions	File Size	Download times	Download
Ledmedia Y series IOS APP		Support Y yand C s series controller	1.66K	1488	Check
V1.1.10/20220103		Support Y vano C is series controller		1400	\pm Download
LedshowYQ			224.05M	1905	@ Check
V23.05.15.01			224.50m	1999	\pm Download

Figure 4.1-1 YQ Software Download Page



Figure 4.1-2 Download page

4.1.2 Install editing software

After downloading the software installation package, the software installation begins. The installation process of TW software is the same as that of YQ software. The following will introduce the installation process of YQ software.

1 Extract the downloaded file, run the installation package, select the language used by the user, click OK, and then click Next on the installation wizard interface.

选择语言		×
BX	选择安装时使用语言:	
	English	~
	确定	取消

Figure 4.1-3 Language Selection

2 Select the installation directory for the editing software.

elect Destination Location	51
Where should LedshowYQ be installed?	
Setup will install LedshowYQ into the following folde	ır.
To continue, click Next. If you would like to select a different fo	older, click Browse.
C:\Program Files (x86)\Onbon\LedshowYQ	Browse
At least 468.4 MB of free disk space is required.	

Figure 4.1-4 Select installation directory

3 Click to install.

🜆 Setup - LedshowYQ

Ready to Install

Setup is now ready to begin installing LedshowYQ on your computer.



-

Click Install to continue with the installation	, or click Back if you want to review or change
any settings.	

10
 2

Figure 4.1-5 Preparation for Installation

4 Installation completed.

_





4.2 Configure to obtain device parameters

After installing the accompanying PC software, users need to power on the multimedia player and connect it to the same LAN as the computer where the editing software is installed. Please keep the device and computer on the same network segment. Then you can use editing software to configure and obtain the parameters of the device.

4.2.1 Configure the WEB mode of the device using YQ software

1 Open LedshowYQ multimedia editing software (hereinafter referred to as YQ software), click on "Settings" on the menu bar, select "Set Screen Parameters", click on the "Add Screen" button, select "Online Controller List" and choose the screen you want to add, then click "Add".

ren List	Screen Par	rameters Scan Configuration Conr	ect Configuration		
合 分組-1	Screen	Name			
	Screen-	1			
	Series	Add screen	×	BX-	Y2L
	Y seri Width	Online card list			
	512 IP Add	Series Type	BX-YQ3A	8 1	0 -
		YQ series - 8X-YQ3A -			
	Barco	Width Height	Start and		
		192 🗘 128 🌲			
		IP Address		Control area	1024*256
	🗆 No	192 . 168 . 0 . 205	Control area 1280°1024		10.05
	cor	Screen Name	Max width 1920	Max width	4096
		Screen-2	Max height 1024	Max height	2048
		Install Address		L	
		BX-YQ3A			
			l	ck	Set parameters
		Add all screen	Add Close		
	Cros				

Figure 4.2-1 Add Screen Interface

2 After successfully adding the screen, as shown in Figure 4.2-2, click on "Settings" on the menu bar, select "Controller IP Configuration", and enter the password: 888



Figure 4.2-2 Open IP standalone configuration

Password		>
Please Enter the	Password	
1		
	OK	Cancel

Figure 4.2-3 Enter Password

3 In the controller IP configuration interface, users can modify the device's IP address (recommended to use "automatically obtain IP address"), check "server configuration", select "WEB server", Chinese users should select "China Station", international users should select "International Station". If the user fills in "username" (email or phone number used for platform login) and "installation address" (customizable, using identification screen), as shown in Figure 4.2-4, then click "settings" (note: when configuring IP standalone, please ensure that only one device is connected to the current local area network). When this controller is connected to the network, it will be automatically added to the corresponding user's name without the user manually adding the screen.

 Automatically obtain IP ad Use the following IP address 	dress	
IP Address	Subnet Mask	
192 . 168 . 0 . 205	255 . 255 . 2	55.0
Gateway		
192.168.0.1		
China	O Internation	al
Server IP Address	3800	
T39 , 190 , 231 , 190	ETD report port	
139 . 196 . 231 . 196	2121	-
User name	1	

Figure 4.2-4 Controller IP Configuration Interface

4.2.2 Configure the W EB mode of the device using TW software

1 Open the TW software and click on "Set Screen Parameters" in the "Settings" menu bar.



Figure 4.2-5 Open screen parameter settings

2 Select the corresponding model based on the connected controller and choose "WEB communication" as the communication mode.

🚱 Parameters Setting		×
Screen list	Screen parameters Scan Configuration	Main Performance
 → 分组1 → 分组1 → 日子 部幕 → 6A08:4G → 6A08:4G	Screen Name Install position ID 6E1XP 12 12 Controller Series Controller Type Sub Type BX-6 Series BX-6E1XP Common	BX-6E1XP 1.Maximum pixels: Single-color 512X dots(524288) Two-colors 256K dots(262144) Three-colors 160K dots(163840) 2.Display Mode: Single-color 2048*256, 1024*256 Two-colors 2048*256, 1024*256
	Screen width Screen height Screen Color 192 128 Three colors Image: BLack screen when No valid program	Three-colors 2048*80, 512*320 3.Communication interface: 100M Network/RS232/RS455/USB 4.Sensors: Temperature/Humidity/Noise 5.Timer support 6.Support full-screen test Barcode: 6E1XPKA20250321A
60/4P 	Barcode 6E1XPKA20250321A Bind of controller Controller IP configuration U disk configuration GPRS/DTU http://www.iledcloud.cn	Cable connection EIA/TIA-568B
⊂ ■ X	Parameters Read-back Write parameters	Setup
		Close
	The 888 permission mode, the computer a	lowed to connect a screen!
h.	1	

Figure 4.2-6 Configuring Controller Model and Network Mode

3 If using a 4Gm type, you can select "4Gm" in the sub model and configure it using a USB flash

drive

🐼 Parameters Setting					×
Screen list	Screen parameters Scan	Configuration			Main Performance
 □ 分组1 □ 日 市 幕 □ ● 6A08:4G □ ● 6A08:4G □ ● 6M3P □ ● 6E1X-01 ● 6E1X-01 ● 6E1X-01 	Screen Name 6E1XP Controller Series BX-6 Series	Install position Controller Type BX-6E1XP	Sub Type 4Gm 💌	ID 12 Communication Mode 4G DTU communicat	BX-6E1XP 1.Maximum pixels: Single-color 512K dots(524288) Two-colors 256K dots(262144) Three-colors 160K dots(163840) 2.Oisplay Mode: Single-color 2048*256, 1024*256 Two-colors 2048*128, 1024*256
	Screen width 192	Screen height	Screen Color Three colors		Three-colors 2048*80, 512*320 3.Communication interface: 100M Network/RS232/RS485/U58 4.Sensors: Temperature/Humidity/Noise 5.Timer support 6.Support full-screen test Barcode: 6E1XPKA20250321A
	DTU communication config 4G Number BX-4G000012 U disk configuration	Juration Packet Size [1400(Recommend) 💌	Packet interval 100(Recommenc ▼ ms	Baudrate 57600	Cable connection BIA/TIA-588B
► ■ ×		Pa	rameters Read-back	Write parameters	I6.0
			The 888 perr	mission mode, the computer all	owed to connect a screen!

Figure 4.2-7 Configuring a 4Gm Controller

4 Click on the 'Web Configuration' button. In the IP configuration interface, fill in the IP address of the controller. For Chinese users, please select "China Station", and for international users, please select "International Station". After filling in, click the "Settings" button. (Note: Only one device can be connected to the local area network during setup)

ibnet mask 55.255.255.0
i server-3G 🕟 WEB server
C International
Server port
3801 🚔
Heartbeat interval
Don't send heartbeat
Install Address

Figure 4.2-8 Configuring Controller IP and Server Information

4.2.3 Obtain the identification code or barcode of the device

In the YQ software settings ->settings screen parameters, users can obtain the barcode of the device, as shown in Figure 4.2-9. Barcode labels will also be affixed to the body of the controller. If the user can obtain both the identification code and barcode in the screen parameter settings of YQ software, the barcode will be given priority when adding screens in the future. If the user can only obtain an identification code, enter the identification code when adding the screen.

reen List	Screen Parameters Scan Configu	ration Connect Configuration		
 → 分組-1 → 分組-1 → C2 → Y1 → Y04 → Y3E → YQ5E → Y08 → C08A → 屏幕-13 → F幕-14 → Y1L → Y1A → Y3A → Y1A. → Y3A 	Screen Name C1A Series C series Width 192 IP Address 169 . 254 . 88 . 172 Barcode 0181052404250016DD2F7A3 Rev.C No program black screen(A	Type BX-C1A Height 192 IP configuration power-off restart of the take effect)	BX -	C1A 1024*600 7968
ジ YQ3A ジ 屏幕-18 ジ C1A-广 	Cross	Parameters re	Max height ad-back	2048 Set parameters
				<u>Alexe</u>

Figure 4.2-9 Obtaining Barcode

The barcode of the 6th generation controller can be viewed on the controller body, as shown in Figure 4.2-10.



Figure 4.2-10 6Q Controller Barcode

4.2.4 Configure the WEB mode of the device using the four in one software

1. Open the LedShow multimedia editing software (hereinafter referred to as the four in one software), click on "Device" ->"Online Screen Search" ->Add the screen that needs to be configured in the menu bar, as shown in Figure 4.2-11



Figure 4.2-11 Online screen search-

2. Click to enter the online search pop-up box, as shown in Figure 4.2-12. Select the option to

configure it on the screen and click the add button to add it to the homepage.-

vice list		Device information
] 🚨 BX-6E3Pro	806E3R2503030001 0 < Ch	eck the box
BX-Y1L	C0Y1L02004210017	Series:
J 🖀 BX-Y1A] ♣ BX-Y3A	C0Y1SW2004230020 C0Y3A02207290001	Type:
] 🚡 BX-C08(C08S)	0181022410210001DC366531	Screen color:
] 🚨 BX-C2	01810622110800010C77F342	Width:
		Height:
		Ethernet IP:
		AP IP:
		Olick to add

Figure 4.2-12 Online Screen Search - Add Screen-

3. Click on "Device" ->"Manual Screen Addition" ->in the menu bar to enter the "Manual Screen Addition" interface, as shown in Figure 4.2-13. In the "Screen Name" section, the name can be modified, and the barcode is the device number of the controller itself. Under "Series" and

"Type", select the corresponding controller series and specific model. Under "Screen Color", select the corresponding screen and click "Add". As shown in Figure 4.2-14.

🏠 Home	Device	🗈 Cont	tent	Batch						Ledshow Suite
Group Offline Scr	reen Search online	Communication	Screen setting	Reset screen	Reboot	U Turn on	CO Turn off	Time for switch	Correction time	Brightness
▼ Group-1 ↓ AScreen-1(BX-6E3Pn ↓ Screen-2(BX-Y1A) ↓ 屏幕 3(Unknown) ↓ 屏幕 4(Unknown)	0)									
		Figure	e 4.2-13	Manual s	creen a	ddition	-			
	🖵 Ma	nual add sc	reen			-		×		
	Scree	en name			Scr	een-5				
	Serie	S			6 9	Series		~		

Type

Width

Height

Screen color

Figure 4.2-14 Manual Screen Addition - Add Screen-

Add

BX-6A0

1024

32

Single color

V

*

+

Cancel

4. Check the control card that needs to be set, click on "Device" ->"Communication" ->in the menu bar to enter the "Network Configuration" interface, as shown in Figure 4.2-15. Configure the communication of the control card, and select "fixed IP", "single machine direct connection" or "serial port" mode for communication under "communication mode". Select the "Fixed IP" mode, and in the "Set Network" drop-down list, you can choose "Ethernet", "Wifi", "AP" or

"Custom". If you choose "Custom", you can fill in the IP address and port parameters by yourself. After setting up, click "OK". As shown in Figure 4.2-16.

â	Home	Device		Content	Batch					
Group	Offline Screen	Search online	Communication	Creen setting	Reset screen	Reboot	U Turn on	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Time for switch	Correction time
♥ ■ Group ↓ ASC ↓ Scr ↓ 開業 ↓ 開業	-1 Teen-1(BX-GE3Pro) een-2(BX-Y1A) I-3(Unknown) I-4(Unknown)									

Figure 4.2-15 Enter Settings Communication

Communication mode	Network option
Fixed IP	O Direct
Network	Ethernet ~
IP I	192 168 0 200
Port	80 ‡
N 1	

Figure 4.2-16 Setting Communication-

5. Network configuration can be selected as "Ethernet", "Wifi Station", "Wifi AP" or "Server".

Taking the server as an example, check to enable the server. The server address can be selected as Cloud Screen China Station, Cloud Screen China Station (C series), Cloud Screen International Station, Cloud Screen China Station (single and dual color), Cloud Screen International Station (single and dual color) and Cloud Screen System. After setting up the communication method and network configuration, click on the write device button, as shown in Figure 4.2-17.

Comm	unication mode		Network option			
themet	Wifi Station	Wifi AP	Server	MAC		
Enable	server					
ierver addr	ess		LEDCloudChines	e(Y) ~ +		
Address			device.iledcloud.cn			
Port			3802 ‡			
Heartbeat I	nterval(s)		20			
User name	-					

Figure 4.2-17 Setting Network-

6. Check the control card that needs to be set, click on the device ->settings screen parameters ->enter password 888 in the menu bar to enter the screen settings interface. As shown in Figure 4.2-18.



Figure 4.2-18 Set screen parameters button

7. In the "Screen Settings" interface. After setting the width and height, click on "Settings"

and "Save". As shown in Figure 4.2-19.

Group-1	Screen option Scan o	onfiguration						
AScreen-1 (BX-6E3Pro) Direct	Screen parameters							
Screen-2 (BX-Y1A)	Screen name	AScreen-1						
- 屏幕-3 (OVP-A10)	Barcode	B06E3R2503030001						
Direct	Series	6 Series	~					
口 屏幕-4 (OVP-MT10) Direct	Туре	BX-6E3Pro						
	Screen color	Single color						
	Width	1024	0					
	Height	512	•					
	Control area	1048576						
	Max width	8192						
	Max height	1024						
	Screen grayscale	0-level grayscale	~					
	HUB	HUB512	~					
	Screen number	1	•					
	Baudrate	57600	~					
	Rotation angle	0°	~					
	Black screen when ther	is no active program	and any at the last	off of 1				
	(ma runcoon needs contro	er to be powered off and restarted t	refore it takes	Import device parameter file	Export device parameter file	Read back parameters	Set	ļ
							0	į

Figure 4.2-19 Setting Screen Parameters

5 Platform Usage Instructions

5.1 Login

Please log in using Google Chrome or Firefox browser http://www.iledcloud.com Click the Login or Register button in the upper right corner of the iLEDCloud multimedia information publishing website to enter the login interface of the iLEDCloud multimedia platform publishing platform.



Convenient Legible Straightforward



Figure 5.1-1 Opening the Platform

5.1.1 register

For users who have never used this platform before, you need to register. This platform provides enterprise user registration and individual user registration. Users can register as needed according to their own needs. The registration interface is shown in Figure 5.1.1-1.

Individual		En	terprise		
Enterprise Name:					
Uniform Social Credit Code :					
Name :					
Password :	Must contain 6-14 up				
Confirm Password :					
Verification Code :			P0++		
	Phone verification		Email verification		
Phone number :	china+86 👻				
Phone Verification Code :		MS verification cod	Send verification code		
		I have read a	nd accept User protocol		
	Re	gister Now			



1 Enterprise users

This platform provides two registration methods for enterprise users: mobile phone number and email. When registering as a corporate user, it is necessary to fill in the company name, organizational code/unified social credit code. Users who register using their mobile phone number or email will receive a dynamic verification code. After completing the verification, they can log in using their mobile phone number or email.

After successful registration, the role of enterprise users is business administrator. There are 8 major functional modules for enterprise users, namely Program Manager, Material, Screen, Payment, Equipment, Usage, System Settings And Advanced Features. The Program Manager

module is mainly used for program creation, editing, and other operations. This module is subdivided into Program list, Playlist, Program Approve, Program Release. Material mainly involves adding and modifying materials. Material is mainly used for adding and modifying screens, and this module is divided into Screen control, Screen initialization, Firmware, and Controller. Paymen is mainly responsible for purchasing and viewing packages, and this module is divided into Package, Order, and Coupon View. The main purpose of equipment operation and maintenance is to facilitate users to quickly understand the status data of the screen and compare the power on and off data of the screen. This module is divided into operation statistics and screen operation and maintenance. Usage management mainly involves operations related to capacity and traffic, which are further divided into capacity management and traffic management modules. System management mainly involves modifying the organizational structure and permissions of users. This module is divided into user management, organizational structure management, role permission management, system log management, controller log management, notification management, My Work Orders, task supervision, and playback logs. The advanced functional modules are subdivided into: electronic fence, regional publishing, secondary development, synchronous combination, cloud monitoring, warning management, sensor management, digital monitoring, playback statistics, and automatic publishing tasks.

Enterprise users refer to business administrators who can independently add new users (without the need for platform registration) and modify the role permissions of users under their organization. The platform defaults to the following four roles: business administrator, program producer, program reviewer, and program publisher. The program can be subcontracted to different users from creation to review and publication.

2 Individual users

This platform also provides two registration methods for individual users: mobile phone number and email. Individual users who register using their phone number or email address are required to provide their personal phone number or email address during registration. The platform will send a dynamic verification code to verify the authenticity of their phone number or email address. After completing the verification, the user can log in to the platform using their phone number or email address.

There are 8 modules under individual users, including program management, material

management, screen management, paid services, equipment operation and maintenance, usage management, system management, and advanced functions. The program management, material management, paid services, equipment operation and maintenance, and usage management modules for individual users are the same as those for enterprise users, except that there is no controller management in screen management.

In system management, individual users only have system log management, controller log management, notification management, My Work Order, task supervision, and playback logs, without user management, organizational management, or role permission management. Individual users can only view their operation records in the system management module and cannot perform any other operations on their own accounts.

5.1.2 log on

After completing all registration procedures, users can log in to the iLEDCloud multimedia information publishing platform using their phone number or email. The verification code on the login page can be clicked to obtain a new verification code image.



Figure 5.1.2-1 Login Interface-

Users who have bound their phone numbers can use their phones for quick login. Simply click on "Quick Login" on the login page of the platform to jump to the quick login page, as shown in Figure 5.1.2-2.



Figure 5.1.2-2 Quick Login

Users who have bound WeChat mini programs can use the mini program to scan codes and log in. Simply click on "Scan Code Login" on the login page of the platform to jump to the scan code login page, as shown in Figure 5.1.2-3



Figure 5.1.2-3 Scan Code Login

When the user forgets their login password, they can click on the forgot password link on the login page to enter the password recovery page, as shown in Figure 5.1.2-4. Users only need to enter the phone number or email address filled in during registration, click to obtain the verification code, enter it and click submit to enter the new password setting page, as shown in Figure 5.1.2-5. Users can set a new password, and after setting it, they can use the new password to log in.

Find password 扱广告 更方便	1			中文 English	LOGIN	Register
-	Authentication	2 Reset Password	3 Complete	_		
	Phone/Email:					
	Verification Code :		986+			
	Phome/Email verification code :		Send verification code			
		Submit				



1000 1000 1000 1000 1000 1000 1000 100	Find password				中文 English	LOGIN	Register
		O Authentication	2 Reset Password	Complete	_		
		New password :	Please enter new password				
		Confirm password :	Please enter the confirm password				
			Submit				

Figure 5.1.2-5 Retrieve Password - Set New Password

5.2 home page

The user successfully logs in and enters the homepage. They can access the corresponding page through the menu button of all functions on the homepage, or return to the old version of iledcloud. As shown in Table 5.2-1



Figure 5.2-1 Homepage Table 5.2-1 Homepage Button Function Annotations

button	Function Introduction
GHome	After clicking on other pages, you can be redirected to the homepage.
	All function buttons, move the mouse in to expand all functions, and click to enter the
	corresponding page.
愈	Navigation bar function settings, click to pop up the navigation bar function settings
	pop-up window.
(Cold version (7)	Return to the old version, click to jump to the old version of iledcloud.
2	Quick channel setting button, click to pop up a quick channel setting pop-up window,
	where you can set common functions.
Total number of screens: 4	The total number of platform screens, when clicked, will redirect to the screen control
	page.
Online rate: 0%	Screen online rate, click to jump to the running statistics page.

5.3 program management

Users can perform operations such as program production, editing, viewing, reviewing, and publishing in the program management module.
5.3.1 PROGRAM LIST

Users can view all programs on the program list page, as shown in Figure 5.3.1-1. On the left side, program groups are displayed. When the user clicks on the group name, the page will show a list of all programs within that group. Some button annotations on the page are shown in Table 5.31, and programs can be managed through the operation buttons after each program list.-

	gram grouping ①	«	Name		screen model (AJ)		Draw Board Resolution		Editor		Query	
Number of the second			Type (All)		Approving status (AI)		Release status (All)		Creator		QiResot	
Rade Back Back Back Back Back Back Back Back	 New grouping 主席は企业管理集団有限公司 (86) 二原以の恒 (77) 	AI										
Diabalia Section 200 Model Section 200			Name 0	screen model 0	Draw Board Resolution 0	Type ©	Create time 0	Edit time 0	Approving status 0	Release status 0	Operation	
0 2 20011 #8429 6104 0.002 Managa 20011 9124 Agend Meaded 92 0 0 20017 #8429 64.60 0.64.00 0.64.00 Managa 20017 9124 20017 9124 Agend Managa 20017 9124 Managa	2313 (5)] 54245 (0)		20250120-10.04.19	E06-6E138P	128x32,128x54	Multimedia	2025/01/20 10:06:26	2025/01/20 10:06 26	Approved	Not released	10	
2011 5011 <th< td=""><td>9期は(4)</td><td></td><td>20250117-3时此初日</td><td>EX-YOBA</td><td>192x192</td><td>Matmedia</td><td>2025/01/17 03 19:01</td><td>2025/01/17 03:28:59</td><td>Approved</td><td>Released</td><td>Ø 🕀</td><td>1</td></th<>	9期は(4)		20250117-3时此初日	EX-YOBA	192x192	Matmedia	2025/01/17 03 19:01	2025/01/17 03:28:59	Approved	Released	Ø 🕀	1
pdfd8105_01289 soutes 70 10102 Mannais 204/103 173.06 204/105 173.06 Magened Fernancial Fernanc			20241216-6 <i>X</i> -45	EX-6E1XP	128x64	Multimedia	2024/12/16 09:51 35	2024/12/16 09:51:35	Approved	Not released	<i>8</i> 🖯	1
NUME NUME <th< td=""><td></td><td></td><td>yq金版本1026_节日银件</td><td>onbontx-YQ</td><td>192x192</td><td>Mutimedia</td><td>2624/11/25 17:28:06</td><td>2024/11/25 17:28:06</td><td>Not approved</td><td>Not released</td><td>10</td><td>) (</td></th<>			yq金版本1026_节日银件	onbontx-YQ	192x192	Mutimedia	2624/11/25 17:28:06	2024/11/25 17:28:06	Not approved	Not released	10) (
2 261733 261703 261703 261703 261703 Append Reaard \$			yq1026_15日80/4	onbontsx-YQ	192x192	Multimedia	2024/11/25 17:28:05	2024/11/25 17:28:05	Not approved	Not released	Ø 🖸) (
0 050113 05024 050102 050103 050103 06010000 06010000 06010000 06010000 06010000 060100000 0601000000 06010000000 060100000000 060100000000 06010000000000000000000000000000000000			20241125-yq5e	BX-YQ5E	152x128	Multimodia	2024/11/25 15:53 09	2024/11/25 15:53:09	Approved	Released	Ø 🖸) (
1050 50.702 50.702 204705.01.202 204705.01.202 Agened Research P © 1 pablik 1005 80.702 10.0102 10.0102 204705.01.202 204705.01.202 Agened Asearch P © P 2 pablik 1005 80.702 10.0102 10.0102 204705.01.202 204705.01.203 Agened Asearch P </td <td></td> <td></td> <td>20241125-14.01:03</td> <td>EX-C5A</td> <td>192x192</td> <td>Multiriedia</td> <td>2024/11/25 14:04:03</td> <td>2024/11/25 14:04:03</td> <td>Approved</td> <td>Not released</td> <td>1</td> <td>]</td>			20241125-14.01:03	EX-C5A	192x192	Multiriedia	2024/11/25 14:04:03	2024/11/25 14:04:03	Approved	Not released	1]
○ 98/85/05 05/102 10.102 MARMAN 2024/0328.17.05 (M) 2024/0328.07.06 (M) Approved Personal 0 € C 2 26/87/058 06.001 10.64 Marmada 2024/0328.07.05 (M) 2024/0328.07.05 (M) Approved Personal 0 € C			yq1026	BX-YQ5E	192x192	Maltinodia	2024/10/26 03:03:22	2024/10/26 03:03:22	Approved	Released	00	3
ad84405 84.504 10864 Matemba 2020103213219 201 201003513315 Approved Relevand & Company			yg-a)版本1026	EX-YQ5E	192x192	Multimedia	2024/10/26 01:39:06	2024/10/26 02:05:43	Approved.	Released	00	1
			z同步1026	EX-TAXI	128x54	Multimedia	2024/10/26 01 30:15	2024/10/26 01:30:15	Approved	Released	d 🖸	1

Figure 5.3.1-1 Program List

Table 5.3-1 Program List Button Function Annotations

button	Function Introduction
Ø	Edit program button, click to enter the program production page, and users can make
	secondary edits to the program based on its original content. If editing the simplified
	version of the program, a prompt message will pop up. After confirming the
	conversion, you can enter the program production page of the program.
	Preview program button, click to enter the program preview interface, as shown in
	Figure 5.3.1-2.
I+	Copy Program Button to make a copy of the current program



Figure 5.3.1-2 Program Preview Page

5.3.1.1 Preset Program

After adding a controller on the platform, preset programs (including example plain text programs, example image programs, and example video programs) will be automatically added to the program viewing page based on the support of the controller added by the user, to facilitate users to conduct simple program publishing tests on the platform without real name authentication. The preset programs are automatically added by the platform, and users cannot modify, edit, or delete them. Sending the preset programs will not consume the data in the user's purchased package.

5.3.2 New Program

Users can perform operations such as program creation, production, editing, and modification on the new program page of the "Program List". If the user wants to create a new program, after clicking on "New Program" in the upper left corner, as shown in Figure 5.3.2-1, a window for creating a new program will be displayed on the page. After selecting the controller manufacturer, controller product series, program type, program grouping, and drawing board size, the creation of a new program can be completed. You can also create a combination screen program, as shown in Figure 5.3.2-2.

Multimedia programs support users to add multiple sizes of drawing boards, and the platform will calculate the matching rate between the drawing board and the screen according to the corresponding formula. When the matching rate is greater than 60%, the program can be adaptively published to the corresponding size screen. Plain text programs only support adding one size of drawing board, but they are 100% adaptable to screens of various sizes.

lame	20250429-13:56:22				
rogra	am grouping 默认分组	1			
ype	Multimedia				
Ente	r the content and press	Enter			
	Draw Board Resolut	screen model	Screen list		Matchi ng rate
~	192x192	BX-Y3E	C0Y3E	A total of 1 🖽	100%
	1920x1080	BX-3568A	A-固件升级-云屏测试	A total of 4 🖽	0%
	128x512	BX-C1A	C1A	A total of 1 🖽	0%
	192x192	BX-YQ5E	YQ5E-云屏测试	A total of 1 🖽	0%
	208x416	BX-Y08A	Y08A	A total of 1 🖽	0%
	256x96	BX-C08	测试1	A total of 11 🖽	0%
	128x32	BX-6M3P	B06M3P-YY	A total of 1 🖽	0%

Figure 5.3.2-1 Creating a Program

	20250429-13:56:22				
Progra	m grouping 数认分约	E			
Гуре	Combination screen	program			~
Enter	r the content and press	Enter			
	Draw Board Resolut ion	screen model	Screen list		Matchi ng rate
0	3840x1080 (Combine:1x2)	BX-3288A	A-0117-001	A total of 1 ⊞	0%

Figure 5.3.2-2 Combination screen program

If the user wants to modify the existing program, they can click "Open Program" on the Create New Program Wizard window, which will display the existing program, as shown in Figure 5.3.2-3. Clicking "New Program" on this window will return to the window for creating a new program.

Enter the	e content and press	Enter					
Sequence	Name	Program dra wing board	EquipType	Creator	Creare time	Editor	Edit time
165043	20250429-13:44:30	192x192	BX-C1A	100	2025/04/29 13:45:58		2025/04/29 13:45:58
160043	20250120-10:04:19	128x32,128x 64	BX-6E1XP	-	2025/01/20 10:06:26		2025/01/20 10:06:26
159842	20250117-测试诱 导	192x192	BX-Y08A	-	2025/01/17 03:19:01		2025/01/17 03:28:5
157973	20241216-6天气	128x64	BX-6E1XP		2024/12/16 09:51:35		2024/12/16 09:51:35
156405	yq老版本1026_节 目复件	192x192	onbonbx-YQ	-	2024/11/25 17:28:06		2024/11/25 17:28:00
156404	yq1026_节目复件	192x192	onbonbx-YQ		2024/11/25 17:28:05		2024/11/25 17:28:0
156383	20241125-yq5e	192x128	BX-YQ5E		2024/11/25 15:53:09		2024/11/25 15:53:09
156366	20241125-14:01:03	192x192	BX-C1A		2024/11/25 14:04:03		2024/11/25 14:04:03
154643	yq1026	192x192	BX-YQ5E	100	2024/10/26 03:03:22		2024/10/26 03:03:22
154638	yq老版本1026	192x192	BX-YQ5E	100	2024/10/26 01:39:06		2024/10/26 02:05:43
<	1 2 3 4	56>	Go to 1	10/	/page 🗸 Total 52		

Figure 5.3.2-3 Open Existing Program Page

After creating a new program, you will enter the program production page, which is divided into three parts: left, middle, and right, including playlists, screens, partitions, materials, content, and attributes, as shown in Figure 5.3.2-4. The following will provide a detailed introduction to the functions and operations of each part.

@PleyInt	◎ Screen 蕭合25回~1 #### 212回22 自由用。中小2111++1 ###~ ④ ~ #	⊖Attitude @Material @Material square
	5 192/192 B (F	Enter keyward query Q
291410249)		4-Price -4-Sales amount -4-Use Times All
		C All C Merchants C Public Welfere
		Solar Terrm
		in Defout Group(43)
		**** **** 📷 🍋 🐲
		🚓 👘 🧰 👘
		Market Contention
		調告 Windows 時間の第二2005 Windows

1 Left side of the page

The left side of the page consists of a content bar and a playlist bar. The playlist bar is located on the left side of the production page and is used to display all the playlists containing the current program, as shown in Figure 5.3.2-5. Users can not only view all the programs in the playlist, but also edit and modify other programs by clicking on them.

T Content	Playlist		
🔹 🚞 Single	orogram list 2025042	29-14:00:24	
▶ 2025	0429-14:00:24		



The content bar is used to display the tree structure diagram of the program, as shown in Figure 5.3.26-, and some button annotations are shown in Table 5.3.2-6.

T Content	Playlist	
⊡ ↑ ↓ - ►202504	29-14:00:24(#) 🖉	L
tin ate been state at the second state at the	1	
▼ ■ Video ■ 9.	o1 ≔ 8.mp4	
▼ 圖Imag №招	e-text1 商12.jpg≌	

Figure 5.3.2-6 Content section

button	Function Introduction
D	Delete Selected
$\land \downarrow$	Move up and down one layer, and also modify the structural position

	of materials in the partition
Ø	Change program name
=	Edit the list, display the material list under the current partition, and
	perform editing operations
ES	Content settings can open the floating box in the content bar, as shown
	in Figure 5.3.27-
	Edit button to edit the text or table within the partition

2 Middle area of the page

The middle area of the page is composed of the screen section, which is used for partition placement and effect display, as shown in Figure 5.3.2-7. Some of the button annotations are shown in Table 5.3-3. The black part in the middle is the screen, where users can place partitions for editing, as well as add and delete drawing boards.



Figure 5.3.2-7 Screen section

	Table 5.3-3 Screen Button Function Annotations
button	Function Introduction
£	New Program
ß	Open the program
	Save Program (there are "Save Program" and "Delete Program"
	buttons in the submenu)
673%	Zoom ratio, displays the zoom ratio of the current screen, can be
	manually adjusted
L.	Enlarge the screen
R	Reduce screen size
1:1	Display the screen in its original size
K N N	Display all screens
Ŵ	Delete the selected partition
A	Select lock and unlock before moving
	Alignment method, selecting multiple partitions at the same time can
	set their alignment method (there are multiple alignment methods in
	the submenu)
$\Leftrightarrow \lor $	Size assimilation, which can keep the size, width, or height of
	multiple selected partitions consistent (there are multiple size
	assimilation methods in the submenu)
и ^л	Partition extension to full screen, filling the entire screen with
	partitions
$\wedge \downarrow$	Move up and down one layer to adjust the structural position of the
	selected partition
	Non grayscale program preview button, previewing the program
	effects of different base colors (there are "monochrome", "dual
	color", and "tri color" buttons in the submenu)

∢∢	Play, preview the program (there are buttons for "Speed Up Play",	
	"Normal Play", and "Slow Down Play" in the submenu)	
	Publish, click to publish the program	

3 Right side area of the page

The right area of the page consists of a partition bar, a property bar, and a material bar. The partition bar will display the corresponding supported partitions, as shown in Figure 5.3.2-8. Each partition has a different effect, and users can directly double-click or drag to add partitions.



Figure 5.3.2-8 Partition Column

The material bar displays different materials under the corresponding partition, as shown in Figure 5.3.2-9. Users can directly right-click, double-click, or drag to add materials within the partition. Users can also add materials in the material column by simply clicking the add button to upload them.

↓Time ↓N	lame ↓Size				0 t
			Add m	naterial	s → ↔ ≠
New Rich- text	New Pure- text	New table			
🧀 默认分纲	且(40)				
- M		☆ 郑州築济文化 传播有限公司 ************************************	≦ 郑州采济文化 传播有限公司 ™ → → →	测试发送 节目感觉 啊水平提 高技术等	
渊深	S.		测试发布节目		
ATSTE MITAP how are you B		api分区覆盖 测试11111	文字颜色测 试	12345678 91234567 89123456 789123455	▲ 轻舟已过万 重山
河之水天 宋	奔流到海不 复回		-		The second secon
	嗨,大家好, 今天的天气 可不好啊	嗨,大家好	基础屏幕套 餐合12G节 目发送流量	二次开 发、区域 发布、同 步组合	
Č,	d B	啦啦啦啦啦 啦	SIN SEN	Hello,Li	- S
	大家好! 在2022年 2月11 日、祝大				

Figure 5.3.2-9 Material column

The material square displays classified materials, and users can display corresponding materials according to the selected category, as shown in Figure 5.3.2-10



Figure 5.3.2-10 Material Square

The attribute bar will display some attribute values of the current program, selected partition, or material. Taking program attributes as an example, as shown in Figure 5.3.2-11, users can reset the device model as needed. When resetting the device model, users can only select the device model that is within the current program size, as shown in Figure 5.3.2-12. The newly added 'set duration' attribute only takes effect when the program is published on the synchronized combination screen.

Image-text1		
indge text		
Basic attribute		~
Zone name	Image-text1	
Background		~
Background		
color	×	
Background		
image	****	
Zone	100	
Opacity		
Colors borders		
Visibility		
Edge style	V]	
Borders		
Effect	Static 🗸	
Borders	4/5-114	
Speed	I(Fastest)	
Flicker	No flicker v	
Position size		~
Le <mark>ft Margin</mark>	0	
Top margin	0	
Zone width	192	
Zone height	192	
Long holgh		
Adaption		~
Zone Visible		
Scale Mode	Stretch v	
Fant Scole	1	
FUIL SCale	1	

Manufact	urer Shanghai Onbon	Technology	Product serie Y product				
Enter th	e content and press Er	iter					
	Screen size	EquipType	Screen list	Matching rate			
	> 192x192	(Total 4)	(Total 4)	100%			
	> 160x176	(Total 1)	(Total 1)	84%			
	> 128x64	(Total 1)	(Total 1)	0%			
	> 208x416	(Total 1)	(Total 1)	0%			

Figure 5.3.2-12 Modified Model

5.3.2.1 Publish on the production page

Users can perform single program publishing operations on the program production page by simply clicking the publish button on the screen to enter the publishing wizard. Users can select the corresponding model's screen **EDEE**. If multiple screens need to be sent, move the mouse to the group name and a button will be displayed. After clicking, all screens in the current group or available screens can be selected. As shown in Figure 5.3.2.1-1, under the "Available Screens" option, screens with a matching rate of over 60% with the program and supported models will be displayed. Under the "All Screens" option, as shown in Figure 5.3.2.1-2, all screens under the username and their reasons for unavailability will be displayed. Users can click on the left screen group, and all screens under that group will be displayed on the right, as shown in Figure 5.3.2.1-3. If you click 'publish', a publishing task will be generated immediately; If the "Advanced Options" are selected, the user will enter the publishing setup phase of the publishing wizard, as shown in Figure 5.3.2.1-4. If the user selects the "Clean up useless materials" option, unnecessary program material files on the controller will be deleted before the new program is released. If the user

wants the program to be automatically released on a scheduled basis, they need to check the "Scheduled Automatic Release" option. After checking it, the automatic release settings will be displayed. After setting it up, clicking "Finish" will generate a scheduled automatic task.

creen grouping	^	Usabl	le All	Screen na	ime		QQuery
▲ 测试企业管理集团有限公司 □ 默认分组 □ 122		Location		Rem	ark		েReset
→ □ 10.21		Screen nam e ‡	screen mod el ‡	Screen res olution \$	Location	Status ≑	Remark
		C1A	BX-C1A	192x192	河北-奏	Offline; 192x1	
	ł						
		C K	: 1 >	10/page	 ✓ Total 1 		
	~ M	C dultiple pages can be	t 1→ e selected. Selec	10/page tted: 1 screen	V Total 1		

Figure 5.3.2.1-1 Release Single Program Guide - Available Screens

creen grouping	^		Usable	All	Screen na	ime		QQuery
 ▲ 测试企业管理集团有限公司 □ 默认分组 		Lo	cation		Rem	nark		⊲Reset
□ 123 ▶ □ 10.21			Screen nam e ‡	screen mod el 💠	Screen res	Location	Status ≑	Remark
			6E1XP1	BX-6E1XP	128x32	上海-上	Controller mo	
			6E1XP	BX-6E1XP	128x64	江苏-苏	Controller mo	
			yp-Y08a-0117	BX-Y08A	192x192	山东-青	Controller mo	
			C1A	BX-C1A	192x192	河北-奏	Offline; 192x1	
			C1A	BX-C1A	192x192	河北-秦	Offline; 192x1	
			C1A	BX-C1A 1 →	192x192	河北-秦 、 Total 4	Offline; 192x1	

Figure 5.3.2.1-2 Release Single Program Guide - All Screens

Screen grouping	^	Usable	All	Screen na	ime		QQuery
▼ ▲ 测试企业管理集团有限公司							4.0
🖾 默认分组	L	ocation		Ren	lark		- SAKeset
□ 123 ▶ □ 10.21		Screen nam e ≑	screen mod el 💠	Screen res	Location	Status ≑	Remark
		yp-Y08a-0117	BX-Y08A	192x192	山东-青	Controller mo	
		6E1XP1	BX-6E1XP	128x32	上海-上	Controller mo	
		6E1XP	BX-6E1XP	128x64	江苏-苏	Controller mo	
			1 >	10/page	V Total 3		

Figure 5.3.2.1-3 Release a Single Program Guide - Click on the Left Group

Advanced options ×	Advanced options ×
Clean up useless material Simulcast Timing automatic release Additional release From: Start date, can be empty To: End date, can be empty Everyday: OO:00 Initiate Every other: -3 Update once an hour	Clean up useless material Simulcast Timing automatic release Additional release Append type Emergency insertion Append to the playlist Play times - 1 + times Play time - 1 + s
Cancel Save	Cancel Save

Figure 5.3.2.1-4 Guide for Publishing a Single Program - Advanced Options Publishing Settings-

Users can also publish playlists on the program production page, as shown in Figure 5.3.2.1-5. Switch to the "Playlist" tab, click on the name of the playlist to be published, and then click the "Publish" button to complete the playlist publishing operation.

Convert @Playme	© Screen 🔳 🗗 🗁 🗟 — 5	Sent list: 20250429-15:56:17			×	OADRUB BA	anna	
- 🔠 Single program list 20250429-13-44-30	1524192 = 0	Screen grouping	Usable All	Screen name	QQuiry	20250429-13 44 30		Image-text
 20250429 12 44:30 20290429 15:50:17 		- 本 期以企业管理集团有限公司 [1] 第24.948	Location	Remark	owneset	Basic attitude		
202341126-64.04.03 20256425-12.44/30		□ 123 • □ 10.21 • □ 1	Screen nam screen mod e 0 el 0	Screen res olution 1 Location Status 0	Remark	Device		
		- 🖾 2 - 🖾 3	CIA BX-CIA	152x152 위유·중 Office: 150	brt			Video
		- 🖬 4 - 🛄 6 - 🗂 6				Time Calculation duration		Date
		C 7				Setup daration ©	o 8	anna 19
						Adaption		
						Scale Mode	Shith	Clock
						Size		
						With		Sensor
			~			Plaget		() Tomor
			U likelitele remerer can be emiscrited. Selec	Id/page v Total 1				
			The second second second second second					Weather
			Advanced options		Reference -			2723
		A STATE OF THE OWNER			1			Text
			TILL	1011				
		1 6						Colorful font
	100	A Band M		1001				Web Data
				INC				UT BGM

Figure 5.3.2.1-5 Posting Playlist

After completing the program publishing wizard, you can view the upload process of the program publishing in the upper right corner of the webpage, as shown in Figure 5.3.2.1-6. At present, the platform can perform publishing operations and generate publishing tasks for both online and offline screens, as shown in Figure 5.3.2.1-7. For online screens, the publishing task is completed normally. For offline screens, the publishing task will prompt "The screen is not online, wait for the screen to go online and automatically resend". After the offline screen goes online, the publishing task will be automatically completed. During the publishing process, if the screen goes offline or other reasons are encountered, the task will enter the automatic resend stage. If the task cannot be completed after resending 3 times, a prompt will be given and the user will be asked to click the resend button, as shown in Figure 5.3.2.1-8.



Figure 5.3.2.1-6 Release Process

		>
□ P Release playlist[20250429-15:56:17]	The screen is not online, W X	
E Screen[123C1A]Release playlist[20250429	-15:56:17] The screen is not online, W X	



详细任务列表		×
2 2 发布攝放列表 [单节目列表视屏10.13]	82.9% 部分任务未正常完成	
+ [-] 屏幕 [YQ4] 发布播放列表 [单节目列表视屏10.13]	82.9%节目发送3次都失败,需要手动重发	- ×
		重新发送

Figure 5.3.2.1-8 After 3 failed attempts to resend the task

After the publication is completed, users can check whether the published results are successful at locations 5.3.2.1-9 and 5.3.2.1-10.

	(hOld version ()	?	Ģ	₽	Д 99	Welcome 个人账号测试1
Currently have94Notificatio						
©任务失败						8
©Task failure						0
©节目发送结束						74
[©] Material finished generating						0
②素材处理结束						0
	View notifica	tion de	tails →	0		

Figure 5.3.2.1-9 Notification Information

es	Notification type	Notice content	Creare time	rati on
lo	Program sending fin ished	Task:Screen[默认分组C08A-广]Release playlist[单 节目列表20250425-C] Status:Task finished success fully	2025/05/20 09:56:57	~
lo	Program sending fin ished	Task:Screen[默认分组C08A-广]Release playlist[单 节目列表20250512-C-视频-01] Status:The program played successfully	2025/05/20 09:56:19	~
lo	Material finished ge nerating	Task:Process material[IMG_4503(20250507-10531 0).PNG] Status:Success	2025/05/20 09:54:31	
lo	Material finished ge nerating	Task:Process material[IMG_3918(20250307-15004 9).PNG] Status:Success	2025/05/20 09:54:26	~
lo	Material finished ge nerating	Task:Process material[IMG_38.JPG] Status:Success	2025/05/20 09:54:23	~
lo	Material finished ge nerating	Task:Process material[IMG_31(20250224-151454).P NG] Status:Success	2025/05/20 09:54:18	~
lo	Material finished ge nerating	Task:Process material[IMG_2890(20241128-18025 3).PNG] Status:Success	2025/05/20 09:54:06	~
	Material finished ge	Task:Process material[ee42128536d85460288c3594		

Figure 5.3.2.1-10 Detailed Notification List

5.3.2.2 Adaptive Function Description

The adaptive function of the platform is that the program can automatically adapt to different screen sizes within a certain range. The platform has two types of programs, multimedia programs and pure text programs. Multimedia programs support users to add multiple sizes of drawing boards. When users publish a program, the platform calculates the matching rate between the drawing board in the current program and the screen selected by the user based on a formula. If the matching rate is greater than or equal to 60%, the program can adapt and be successfully published. If the matching rate is less than 60%, the program cannot adapt. In this case, users can add corresponding sized drawing boards to the program to solve the problem. Pure text programs only support adding one size of drawing board, but this type of program can adapt 100% to Click on the notification of 'Program Release End' to

screens of various sizes.

Adaptive related attributes have also been added to the program attributes and partition attributes. The program attributes have added "zoom mode", which includes stretching and aspect ratio scaling. In the partition properties, "scaling mode", "line break height", "line break count", and "font scaling" have been added. The 'scaling mode' in the partition is the same as that in the program properties, which is also stretching and scaling by aspect ratio. The 'line break height' is when the user sets a value, and when the partition height exceeds the set 'line break height', the partition will automatically wrap. The font size of the text in the partition will be calculated to a fixed value based on the 'line break height' attribute value, and the font size will remain unchanged. The number of line breaks "is set, and the partition will be fixed with the corresponding number of lines according to the set value. The font size of the text in the partition will increase as the partition height increases. The values of the "line break height" and "line break count" properties affect the line break effect of the partition. When both values are set, if the partition height exceeds the "line break height", the content in the partition will be replaced with the corresponding number of lines according to the value of "line break count". As the partition height increases, the font size of the text will also increase accordingly; When only the "line break height" is set and the "line break count" value is 0, if the partition height exceeds the "line break height", the partition will wrap lines. The number of line breaks depends on the partition height, and the font size of the Chinese characters in the partition is fixed; When both values are 0, the partition effect is displayed according to the original properties of the partition without line breaks by default. Font scaling "is the process of scaling the font size of the text in the partition within the current canvas, with an impact only on the current canvas.

5.3.3 PlayList

Users can view all playlists on the playlist page in the program management, as shown in Figure 5.3.3-1, and can switch to some button annotations on the scheduling mode page, as shown in Table 5.3-4. By using the operation buttons after each playlist, users can manage the list.

Operation
2 12 0 12 0 12 0 12 0 12 0 12
 ₫ ₫
.⊙
•
• 1
•
•
• 1
•
• 1

Figure 5.3.3-1 Playlist Page Table 5.3-4 Playlist Button Function Annotations

button	Function Introduction
:=	Click the program list button to enter the program list interface, where you can view and
	edit the playlist, as shown in Figure 5.3-23.
Ø	Edit button, click to enter the Edit Playlist Wizard interface. If editing the simplified
	version list, a prompt message will pop up. After confirming the conversion, all programs
	in the list will be converted to the professional version, and a modification playlist wizard
	interface will pop up.
	Play button, click to preview the playlist.
(+	Copy playlist button to make a copy of the current playlist
	Press the publish button, and when clicked, a selection screen pop-up window will pop
	up. After selecting the screen, you can publish the playlist.

If users want to edit the playlist, they can click the program list button. On the program list setting page, as shown in Figure 5.3.3-2, they can edit and view the programs, and click the edit button to edit the programs.

20250 Fixed 1 0 20250 Fixed 1 0 4.25 Fixed 1 0	00.00			
20250 Fixed 1 0 4.25 Fixed 1 0	00.00	23:59:	Mond	ØE
4.25 Fixed 1	00:00:	23:59:	Mond	ØE
	00:00:	23:59:	Mond	ØE
20250 Fixed 1	00:00:	23:59:	Mond	ØE

Figure 5.3.3-2 Program List Page

When users click the add or edit button on the playlist page, they will enter the playlist wizard interface. Below is an introduction to adding a playlist. On the create playlist page, as shown in Figure 5.3.3-3, users need to fill in the corresponding name, select the program type, and match the program.

ay not nume	20230320	10.13.03					
уре	All						~
	Optiona	al program		Selected	t program	Play setting	
Full nam e of the	screen model	Draw Board Resolution	Operatio n	Full name of the program	Operation	Play Mode Fixed times play	
program 20250	BX-6E1X	128x64		20250428-6-12		- 1 + * Start Time	
20250	BX-YQ5E	192x192				End time © 23:59:59 Begin Date	
20250	BX-Y3	192x192				End date	
Enter a na	ame and pre	ss Enter				 Monday Tuesday Wednesday Thursday Friday 	×
< 1	234	5 6 …	30 >	Total number of progr 1	rams: (1)	Saturday	

Figure 5.3.3-3 Create Playlist Wizard - Playlist Information, Program Selection

program selection interface, as shown in Figure Then click "Next" to enter the can add the program to the playlist through the "" button, 5.3.3-4. The user 0 preview the program through the "" button, remove the program through the "" button,

and click the "Finish" button to successfully create a new playlist.

	20250520	-10:13:57						
ре	All							~
	Optiona	l program		Selecter	d program		Play setting	
Full nam e of the	screen	Draw Board	Operatio	Full name of the program	Operation	n	Play Mode Fixed times play	
program	nodel	Resolution	n	20250428-6-12	-	•	Play times	
20250 E	BX-6E1X	128x64	©		^	↓	Start Time © 00:00:00	
20250 F	BX-YOSE	192×192	->				© 23:59:59	
20230 L		1328132	۲				Begin Date	
20250 E	BX-Y3	192x192	*				End date	
			©				Week 🗹 Monday 🔽 Tuesday	*
Enter a name	e and pres	s Enter	٩				 Wednesday Thursday Friday 	
< 1 2	3 4	5 6 …	30 >	Total number of prog 1	rams:	1 >	Saturday Sunday	

Figure 5.3.3-4 Create Playlist Wizard - Select Program

Then click "Next" to enter the program selection interface, as shown in Figure 5.3.3-5. The

user can add the program to the playlist through the " button, preview the program through the " button, remove the program through the " button, and click the "Finish" button to successfully create a new playlist.

naylist name	20250520	-10:13:57					
уре	All						^
	All						
Full nam e of the program	Multimed Text only Combina	lia tion screen pro	ogram				
			→	20250428-6-12		Start Time	
20250	BX-6E1X	128x64	0		\uparrow \downarrow	© 00:00:00	
						End time	
			+			© 23:59:59	
20250	BX-YQ5E	192x192	(0)			Begin Date	
						End date	
20250	BX-Y3	192x192	0			N/a = 1	
						vveek	*
						Mionuay Micesuay	
Enter a na	me and nres	s Enter	0			Vvednesday	
< 1 2	2 3 4	5 6 …	30 →	Total number of progr 1	rams: < 1 >	 Inursday Friday Saturday Sunday 	

Figure 5.3.3-5 Create Playlist Wizard - Select Program Type and Program

5.3.4 Scheduling mode

The playlist can be switched to scheduling mode. Click on the scheduling mode switch on the account settings page, as shown in Figure 5.3.4-1; After activation, users can select the scheduling mode to display playlist data in the scheduling view, and can add, edit, and delete playlists, as shown in Figure 5.3.4-2.

ය Home > account		
	Namo	∧↓ ■上口测试于4
0 0 0	Hearture	
	Oser type	
	Sex	Female
	Email	Verified
直是坠了	Phone number	Verified
	Real name	⊘ Approved
	Birthday	2025/03/12
Change picture (j)	Password	Change password
	Program mode	Single program editor 🕐
	Scheduling mode	Scheduling mode switch
	Login mode	Account login 🕜
	Code setting	SMS validate
	SMS reminder	No notification Login notification
	Wechat program	Click bind
	Wechat service	Click bind
	Material square	Edit
	Default program	Show all
	Font list	Edit
	Time zone setting	GMT+8
	Playtime mode	Local Time Mode
	security commitment	⊘Approved
	How to upload? >	Renew the commitment >
	Get position auto	Yes Enable the function of automatically obtaining screen position 0
	User logout	Sign out

Figure 5.3.4-1 Activate Scheduling Mode



Figure 5.3.4-2 Scheduling Mode

5.3.5 Program review

Users can view all playlists on the program review page in the program management, as

shown in Figure 5.3.5-1. There are some button annotations on the page, as shown in Table 5.3-5.

Users can view, review, and preview the playlists.

enaldi ya			lines.		Canada		1				0000
			rane		Creator		Eator				accusy
(AI) (AI)		 Approving cor 	ment		Build type (AII)						Offeset
• 2)	Creator 2	Creare time 1	Editor 1	Edit time 0	Approving status 1	Audit time 1	Approving comment 1	Build type 🗧	Program list 🗧		Operation
日列第一版总型片节目-43	A DESCRIPTION OF	2025/05/20 12:03 47	and the second sec	2025/05/20 12:03:47	Approved			Demo	1	=	۲
目列表-预设置片节目-42	Committee and the second	2025/05/20 12:03:45	Concerning States on the	2025/05/20 12:03:45	Approved			Dema	1	=	۲
四月南一桥梁图开节日-41	Contract Property in	2025/05/20 12:03:44	CONTRACTOR OF A	2025/05/20 12:03:44	Approved			Deno	1	=	۲
日列南-明记成却世日-35	-	2025/05/20 12:03:43		2025/05/20 12:03:43	Approved			Demo	1	=	۲
日列車-新設整約10日-40	· · · · · · · · · · · · · · · · · · ·	2025/05/20 12:03:42		2025/05/20 12:03:42	Approved			Demo	2	=	۲
目列表-桥京型州市日-39	-	2025/05/20 12:03:41		2025/05/20 12:03:41	Approved			Demo	1	=	۲
0520-10 11 43		2025/05/20 10:30:24		2025/05/20 10:30:24	Approved	2025/05/20 10:30:24	Users have their own approval a	Multimedia	4	=	۲
日列表-预总型片节目-85		2025/05/19 14 24 50		2025/05/19 14:24:50	Approved			Demo	1	=	۲
日列表-预总型片节目-04		2025/05/19 14:24:47		2025/05/19 14:24:47	Approved			Demo	1	=	۲
的第一份问题中节日-83		2025/05/16 15:56:50		2025/05/16 15 56 50	Approved			Demo	1	=	•

Figure 5.3.5-1 Program Review Page

Table 5.3-5 Program Review Button Function Annotations

button	Function Introduction
	The program list button allows for editing and viewing of programs, as shown in
	Figure 5.3.5-2.
2	The program review button allows for the review of individual programs.
	The program viewing button allows for preview operations on the playlist.
R	The batch review button allows for batch review of programs.

Program	Play mo de	Play vol ume(s/[n ull])	Start dat e	End date	Start tim e	End time	Week	Operatio n
20250	Fixed	1			00:00:	23:59:	Mond	ØE
20250	Fixed	1			00:00:	23:59:	Mond	ØE
4.25	Fixed	1			00:00:	23:59:	Mond	ØE
20250	Fixed	1			00:00:	23:59:	Mond	ØE

Figure 5.3.5-2 Viewing Program List Page

Users can click the review button to conduct individual or batch reviews of the program. After clicking the review button, a review playlist page will pop up, as shown in Figure 5.3.5-3. To prevent duplicate reviews, the review button is hidden after the list review.

Approve playlist	×
Audit result: O Approved Fail the aud Approving comment:	lit
Include program	1

Figure 5.3.5-3 Review Playlist Page

5.3.6 Program release

Users can view all approved playlists on the program publishing page in the program management (note: playlists that have not been approved are not allowed to be published), as shown in Figure 5.3.6-1. Each approved playlist can be viewed, published, and previewed.

Able ware Rane * Rane ** <				Releas	se status (All)			Build type (All)							G Query	9 iRes	et
2020111 4 2 20200112028 <td>ist name 0</td> <td>Available screen 0</td> <td>Edit time 0</td> <td>Creator ©</td> <td>Creare time ©</td> <td>Editor 0</td> <td>Auditor ©</td> <td>Approving status 0</td> <td>Audit time 🌣</td> <td>Release status 0</td> <td>Build type ©</td> <td>Program list ‡</td> <td></td> <td>Last published time</td> <td>Last release list 0</td> <td>Ope</td> <td>eation</td>	ist name 0	Available screen 0	Edit time 0	Creator ©	Creare time ©	Editor 0	Auditor ©	Approving status 0	Audit time 🌣	Release status 0	Build type ©	Program list ‡		Last published time	Last release list 0	Ope	eation
198-150 0 1 10001101240 <td>0520-10:11:43</td> <td>4 👘</td> <td>2025/05/20 10:30:24</td> <td></td> <td>2025/05/20 10:30:24</td> <td>11000</td> <td></td> <td>Approved</td> <td>2025/05/20 10:30:24</td> <td>Not roleased</td> <td>Mutimedia</td> <td>4</td> <td>=</td> <td></td> <td>0</td> <td>= 1</td> <td>•</td>	0520-10:11:43	4 👘	2025/05/20 10:30:24		2025/05/20 10:30:24	11000		Approved	2025/05/20 10:30:24	Not roleased	Mutimedia	4	=		0	= 1	•
Max Max 0 2 202003 102.40 AD001 103.24 Approved Approved Ant meace Dere 1 E 0	的表-预设置	0 🗮	2025/05/15 15 24:59	1.000	2025/05/15 15:24:59	1.000		Approved		Not released	Demo	1	: #		0	= 1	۲
NH. No. 0 2 205001 9 1244 </td <td>利用-预设税</td> <td>• 🚞</td> <td>2025/05/15 15 24 55</td> <td>1.000</td> <td>2025/05/15 15:24:55</td> <td></td> <td></td> <td>Approved</td> <td></td> <td>Not released</td> <td>Demo</td> <td>1</td> <td>=</td> <td></td> <td>0</td> <td>= 1</td> <td>۲</td>	利用-预设税	• 🚞	2025/05/15 15 24 55	1.000	2025/05/15 15:24:55			Approved		Not released	Demo	1	=		0	= 1	۲
NR. H62 0 I 20001 92.22 0 20001 92.22 <	列表-预设置	• 🔚	2025/05/15 15:24:54	0.000	2025/05/15 15:24:54	1. BURNEL		Approved		Not released	Demo	1	1		0	= 1	۲
NHR-HS62 0 200001312.20 AD0001312.80 Approx4 Approx4 </td <td>判示-预设器</td> <td>0 🚞</td> <td>2025/05/15 15:24:52</td> <td></td> <td>2025/05/15 15:24:52</td> <td>11.0008044</td> <td></td> <td>Approved</td> <td></td> <td>Not released</td> <td>Demo</td> <td>1</td> <td>=</td> <td></td> <td>0</td> <td>= 1</td> <td>۲</td>	判示-预设器	0 🚞	2025/05/15 15:24:52		2025/05/15 15:24:52	11.0008044		Approved		Not released	Demo	1	=		0	= 1	۲
NR-NGR 0 2 205001 912.47 PD001 913.47 Approx Approx Notemed Dev 1 E 0 E of 0 0 E of <	利用-然必用	• 🔳	2025/05/15 15:24:50		2025/05/15 15:24:50	0.0000		Approved		Not released	Demo	.1	:=		0	= \$	۲
Name 0 2000013 12.44 2000013 12.44 Approx Appro	用專一發設現 .	•	2025/05/15 10:24.47		2025/05/15 15:24:47	11.000		Approved		Not released	Demo	1	:=		0	= \$	۲
NR. NGE 0 Ξ 2050/015 92.4.8 Approved Not demand Dema 1 Ξ 0 Ξ d ① NR. NGE 0 Ξ 2050/015 92.4.8 2050/015 92.4.8 Approved Not demand Dema 1 Ξ 0 Ξ d ① NR. NGE 0 Ξ 2050/015 92.4.8 2050/015 92.4.8 Approved Not demand Dema 1 Ξ 0 Ξ d ①	科弗-班段现	•	2025/05/15 15:24:46		2025/05/15 15:24:46	1.000		Approved		Not released	Demo	1	:		0	= 1	۲
0 \Xi 20554625 18 13.98 20554625 18 13.98 Approved Northebased Dene 1 🗮 0 🧮 <table-cell-columns> 🖓 🛈</table-cell-columns>	利用-5562图	0 🗮	2025/05/15 15 24:45		2025/05/15 15:24:46			Approved		Not released	Demo	1	1		0	≣ ⊲1	۲
	1列表-数设置	• 😑	2025/04/25 18:13:58		2025/04/25 18:13:58	1.000000		Approved		Not released	Demo	1	÷22		0	= 1	•

查察范围 全部		~	重法列表名称		审核人		WRITE	(北部)			9.曲曲
发布状态 (全部	9		0189422 (2:25)								- NEW
298888 ÷	MMMMM =	非統人 ‡	非线状态 :	andonai e	2685 :	0682322 =	4日現由 ÷	服石-23261999 :	最后-次发布造单 :		un:
241216	•	17613273514	带标题过	2024/12/16 16:19:02	83270	SMATH	2		D	:=	10
5日列表-然品面片有目-30	=		*16202		涂22 布	5542	1		0	=	10
	•	17613273514	审核通过	2024/12/16 16 18 16	未没有	多碳体节目	2		0	=	10
241210-10:21:22	1 🚍	17613273514	审核通过	2024/12/10 10 37 23	未没布	常通节日单	2		0	=	10
5日列表			wikilitz		未没作	5512	1		p.	=	10
tcioud测试11.21	7	17613273514	中标进过	2024/11/21 16:53:24	8308	999411B	2		D	=	10
5日列表	20		weeded		828/6	野泉	1		D	:=	10
5日列港····································	4. =		审核通过		未28.作	856	1		0	=	10
日列表新設地文本市日-11			举标通过		未没有	5512	1		0	=	10
动列发	4	17615273514	wikilitz	2024/09/11 10:42:58	已没有	多模体节目	2	2024/09/11 20 18:29	3	=	10
日列來-预設地文本11日-10			#46週以		8385	1512	1		0	:=	10
日列表			审标题过		.#284i	聚症	1		D	:=	10
目列表新品地文本节目-8			审核通过		未因布	552	1		0	=	10
日列表预设纯文本节目-7			中午 通过		未没有	1912	1		ø	=	10
日列表-約241文本11日-6			w46.802		*25/1	15Q	1		0	:==	10

Figure 5.3.6-1 Program Release Page

After clicking the publish button of the corresponding playlist, the user can enter the publish playlist interface, as shown in Figure 5.3.6-2. If there are no special requirements for the playback mode, click "Finish" after selecting the screen to complete the publication. If users need to schedule automatic publishing, synchronized playback, or additional publishing of playlists (additional publishing is only applicable to single program lists), they can click on the advanced option in the bottom left corner of the page to make relevant settings, as shown in Figure 5.3.2.1-3.

Sent list: 20250520-10:11:43								×
Screen grouping	^		Usable	e All	Screen na	ime		Query
 ※ ▲ 个人账号测试1[0_01036] □ 默认分组 		Lo	cation		nark		বিReset	
□ 测试1 □ 测试2 □ 1021			Screen nam e \$	screen mod el ≑	Screen res	Location	Status ≑	Remark
11.5			Y2-250113	BX-Y2	192x192	江苏-苏	Offline; 192x1	
2 test20241205			Y08A-0424	BX-Y08A	192x192		Offline; 192x1	
			Y08A	<mark>BX-Y(</mark> 江苏-苏	5州-张家港-江苏省	-苏州市-石湖西路'	188号万达广场(苏州)	吴中店)
			Y3A	BX-Y3A	192x192	江苏-苏	Offline; 192x1	
		3		1 >	10/page	✓ Total 4		
	~	Multip	ole pages can be	selected. Selec	ted: 0 screen			
	5	👌 Adva	nced options					Release→

Figure 5.3.6-2 Publish Playlist Page

The platform supports the function of quickly canceling current unfinished tasks when publishing programs. When there are unfinished publishing tasks on the screen, as shown in Figure 5.3.6-2, users can continue to select the screen for publishing. Clicking publish will automatically cancel the current task, as shown in Figure 5.3.6-3, and successfully distribute the latest program to the control card. This feature is also applicable in multi program editing mode and on pages with publishing function.



Figure 5.3.6-3 Quickly Cancel Current Task

5.4 Screen management

After successfully logging in, users can add screens and upload materials in the resource management module to prepare for future program production.

5.4.1 screen control

Users can perform relevant operations on the screen in the resource management screen management page, as shown in Figure 5.4.1-1. Some operation button annotations on the screen management page are shown in Table 5.4-1.

2 «		Screen name Its entr	or screets rainin	Screen resolution	Enter the screen resolution		creen model (All)		Device code	Enter device item number		Query
0_01		Location Enter It	ve location	Online status	(A8)		Offine time (All)		SIM ICCID	Enter the SCCID of SBH card		QReset
11)	Check	online or not Re	set task On Off	Screen shot Co	Tection time Clean up	program Screen bright	ress Switch Work Mod	e Switch the working b	ogs Restart Controller	Check Irmware updat	e Update firmware	Restore facto
		Screen name 😄	Screen resolution 0	screen model ‡	Device code ‡	Location 0	Online status ‡	Offline time ‡	PlayList	SIM ICCID	Screen switch status ‡	Operatio
		Y1-1018	720x1280	88-91	C0Y1002012200025	@ 1235-85H-85H-505	Offine	143天	t Programs			Renew
		201	320x240		010A322203083004789	② 北京·北京·北京·北京·北京·小场主大	Office	1154天	No program			Renew
		ALY	192x192	IDC-YDA	C0Y3A02012110002	0 (18-8%-3%-CES#	Office	26天	No program			Renew
		12-250113	192x192	106.92	C0Y2001808310003	© (18-68-90-909)	Offine	40 天	2 Programs		Power on	Renew
		YQ5E-250102	192x192	BX-YQ5E	500037640E42C37066	(2) (2) - 10(B-20(B-12))	Offine	27天	No program		Power off	Renew
		YOBA	192x192	BX-Y08A	012C582404160002202	① 江苏-苏州-梁中-江苏寨-3	Offline	81 先	4 Programs		Power on	Renew
		BX-6E3Pro	128x54	BX-6E3Pro	6E3PROKA24101502	② 上地-上地-砂ジ-123	Offine	207天	1 Piograms		Power on	Renew
		:s 00003 🕥	1920x1080	SG鐵台盟(Windows)	010001241111000/3232	② 江田-B州-菜中-505	Offine	7关	1 Programs		Power on	Renew
		02	192x192	BX-C2	01810622110600010C7	© 1135-35HL-35HL-505	Offine	25天	1 Pograms		Power an	Renew
		11	720x1280	EX-Y1	012556250102000BE72	☆ 山西·太原-大原-505	Office	129 天	No program			Buy

Figure 5.4.1-1 Screen Management Page

button	Function Introduction
Online	Check the online button. After selecting the screen, you can check if the screen is
	online.
	Reset Task button, click to reset the task and cancel the current ongoing task.
	The restart controller button is used to restart the controller.
-	The screenshot button is used to capture the content displayed on the current screen.
	Currently, YQ5E, YQ2A, YQ2AE, YQ3A, YQ3AE, and Y series controllers support
	this function.
Q	Check firmware button, used to check if there is any new firmware update.
	Upgrade firmware button. When new firmware is detected, you can check the screen
	and click this button to update.
-	Program cleaning button, select the screen and click the button to clear the programs
	on that screen.
-Ò	The screen brightness button is used to adjust the screen brightness.
T	Screen timing button. After selecting the controller, click this button to calibrate the
G	controller's time to the set time zone.
\bigcirc	Press the power button and send the screen start command after clicking.

Table 5.4-1 Screen Management Page Button Function Annotations

0	Press the shutdown button and send a shutdown command after clicking.
	Purchase button, select the screen to purchase a screen package
₹A SĴ	The switch mode button can switch the working modes of YQ5E, YQ2AE, YQ3AE, and Y5E
Î	The switch work log button allows for the switching of work logs between the C series, Y series, Z series, and S6 controllers
	The factory reset button can be clicked to restore the control card to its factory settings.
Ų	Voice broadcast button, Y series control card supports voice broadcast text
L.	Screen control button, click to enter the screen control interface, you can set the screen related parameters.
+ 新建分组	Create a new group, click to create a new screen group.
续费	The package renewal button can be clicked to renew the screen or purchase a package.
(+)	Add button, used to add a new screen.
间	Delete button, used to batch or individually delete selected records.
G	Refresh button, used to refresh the list.
••• 更多	More buttons, click to pop up "Platform Operations and Terminal Instructions"
ලා	The screen unified settings button will pop up a settings page when clicked, allowing
	for unified settings of the screen's time zone, merge, and clear overlay permissions.
	Move screen button, click to move the screen to the corresponding group list.
Ţ	The screen migration button can be clicked to batch migrate control cards to the iledsys server.
¢	Set offline reminder button, click to set specific offline duration for reminder.
@	Fill in addresses in bulk, and click to pop up the batch settings screen information
	pop-up window.
--	--
R	Change department, click to open the Change Department pop-up window, where
	you can select another department.
E	Batch set timed power on/off button, click to add power on/off settings for multiple
	screens in batches.
10	IO pin setting button, click to set IO program.
()	Volume setting, click to set the volume on the control card
in the second se	Relay control button, which can set the opening and closing of the relay and screen
	linkage switch.

5.4.1.1 add screen

To create and publish a program, the first step is for users to add screens. Click the add button on the screen management page, and the add screen page will pop up, as shown in Figure 5.4.1.1-1. Enter the "serial number" and "name" to complete the screen addition operation, but it should be noted that the controller must be online to successfully add.



Figure 5.4.1.1-1 Add Screen Page

Tał	ble 5.4-2 Screen Management Page Add Screen Pop up Button Function Annotation-
button	Function Introduction
	Click the upload QR code button to upload the controller QR code/barcode for
• ili	screen addition

For YQ model controllers, if you fill in "username" and "name" when setting the IP, there is no need to manually add them. When the controller goes online, it will be automatically added to the designated user's name; On the contrary, you need to manually add it. When adding a screen, it is recommended to use a barcode as the serial number first. If there is no barcode, the identification code should be used as the serial number. For the 6Q model controller, it currently only supports manual addition and can only use barcodes as serial numbers. After the screen is successfully added, relevant information will be displayed on the screen management page, as shown in Figure 5.4.1.1-2.

屏幕名称 ÷	局部部名 ÷	屏積分辨率 🗇	ALCONOMIAN =	用在位置 0	· 多能感知	1028 ÷	在编状态 😄	東城时间 ⇒	南级时长 🗇	当前播放	SIM-ICCID	解着开关状态 😄	操作	
YQ2E22		128x96	DB_DEPARTMEN	资 天津·天津·出海·出	500044785F4800	BX-YQ2E	• RIE			01TH			购买	2.
YQ3		1088x608	DB_DEPARTMEN	③ 用来-用口-用口	50004434AA4A00	EX-YQ3	· Alt	2016/02/08 20:40:39 24	章,绿色为在线。 436 天	及他为周线 0个节日			购买	2
3286A-029EA		1920x1080	DB_DEPARTMEN	② 北京·北京·北京·三	030C1124040700	BX-3288A (277)	• 2115			1个节目		开算	18.M	2

Figure 5.4.1.1-2 After successfully adding the screen

If multiple screens are added together, batch screen addition can be performed on the screen

addition page. 批量添加 After the user clicks the button again, they will enter the batch addition screen page, as shown in Figure 5.4.1.1-3. Enter the screen name, device number, and group (if left blank, it will be added to the default group by default) separated by a comma.



Figure 5.4.1.1-3 Batch Adding Screens

After clicking the add button, the input content will be automatically filtered and displayed in the form of a table, as shown in Figure 5.4.1.1-4.

Add screen	Total: 1 succes	ss: 0 fail: 1				
	Device	ScreenNam e	screen alias	Group	Add result	Reasons for failure
	5000442	5000442		默认分组	fail	Controller

Figure 5.4.1.1-4 Batch Add Results

5.4.1.2 Modify screen information

Click the screen control button corresponding to the screen, and on the screen information modification tab of the screen control page, you can modify the relevant information of the screen, as shown in Figure 5.4.1.2-1. Users can modify the grouping, name, screen type, address information, detailed address, time zone, and comments of the screen. Users can manually input the address or click the "Map Location" button behind the input box to locate the map on the pop-up "Screen Location" page. When the user changes the time zone of the screen and calibrates the screen, the screen time will be changed to the time in the time zone. Enterprise users can migrate the selected screen to a visible organizational structure by clicking the 'Migration Screen' button.

의 Parameter setup B	Surplus inquiry	R Screen	information modification	් On/off screen	settings	Screen shot	© Update
Name	Y3A				•		
screen alias							
Address retrieval type	0	Manual setti	ng				
	• Fixed s	creen O	Mobile screen				
Screen type	Square s	creen			\sim		
Address information							
	Select ple	ase	 Select please 	 Select please 	\sim		
Detailed address						0	
.ocal time zone	GMT+8				~ *		
Comment							

Figure 5.4.1.2-1 Editing Screen Information

5.4.1.3 Screen firmware update

When the firmware update is available on the screen, there is a red dot displayed on the corresponding screen control button, as shown in Figure 5.4.1.3-1.

Screen name ¢	Screen resolution ©	screen model \$	Device code 😄	Location ©	Online status 💠	Offline time 💠	PlayList	SIM ICCID	Screen switch status 💠	Operation	
3288A-01	1920x1080	BX-3288A (2screen)	010C1124041600036	② 山西-太原-小店区-123	Offline	123 天	4 Programs		Power on	Renew 2	5 🖻
3288A-7552	1920x1080	BX-3288A (2screen)	030C112404070001B	② 词北·唐山·开平-天津·尹	Offline	32天	No program			Renew	5.
Z	128x64	BX-TAXI	010A3325031900029	② 江苏·南京	Offline	24天	No program	898603217451202985	Power on	Renew	23
Y08A-0424	192x192	BX-Y08A	012C5825030400038	Setup Loaction	Offline	24天	3 Programs			Renew	2

Figure 5.4.1.3-1 Screen Management Firmware Update

When the user clicks the screen control button with a red dot, the firmware update tab on the pop-up screen control page will display the firmware version that can be updated on the current screen and related prompt information, as shown in Figure 5.4.1.3-2. Clicking the update firmware button will start the upgrade, and the firmware update task will be displayed in the current task list. After the upgrade is successful, the success information can be viewed in the notification list, as shown in Figure 5.4.1.3-3.



Figure 5.4.1.3-2 Firmware Update Confirmation Page



Figure 5.4.1.3-3 Message notification after successful firmware update

5.4.1.4 Screen parameter modification

When the user clicks the screen control button at the back of the screen, a screen settings page will pop up, as shown in Figure 5.4.1.4-1. Users can check the remaining space on the controller or perform timed screen on/off operations on the screen settings page, as shown in Figures 5.4.1.4-2 and 5.4.1.4-3.

een setup						
् Parameter setup	Surplus inquiry	R Screen	information modification	On/off screen settings	Screen shot	🖾 Update
Query all parameters	Refresh Corre	ection time	Obtain screen time	Obtain SIM card info		
Screen parameter						Edit
Timing setup						Edit
Volume						Edit
Register information						
SIM card information						
Others						
Language						Edit



Screen setup					×
< े Parameter setup	Surplus inquiry	Screen information modification	් On/off screen settings	C Screen shot	I Update >
Surplus inquiry					
Total available space: 6 Remaining available spa	.5G ace: 6.4G				
		rest97%			

Figure 5.4.1.4-2 Screen Settings - Surplus Query

		ourpide inquity	CA SCIECTI IIIIOITTIAL	ion modification	On/off screen settings	Screen shot	C Update
Turn on the s	screen immediate	ty Turn off th	e screen immediately				
Timing switch	h screen						
every Day:	9 15:35:33	On 🕒 16:35	:33 🛞 Off				
+							

Figure 5.4.1.4-3 Screen Control - Switch Screen

When the user turns on the automatic timing function, the 6th generation card will automatically perform timing when offline and online again, as shown in Figure 5.4.1.4-4.

een setup					
A Parameter setup	Surplus inquiry	Screen information modification	් On/off screen settings	[©] Screen shot	🖾 Update
Query all parameters	Refresh Corr	ection time Obtain screen time	Obtain SIM card info	Correction a	
Screen parameter					Edit
Register information					
SIM card information					
Others					

Figure 5.4.1.4-4 6th Generation Card - Automatic Timing

Users can see the control card IP and control card connection IP in other options on the screen settings page, and this is also the display language of the control card, as shown in Figure 5.4.1.4-5.

cre	een setup							
	A Parameter setup	Surplus	inquiry	Screen	information modification	On/off screen settings	C Screen shot	C Update
	Query all parameters	Refresh	Correc	tion time	Obtain screen time	Obtain SIM card info		
	Screen parameter							Edit
	Timing setup							Edit
	Volume							Edit
	Register information							
	SIM card information							
	Others							
	Link mode Server IP Server(PC) Port Storage Brightness change mod Curret brightness Screen on/off status Screen locked status Controller IP Connect IP	9						
	Language							Finish
	Language		Simplified Simplified English	d Chinese	Only se	lectable and cannot	be modified	
			Vietnar Chines	nese e Traditional				

Figure 5.4.1.4-5 Controller IP and Language Settings

Users can view the firmware version number, FPGA version number, kernel version number, and MQTT configuration parameters through other options on the screen settings page, as shown in Figure 5.4.1.4-6. (Currently only Z-series cards are supported)

SIM card information		
Others		
Display Parameters	Show	
Firmware Version	24	
FPGA Version	And and a second se	
Core Version	THE R. P. LEWIS CO., LANSING, MICH.	
Server IP	58.208.88.19	
Server(PC) Port	3804	
Parameter configuration source	(Null)	
Parameter name	(Null)	
Curret brightness	1	
Screen on/off status	On	
Parameter summary	(Null)	
Controller IP	null	
Connect IP	49.90.21.2	
点击关闭		
MQTT configuration		Edit
MQTT protocol enabling status		
MQTT server		
Subscription message subject na me	and the second sec	
Publish message subject name	The second s	
QOS level		
Unique authentication mark		
Use certificate or not	and a second secon	
Path of certificate (certificate nam e)		
User Login Name		
User Password	ATTRACT OF A DECISION OF A DECISIONO OF A DECISION OF A DECISIONO OF	
Binding-State		

Figure 5.4.1.4-6 Core Version and MQTT Settings

5.4.1.5 Camera function

Users can not only operate the controller on the screen management page, but also bind the camera to the controller and use the camera to view the real-time playback status of the program on the screen. Users can enter the camera management page by clicking on the corresponding screen control button and clicking on the camera management tab, as shown in Figure 5.4.1.5-1. Currently, the platform supports direct camera connection or adding camera URL live streaming sources. Physical camera devices support Hikvision (Fluorite) and Dahua (Lecheng). Some button function annotations on the camera management page are shown in Table 5.4-3.



Figure 5.4.1.5-1 Camera Management Page

button	Function Introduction
9	Bind button to perform camera binding operation
e's	Unbind button to unbind the camera
Ď	Activate the live streaming button to enable the
	camera's live streaming function
Ŏ	Stop live streaming button, stop the live streaming
	function of the camera

Table 5.4-3 Camera Management Page Button Function Annotations

Users can click the "+" button on the camera management page to choose between adding camera devices or adding camera URL addresses. After clicking, a page will pop up as shown in Figure 5.4.1.5-2. If the user selects "camera direct connection", an add page will pop up as shown in Figure 5.4.1.5-3. The user only needs to select the manufacturer of the camera, fill in the camera's serial number and verification code, and click save to complete the addition of the camera direct connection. If the user selects "URL live streaming source", a pop-up will appear as shown in Figure 5.4.1.5-4. The user needs to fill in the name and the live streaming URL of the camera, and click save to complete the addition of the camera is directly connected and added, click the "Bind" button. After successful binding, you can click the "Start Live" button and click the image area below the button. A page for watching the live stream will pop up, as shown in Figure 5.4.1.5-5. You can only watch the live broadcast for 1

minute at a time, and the live broadcast page will automatically close after the time is up. After adding the camera URL live stream source, simply click on the image area below the button, and a page for watching the live stream will pop up, as shown in Figure 5.4.1.5-5, which can be viewed for a long time.

Add a camera	×
Camera connection directly	O URL live source
	Confirm

Figure 5.4.1.5-2 Select camera addition method

厂商	大华(乐橙)	
序列号		
命名		
安装位置		
备注		



Figure 5.4.1.5-4 Adding Camera URL Live Streaming Source



Figure 5.4.1.5-5 Watching Live Streaming

5.4.1.6 Sensor data feedback

The Y series controller supports sensor data feedback function. Users can open the screen settings page of the Y series controller on the screen management page, and the sensor data tab page will display the values obtained by the external sensors of the current controller, as shown in Figure 5.4.1.6-1. The latest value of sensor data will only be obtained after entering the page or

clicking the refresh button. Hovering the mouse over the value will display which sensor the data is from and the corresponding address.

n shot 💿 Update fi	rmware S Relay control	Solution Device warning Solution © Cam	era management (•) Sen	sor data IO pin settings
urrent sensor dat	ensor time: 2025-06-16 17:39:37	3		©Refresh d
data type	Current data	Sensor type	Sensor Interface	Sensor code
temperature	24.60°C	Temperature and humidity sensors	HUMI port	AM2301
humidity	70.50RH%	Temperature and humidity sensors	HUMI port(Temperature an d humidity sensors)	AM2301

Figure 5.4.1.6-1 Screen Settings - Sensor Data

5.4.1.7 Purchase and Renewal of Screen Package

After the user successfully adds the screen, they still need to purchase a screen package to use it normally. The screen added for the first time will automatically use the coupons issued by the platform to purchase the basic package. Users can also click the "Purchase" button at the back of the corresponding screen in the screen management or select the desired screen and click the purchase button at the top of the page to purchase the screen package. When hovering over the "Purchase" button, a floating box will pop up displaying brief descriptions of two packages, as shown in Figure 5.4.1.7-1. When the user clicks on "View Details", the page will redirect to the "Packages and Services" page, where the user can view the detailed description of the package.

а.	Screen name 0	Screen resolution 0	screen model 0	Device code 0	Location ©	Online status 0	Offline time 0	PlayList	SIM ICCID	Screen switch status 0	Operation	
	Y1-1018	720x1280	BX-Y1	C0Y1002012200025	② 江苏-苏州-苏州-505	Offine	143 天	1 Programs			Renew	2
	Z01	320x240		010A32220308000478	② 北京-北京-北京-广场士:	Offline	1154天	No program			Renew	2
	Y3A	192x192	BX-Y3A	C0Y3A02012110002	② 江苏·苏州·张家港·江苏	Offine	26天	No program			Renew	2
	Y2-250113	192x192	BX-Y2	C0Y2001808310003	② 江苏-苏州-吴中-吴中区:	Offline	48天	2 Programs		Power on	Renew	2
	YQ5E-250102	192x192	BX-YQ5E	500037640E42C37066	② 辽宁-沈阳-沈阳-123	Offline	28 天	No program		Power off	Renew	2
	Y08A	192x192	BX-Y08A	012C58240416000220	② 江苏·苏州·吴中·江苏省·	Offine	81天	4 Programs		Power on	Renew	2
	BX-6E3Pro	128x54	BX-6E3Pro	6E3PROKA24101502	② 上海-上海-静安-123	Offline	207天	1 Programs		Power on	Renew	2
	cs 00003 🛐	1920x1080	S6捕续器(Windows)	010001241111000f323	② 江苏-苏州-吴中-505	Offine	7天	1 Programs	Basic plan:		Renew	2
	C2	192x192	BX-C2	01810622110800010C	② 江苏-苏州-苏州-505	Offline	25天	1 Programs	0.01RMB/Screen/h	fear(include 12G data for sending)	Renew	2
	Y1	720x1280	BX-Y1	012558250102000BE7	② 山西·太原-太原-505	Offline	130 天	No program	Senior plan:		Buy 🖏	Тту
									0.01RMB/Screen/h speed data for send	'ear(include 4G space and 12G hig Ing)	h	
										Check details		

Figure 5.4.1.7-1 Brief Introduction to Package

After clicking the 'Purchase' button, you will enter the payment process. In the first step 'Confirm Purchase', the details of the package purchased by the current user will be displayed, as shown in Figure 5.4.1.7-2. It will also display the number of screens that need to be renewed or purchased under the current account. When the user clicks "Add Here", these screens will be

	0			2			3	
Confirm purchase				Pay		Purchase successfully		
a have selected the	following screens	s to renew or purchase d	lata package					
ScreenName	Memo	Affiliated organi zation	Current plan	Data package ty pe	Purchase data p ackage quantity	Data package ex piration time aft er purchase	coupons	Delete
¥1		个人账号测试	No package	Basic plan $ \smallsetminus $	[1 ~]	2026/05/20	None	Ū
							U have select:	
							Basic plan 1 price	0.01 RMB/pack
							Senior plan 0 price	e 0.01 RMB/pac
							Total amour	nt 0.01RM
							Total	0.01RM

added to the current order details for easy purchase.

Figure 5.4.1.7-2 Confirm Purchase

After clicking "Next", enter the second step of "Payment", and the page will display the order information, payment method and platform payment agreement initiated by the user, as shown in Figure 5.4.1.7-3. Users in China can use Alipay payment or offline bank transfer to purchase packages, while users in international stations can use PayPal to pay for packages.

Pay			×
Confirm purchase	⊘ Pay		3 Purchase successfully
 ✓Order submitted succe 	ssfully, please pay asap!	Beneficiary name:	Suzhou iLedCloud Network Technology Co.,LTD Amount payable0.01 RMB
Order content	Order number	Transaction number	Transaction amount / RMB
Basic planx1,Senior planx0	25052009163900116273	25052009163900116295	0.01
Payment Agreement Pay by AliPa Transfer to corp rate bank I have read Suzhou ILEDCloud Media Tech	o oology Co.,LTDPayment Agreement		← Previous step Next →

Figure 5.4.1.7-3 Payment

After selecting Alipay or PayPal and clicking "Next", the payment page of Alipay or PayPal will pop up. After the user successfully makes the payment, the payment process will enter the third "Payment Succeeded", as shown in Figure 5.4.1.7-5. After successful payment, the screen can be used normally. If the user chooses to transfer money to a corporate bank, after clicking

"Next", the user needs to fill in the corresponding transfer account information, as shown in Figure 5.4.1.7-4. After clicking "OK", the order information is generated. After waiting for financial confirmation, the order is completed and the package begins to take effect. If you need to issue an invoice, please refer to the reminder message on the "Payment Successful" page.

Comming parentase	Pay		Purchase successfully
Order submitted succe	essfully, please pay asap!	Beneficiary name: 5	Suzhou iLedCloud Network Technology C Amount payable0.01
Order content	Order number	Transaction number	Transaction amount / RMB
Basic planx1,Senior planx0	25052009163900116273	25052009163900116295	0.01
Bank of deposit: Bank of Communicatio	ns Co., Ltd. Suzhou Wuzhong Economic and teo	hnological Development Zone branch	
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco	ns Co., Ltd. Suzhou Wuzhong Economic and tec	hnological Development Zone branch	
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco Please fill in the transfer account informa * Estimated time of arrival	nd internally through Online Banking Service of tion : a select an estimated ti	hnological Development Zone branch	
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco Please fill in the transfer account informa * Estimated time of arrival Please * Beneficiary bank name Please enter	nd Internally through Online Banking Service of tion: e select an estimated ti er the bank account name.	hnological Development Zone branch	
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco Please fill in the transfer account informa • Estimated time of arrival • Beneficiary bank name • Bank Number Beneficiary bank account informa • Bank Number Beneficiary bank account informa • Bank Number	nd internally through Online Banking Service of tion: e select an estimated ti er the bank account name	hnological Development Zone branch	0
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco Please fill in the transfer account informa * Estimated time of arrival Please * Beneficiary bank name Please ente * Bank Number Beneficiary bank acco Tips:	nd internally through Online Banking Service of tion: e select an estimated ti er the bank account name	hnological Development Zone branch	S.
Bank of deposit: Bank of Communicatio Bank info Please in 9Day23Hour57Minute35Seco Please fill in the transfer account informa * Estimated time of arrival Please * Beneficiary bank name Please ente * Bank Number Beneficiary bank acco Tips: 1. Please fill in the transfer information fo	nd internally through Online Banking Service of tion : e select an estimated ti er the bank account name ount	thnological Development Zone branch or Bank counter Complete transfer money	

Figure 5.4.1.7-4 Payment - Transfer Information Filling

Pay		×
Confirm purchase		O Purchase successfully
	\checkmark	
	Purchase successfully!	
Tips: 1、如需开票请尽快进行开票,如需了解详情请加QQ服务群545506706 2、请在加群验证信息中正确填写您在"ledcloud多媒体信息发布平台"中的"用户	P登录答(邮箱或手机)",否则无法入群。	
		\leftarrow Previous step Finish \rightarrow



Figure 5.4.1.7-5 Payment Successful

When the package on the screen is about to expire, users can also renew it by clicking the "renew" button at the back of the corresponding screen or selecting the desired screen and clicking the purchase button at the top of the page. The renewal process is basically the same as the purchase process, and the default package for screen renewal is the original package. When hovering over the "renew" button, a floating box will pop up displaying the package related information and usage status on the current screen, as shown in Figure 5.4.1.7-6.

Screen name 💠	Screen resolution \$	screen model \$	Device code 💠	Location ¢	Online status 💠	Offline time \$	PlayList	SIM Name: Y1-1018	Operation	n
Y1-1018	720x1280	BX-Y1	C0Y1002012200025	② 江苏-苏州-苏州-505	Offline	144天	1 Programs	Basic plan	Renew	es.
Z01	320x240		010A32220308000478	◎ 北京-北京-北京-广场士:	Offline	1154天	No program	(2024/12/052025/12/06)(Normal)	Renew	ez.
үзд	192x192	BX-Y3A	C0Y3A02012110002	② 江苏-苏州-张家港-江苏	Offline	26天	No program	Send remaining data: 11.50	Renew	23
Y2-250113	192x192	BX-Y2	C0Y2001808310003	② 江苏·苏州·吴中·吴中区:	Offline	48 天	2 Programs	Package to be used	Renew	es.
YQ5E-250102	192x192	BX-YQ5E	500037640E42C37066	② 辽宁-沈阳-沈阳-123	Offline	28天	No program	Total package traffic :36G	Renew	2
Y08A	192x192	BX-Y08A	012C58240416000220	② 江苏-苏州-吴中-江苏省-	Offline	81 天	4 Programs	Basic plan * 2 Senior plan * 1	Renew	23
BX-6E3Pro	128x64	BX-6E3Pro	6E3PROKA24101502	② 上海-上海-静安-123	Offline	208 天	1 Programs	Check package details	Renew	Z
cs 00003 🛐	1920x1080	S6播放闢(Windows)	010001241111000/323	② 江苏-苏州-吴中-505	Offline	7天	1 Programs	Power on	Renew	2
C2	192x192	BX-C2	01810622110800010C	② II苏-苏州-苏州-505	Offline	25天	1 Programs	Power on	Renew	Z
Y1	720x1280	BX-Y1	012558250102000BE7	③ 山西·太原·太原-505	Offline	130 天	No program		Renew	es Try

Figure 5.4.1.7-6 Current Package Usage

5.4.1.8 Delete Screen

Select the controller that needs to be deleted, click the delete button at the bottom of the page, and a prompt page will pop up to confirm the deletion, as shown in Figure 5.4.1.8-1. When deleting, the automatic screen addition information of the controller will be cleared by default. If the deleted screen has been set with an electronic fence, it will prompt that the screen has been used by the electronic fence and cannot be deleted. The screen needs to be cleared from the corresponding electronic fence before it can be deleted, as shown in Figure 5.4.1.8-2. After deleting the screen on the platform, the originally purchased package will continue to be retained and can still be used after being added back.

Confirm	×
re you sure to delete this screen?	
are you sure to delete this screen?	

Figure 5.4.1.8-1 Screen deletion prompt

Server [[Y3A]] has been used by the electronic fence and cannot be deleted.

Figure 5.4.1.8-2 Screen Cannot Delete Prompt

5.4.1.9 Current playback function

The screen management page has added the function of viewing the current playback. Clicking on the link in the "Current Playback" column of the corresponding screen will pop up a playlist of the current playback and the programs included in the list, as shown in Figure 5.4.1.9-1. Users can also preview programs or view the size of the current list on this page.

Screen [Y08A-0424] playing	3 programs								×
Recover	Clear Send existing p	rograms Addit	ional program							
个人账号	测试1[0_01036]								Size:22.7M	192x192
Seria I num ber	Name	Start Dat e	End Date	Start time	End Time	Week	Play mod e	Playback duration/f requency	Operatio n	Z I I Z I ● O O 192x192 ∨
1	节目1	No Lim	No Lim	00:00:00	23:59:59	Ev	Fixed ti	1	Preview	«
2	节目1_节目复件	No Lim	No Lim	00:00:00	23:59:59	Ev	Fixed ti	1	Preview	乙巳蛇年 四月廿三 1 days to 小湖
3	节目3	No Lim	No Lim	00:00:00	23:59:59	Ev	Fixed ti	1	Preview	2025年05月20日 17时37分10秒
										00:00:02 / 00:00:45

Figure 5.4.1.9-1 Current playback page

Users can perform operations such as restoring and cleaning programs in the list on this page.

You can also add new programs to the current list by clicking the "Add Program" button.

When cleaning up programs, it supports selecting range cleaning, as shown in Figure 5.4.1.9-2. It can not only clean up programs at this level, but also support cleaning programs at this level and subordinate departments, as well as setting program lists on the LO pin. When cleaning programs, you can also choose to check the cleaning dynamic area.



Figure 5.4.1.9-2 Cleaning Program

5.4.1.10 Unified screen settings

The screen management page has added a unified screen settings button, which will pop up the unified screen settings page when clicked, as shown in Figure 5.4.1.10-1. The page will list the settings that can be uniformly set, including the time zone where the screen is located, merge settings, and permission settings for subordinate cleaning or overwriting. The above three settings are individually set on the screen settings - screen information modification page of each screen record.

Merge setting is mainly used to retain programs published by both superiors and subordinates. The default setting is "do not merge", which means that programs sent between different institutions will be played in an overlapping manner. After being set to "fully merged", programs sent between different institutions will be merged into one list and played and displayed in the hierarchical order of the institutions.

Allow subordinates to clean or overwrite, mainly used to restrict subordinates from cleaning, adding, or urgently inserting screens. The default setting is "Allow All", which means that subordinate users can clean, add, or urgently insert screens. When set to 'Not allowed at all', when a program published by a higher authority is playing on the screen, lower level users cannot perform related operations such as cleaning the screen. When set to "partially allowed", users also need to check the allowed subordinate departments. Therefore, when playing programs published by superiors on the screen, only specific subordinate organizations can perform related operations such as cleaning the screen.

SETTINGS



Figure 5.4.1.10-1 Screen Unified Settings

5.4.1.11 Batch setting timed power on/off

Users can click the "Batch Set Timer Power On/Off" button on the screen management page, and add a timer plan on the pop-up "Batch Power On/Off Timer" page, as shown in Figure 5.4.1.11-1. After clicking "Add Timer Plan", select the screen on the timer settings page, as shown in Figure 5.4.1.11-2. Click "Next" to enter the page for setting the timing period, as shown in Figure 5.4.1.11-3. After clicking 'OK', generate a timing plan. On the 'Batch Power On/Off Timing' page, click 'Save' and the platform will send a timing command to the corresponding screen.

Set timing	Y1-101etc 1 scre ens	G-D	1timings	Waiting for send com mand	<u></u>
	+Add a Timing plan				

Figure 5.4.1.11-1 Batch Power On/Off Timing

Set timing							
S	1 Select screer	1			Set timi	2) ng rules	
	Usabl		Name	Please en	ter n <mark>a</mark> me	Q	
			Group	All	\sim	\$	
	Name	Width	Height	Location	Status \$	Memo	
	~ 🧰默认到	分组(10)					
	Y1-1018	720	1280	江苏-苏州-	Offline		
	Y2-2501	192	192	江苏-苏州-	Offline		
	Y08A	192	192	江苏-苏州	Offline		
	BX-6E3I	128	64	上海-上海-	Offline		
	C2	192	192	江苏-苏州-	Offline		
	¥1	720	1280	山西-太原-:	Offline		
	3288A-C	1920	1080	山西-太原-	Offline		
				· · · · · ·	<u></u>		
Multiple	e pages can be	1 2 >	10/page Selected: 0 sci	Go to	1	Total 12	
						Last step	Next step

Figure 5.4.1.11-2 Selection Screen

	Select screen		Set timing r	ules
Everyday				
Weekly	⊙Add rule (j)			
RuleMon	: Selected week: Monda	v:Tuesday:Wedne:	sday:Thursday:Friday:Sa	aturday;Sunday
Open	· 01:00:00	- Close	© 02:00:00	Θ
Open	B 03:00:00	- Close	G 05:00:00	Θ
open	0.00.00	01030	0 03.00.00	

Figure 5.4.1.11-3 Setting Timing Rules

5.4.1.12 Batch fill in screen positions

If there is a screen that has not been filled in with screen position after 30 days of addition, a page will pop up for users to batch fill in the position after entering the screen management page, as shown in Figure 5.4.1.12-1. After selecting multiple screens, click Next to enter the address information for all screens, as shown in Figure 5.4.1.12-2. Click Next to go to the confirmation page where you can edit the detailed address of the screen, as shown in Figure 5.4.1.12-3. Click OK to complete the storage of the address information.

		Selection screen Set screen information C			
	Selection screen	Set screen informa	tion Complete		
lame	Please enter conl Screen range	No address ct 🗸 🗌 Selected Q	4		
	Name	Device 🌲	Forbid sending program start times		
	yq5e	50000D6A668B526862D6D	2017/06/18 15:14:50		
	金珠三角市场	C0YQ2A1701190052	2017/06/19 10:35:57		
	昌吉延安北路电信公司	C0YQ2E1701030055	2017/06/19 20:11:55		
~	11	C0YQ2E1705040061	2017/06/20 16:37:51		
~	屏幕2	C0YQ3A1702160063	2017/06/24 16:37:59		
•	平地华辉市场	5000440AC24A000000A60	2017/06/25 11:30:47		
	沥丰市场	C0YQ2A1701190095	2017/06/25 11:32:22		
~	永盛市场	C0YQ2A1701190047	2017/06/25 11:33:25		
~	显示屏1	C06Q1B1704270130	2018/05/02 18:26:32		
	油岗旁	C0YQ2A1701190027	2018/07/04 09:20:31		
T		4 800 > 10/page >	Go to 1 Total 7995		
ultin	le names can be selected. Selected	10 screen			
ne se	reen type set in batches must be t	he same as the province, city, and cour	nty		

Figure 5.4.1.12-1 Fill in Position - Select Screen

\bigcirc			2				-(3)	
Selection s	creen	Set	screen information			Co	omplete	
Selected	10 sc 10 screen has n reen Click the button Fixed screen	o automatic on the right	: location address, 0 s to try to get the autol	creen ha	s automatic lo ddress	ocation a	ddress.	Automatically get address
Screen type*	(Please select)	~						
Regional information*	Select please	~	Select please	 ✓ Sel 	lect please	~		

	\odot			<u> </u>			3
Sele	ection scree	n	Set	screen inforr	mation		Complete
lease confi	rm whether to	o modify the add	ress informatio	n on the lower	screen		
Name	Device	Scree	n type	Home pr ovince	City in w hich one is locate d	Local co unty	Full address (Edited independently is ok)
yq5e	50000	Fixed screen	Square	北京	北京	北京	Tiananmen 🔗
金珠	C0YQ	Fixed screen	Square: 🗸	北京	北京	北京	Tiananmen 🔗
昌吉	C0YQ	Fixed screen	Square	北京	北京	北京	Tiananmen 🔗
11	C0YQ	Fixed screen	Square: V	北京	北京	北京	Tiananmen 🔗
屏幕2	C0YQ	Fixed screen	Square 🗸	北京	北京	北京	Tiananmen 🔗
平地	50004	Fixed screen	Square : V	北京	北京	北京	Tiananmen 🔗
沥丰	C0YQ	Fixed screen	Square v	北京	北京	北京	Tiananmen 🔗
永盛	C0YQ	Fixed screen	Square: V	北京	北京	北京	Tiananmen 🔗
显示屏1	C06Q	Fixed screen	Square: ~	北京	北京	北京	Tiananmen 🔗
油岗旁	C0YQ	Fixed screen	Square: V	北京	北京	北京	Tiananmen 🔗
			40/		10		

Figure 5.4.1.12-2 Fill in Position - Set Screen Information

Figure 5.4.1.12-3 Fill in Address - Confirm Information

5.4.1.13 Offline publishing

For offline screen users, the offline function can be used in screen management. Offline command publishing is now supported, as shown in Figure 5.4.1.13-1. After clicking the send button, commands can also be sent to the offline screen. After waiting for the screen to go online, offline commands will be automatically executed. The currently supported offline commands include firmware update, screen brightness, timing, power on, power off, and program cleaning.

Confirm		
Some screen is offline, do you want	to send offline mo	ode command?
	Send	Not send now

Figure 5.4.1.13-1 Offline publishing pop-up window

5.4.1.14 SIM card information inquiry

When the user uses the controller with onboard 4G module, entering the parameter settings of screen management, as shown in Figure 5.4.1.14-1, clicking to obtain SIM card information will display the signal strength of the current SIM card ICCID Operator, issuing location, issuing year, data acquisition time.

ा Parameter setup	Surplus inquiry Screen information modification O/On/off screen settings Screen shot Up
Query all parameters	Refresh Correction time Obtain screen time Obtain SIM card info Correction a
屏幕参数	Edit
注册信息	
SIM卡信息	
SIM-FIMEI	863569062595152
SIM卡当前信号强度	4
SIM卡ICCID	89***********42 📑
SIM卡运营商	中国移动(物联网)
SIM卡发行地	(Null)
SIM卡发行年份	(Null)Year
SIM卡数据获取时间	2025-04-25 0 (At present, it only supports the acquisition of SIM card information of three major operators, and 2:14:56 the read data is real-time, only for reference)
甘油	

Figure 5.4.1.14-1 SIM Card Information

5.4.1.15 Offline timeout reminder

Offline timeout reminder can be set in screen management. Click the offline reminder button, as shown in Figure 5.4.1.15-1, fill in the required duration and save.



Figure 5.4.1.15-1 Setting Offline Reminder

5.4.1.16 ScreenShot

Users can perform screenshot related operations in the screen settings, as shown in Figure 5.4.1.16-1. After clicking the screenshot now button, the control card will send a screenshot command, and after selecting the original size option, the returned screenshot will be consistent with the actual size. Delete screenshot button, click to delete unnecessary screenshots.



Figure 5.4.1.16-1 Screenshot

5.4.1.17 Screen Migration

Users can batch migrate screens to iLEDSys in screen management. After selecting the screen and clicking the migration button, as shown in Figure 5.4.1.17-1, fill in the target server IP, port, or account. After entering, click the confirm button. The page is shown in Figure 5.4.1.17-2, and after entering the image verification code and phone verification code, the migration will be successful.

Destination server IP Please enter IP Destination server p 38 38 38 38 38 38 38 38 38 38 C Custom port Target account Please enter the target account After filling in the target account, if the screen has not been bundled on the target server, it will be automa	Target server:	o ile	DSys(F	Private S	Server)						
Destination server p ort ⑦ 38	Destination server IP	Plea	se ente	r IP							
Target account Please enter the target account *After filling in the target account, if the screen has not been bundled on the target server, it will be automa	Destination server p ort [®]	38	38	38	38	38	38	38	38		Custom port
*After filling in the target account, if the screen has not been bundled on the target server, it will be automa	Target account	Plea	se ente	r the tar	get acco	1					
tically added to the target account: If you do not enter this parameter, you need to manually add it	*After filling in the targ tically added to the ta	get act	count, if	the scr If you d	een has o not en	not be ter this	en bund parame	lled on t ster, you	he targe	et serve o manua	r, it will be automa ally add it

Figure 5.4.1.17-1 Screen Migration Information Filling

Target server	iLEDSys (private server)		
Destination server I	192.168.0.72		
p Destination server p	3800,3801,3802,3803,3804,38	305,3807,3808,	
ort Account binding to	18238960519		
mobile phone	Verification code	4 N N 9	
Phone code	Fill in the verification		
	Send verification code		
If the information is in ase identify it carefully	correct, you can only modify the	screen configuration o	ffline, so ple
ase identify it carefully	,	3	

Figure 5.4.1.17-2 Screen Migration Information Confirmation

5.4.1.18 Screen grouping management

Users can click the "New Group" button on the left side of the screen control to add groups. The page is shown in Figure 5.4.1.18-1 and supports multi-level group addition for easy screen management; Users can modify group names and delete groups, as shown in Figure 5.4.1.18-2; Click on the page to move the screen to another group, as shown in Figure 5.4.1.18-3.







Figure 5.4.1.18-2 Editing and Deleting Screen Grouping



Figure 5.4.1.18-3 Moving Screen

5.4.1.19 Voice Announcements

The controller with voice module enabled in the Y series supports voice broadcasting function, which can convert text information into voice, greatly facilitating users in different usage scenarios. Users can access it in the screen management, as shown in Figure 5.4.1.19-1. The black area on the left allows for editing of the text content to be broadcasted, while the area on the right allows for setting of voice gender, speed, intonation, volume, sound effects, number pronunciation, number "1" pronunciation, number of loops, pause interval, and speed enhancement.

Please type bulletin content	Voice gender	Female voice	
	Voice speed	50	
	Intonation	50	
	Volume	50	
	Audio effect	None	
	Number reading	Numerical priority	
	The number "1" is unced	prono yao	
	Cycle number	1	
	Broadcast interval	val 1	
0 / 1000	Speech speed enh ment	ance Normal	

Figure 5.4.1.19-1 Voice Broadcast Editing Page

5.4.1.20 IO program selection function

The controller of the Y series that supports liquid level sensors can set IO program selection in the screen settings, as shown in Figure 5.4.1.20-1. Different programs can be played for different threshold values, and the triggering methods can be edited as switch triggering and sensor triggering, as shown in Figure 5.4.1.20-1.

settings 💿 Screen shot	Update firmware		© Camera management	(•) Sensor data	IO pin settings	
witch program configuration open	· ~					
rigger mode switch trig	jgered 🗸 🗸					
D pin selection	IN1	Program IN2	Program IN3	Program	IN4	
program selection (1 in the table inc	licates a closed signal,	and 0 indicates an open	circuit signal)Clear all			
IN1	1	Program				
1			··· 🛍			
		anat he sublished without				

Figure 5.4.1.20-1 Manual Trigger for IO Pin Setting

The 6th generation card has added lo pin settings, as shown in Figure 5.4.1.20-2. Users can not only control the playback of different programs through different buttons, but also control the playback of different programs through sensor interfaces such as brightness, temperature, and humidity.

nonnauon modificatio	on On/off screen settings	Screen shot	C Update firmware	Camera management	IO pin settings
Switch program config	guration open	~			
Trigger mode	switch triggered				
O pin selection					
	Program IN1(ordinaryIN1)	Program	n IN2(ordinaryIN2)	Program IN3(ordinar	yIN3)
	Program IN4(ordinaryIN4)	Program	n IN5(TemperatureTEMP)	Program IN6(Tempe UMI)	rature and humidityH
_	Program IN7(Remote controlRE	EMOTE) Program	n IN8(testTest)		
Program selection (1 IN4	IN the table indicates a closed signal	, and 0 indicates an o Progra	open circuit signal)Clear all		
0	1			··· 🛍	
1	0			···· 🛍	
*(Unreviewed program	ns can be selected, but programs ca	nnot be published wi	thout review permission)		

Figure 5.4.1.20-2 6th generation card pin settings

5.4.2 Screen initialization management

Screen initialization management is aimed at configuring parameters and MQTT functions for Z-series cards. Uploading parameter files can also modify parameters, which can also change the configuration IP of the control card. Parameter files are mainly divided into fubx files and CRT files, mainly used for uploading, deleting, and issuing parameters. As shown in Figure

5	.4	4.	2	-	1

Internet in protection Internet in protection <thinternet in="" protection<="" th=""> Internet in protection<!--</th--><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></thinternet>									
Patentary Mark Patenta	file name Please enter lie name			fie	type (All)		applicable control card model (All)		
Inter:NateApplex big (matrix)Same yelfsets:parter value (matrix)Nate (matrix)Nate (matrix)Nate (matrix)RCMARMakino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)RCMARMakino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)RCMARMaxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix)Maxino (matrix) <trr>RCMAR<th>vinformation Please enter summary inform</th><th></th><th></th><th>parameter configuration so</th><th>urce (All)</th><th></th><th></th><th></th><th></th></trr>	vinformation Please enter summary inform			parameter configuration so	urce (All)				
BR2DMa Makadaria parametika BR3DM Makh3N jakyd258 255 MB2D7 S2055011959 Markad O I S	file name 🗘	file type 🗘	Applicable card type 💲	summary information \hfill	Create Time 💲	parameter configuration source $\ensuremath{\hat{\varphi}}$	number of uses $\ensuremath{\mathbb{Q}}$	last used time $\ensuremath{\mathbb{Q}}$	Operation
B2(20)13/4.01 Oblistation parameter line Op/Ex 100, 100, 100, 100, 100, 100, 100, 100	BX-Z3 fubx	Initialization parameter file	BX-TAXI	Width 320, Height 256, 325, SM16207S	2025/04/23 17:41:36	upload	0	1	會不
SHI11498322214428200739356 MQT1 configuration configurie I	BX-23(0313).fubx	Initialization parameter file	EX-TAXI	Width: 320, Height: 256, 32S, SM16207S	2025/03/13 19 15:59	upload	0	1	愈玉
SS1136-23.1bc/24 Melkadark parametr # B47.00 Melkadis (big 225, 225, 285, 285, 285, 285, 285, 285,	50113-010A3322021403E0DD7315E0.ct	MQTT configuration certificate	T	1	2025/01/13 17:49:44	upload	0	1	③玉
B23230558.hz bitikuturi parameter B05300 W081020 / Multiple258,225,53015075 20204020 / M2935 updat 0 1 0	250113-8X-23.fubx	Initialization parameter file	BX-TAXI	Width 320, Height 256, 325, SM16207S	2025/01/13 17:49:44	upload	1	2025/01/15 11:37:29	命王
自220b0224b2 bitik2izesparament file 日57340 1061x22 bitylep2583,253,58192073 21244020 149355 11064 0 1 <	BX-Z3240306 fubx	Initialization parameter file	BX-TAXI	Width 320, Height 256, 325, SM16207S	202403/06 11:23:39	upload	0	1	@ 上
位2020s.cd MOTT configuration confident I I 2324023 MA8.4 updad 0 I () </td <td>02201ss002.fubx</td> <td>Initialization parameter file</td> <td>EX-TAXI</td> <td>Width 320, Height 256, 325, SM16207S</td> <td>2024/02/20 14:09:35</td> <td>upload</td> <td>0</td> <td>9</td> <td>命王</td>	02201ss002.fubx	Initialization parameter file	EX-TAXI	Width 320, Height 256, 325, SM16207S	2024/02/20 14:09:35	upload	0	9	命王
BK23-225.Max Methodade parametr file BE-X04 Web.320, Meg/E268, 325, SM952075 Q.2040025 195.021 upland 0 I () () 1123-0126 ord MOTT configuration carditation I I 22040025 195.013 upland 0 I ()	0220lss.ort	MQTT configuration certificate	T	Ì.	2024/02/20 14:08:40	upload	0	3	愈生
1025-012.01 M0T1 Configuration confision I 1 22340105 595.513 upbad 0 I 1	BX-23-0126 fubr	Initialization parameter file	BX-TAXI	Width 320, Height 256, 325, SM16207S	2024/01/26 19:55:21	upload	0	1	命王
BK 221155.Max httafizatio parmeter ffe BK 7000 11681.320, Height 256, 225, 581162773 22040105 22:559 upbad 2 20501165 22:59.46 III III III III IIII IIIIIIIIIIIIIIII	1129-0126.ct	MQTT configuration certificate	1	1	2024/01/26 19:55:13	upload	0	1	命业
	BX-Z30105.fubx	Initialization parameter file	BX-TAXI	Width 320, Height 256, 325, SM16207S	2024/01/05 22:55:59	upload	2	2024/01/05 22:59:46	命王

Figure 5.4.2-1 Screen Initialization Management Page

5.4.2.1 Upload parameter file

Users can click the upload parameter file button in the screen initialization management to upload the parameters required for Z-series cards, as shown in Figure 5.4.2.1-1. The page displayed after the upload parameter file button allows users to upload not only the parameters required for Z-series cards, but also MQTT parameter files. You can click the "File Upload" button to select the file you want to upload, or drag and drop it to the designated location for file selection, as shown in Figure 5.4.2.1-1. After the upload process is completed, the screen initialization



management page will display the newly added parameter file record.

Figure 5.4.2.1-1 Uploading Parameter Files

5.4.2.2 Delete parameter file

Users can select the parameter configuration file they want to delete and click the delete selected record button below to delete the parameter configuration file.

5.4.2.3 Distribute parameter configuration files

After the user clicks on the parameter configuration file they want to issue, as shown in Figure 5.4.2.3-1, the screen that can be issued will be displayed. Users can search for the issued screen based on the screen name, model, and device number. If the screen is not selected, the parameters cannot be issued. After clicking on the option, the configuration file will be automatically issued and the issuance dialog box will be closed.
creen name				ontrol ca	rd model	(All)		\sim	QQuery
Device					Status	Onlir	1e	~	⊲Reset
Scr	een name	¢	app	olicable contro ard model 🌲	ol c	Devi	ce ‡		Status 🌲
				No	content				
0	3	1	>	10/page	~	Go to	1	Total 0	
ultiple pages	can be se	electe	d. Selec	ted <mark>0</mark> blockSc	reen				

Figure 5.4.2.3-1 Issuing Parameter Configuration File

The user sends the MQTT parameter configuration file and clicks on the "Sending" button behind the MQTT configuration file to select the MQTT protocol enable status, as shown in Figure 5.4.2.3-2. There are two options: enable and disable. The unique authentication flag can be selected as either not default or customized, and customization requires manual filling. Whether to use a certificate is divided into "yes" and "no". Please enter the MQTT server, subscription message topic name, publication message topic name, QoS level, certificate path, user login name, and user password to complete the configuration of the MQTT protocol. Please note that these fields must be filled in, otherwise the next screen selection cannot be made. Issued as shown in Figure 5.4.2.3-3.

1		2
Configure the MQTT pro	tocol	Selection scree
Status of the MQTT pr	Enable \diamond	
otocol		
MQTT server		
Subscribe to the mess		
age subject name		
Publish the message t		
opic name		
QoS level	0 ~	
Unique authentication	默认 🗸	
mark		
Whether to use a certif	No	
icate		
Certificate location (Ce		
rtificate name)		
oser login name		
User password		

Figure 5.4.2.3-2 MQTT Parameter Configuration File

After setting the MQTT configuration parameters, the user clicks on the next button in the bottom right corner to enter the selection screen page, as shown in Figure 5.4.2.3-3. Please note that only online screens can be selected here.

ertificate		×
		2
		Selection screen
introl card model	(All)	✓ Query
Status	Online	Reset
oplicable control c ard model ¢	Device ‡	Status 🌲
No content		
10/page v G	So to 1	Total 0
cted 0 blockScreen		
	÷	.ast step Submit→
	ertificate	ertificate Introl card model (All) Status Online Oplicable control c ard model \$ No content 10/page Go to 1 cted 0 blockScreen

Figure 5.4.2.3-3 MQTT Configuration Certificate Issuance - Selection Screen

5.5 Material Management

5.5.1 Material List

Users can perform relevant operations on materials in the material management page of resource management, as shown in Figure 5.5.1-1. Users can add, delete, search, edit, download, and view materials, as well as group them, and the left side can quickly add groups. Annotations for some operation buttons on the material management page are shown in Table 5.5-1.

Name Call (A) 2377 (prg (25569C75523412b.) 2554 (prg) (24504075523412b.) 2554 (prg)	Type 0 Image Video Image Image	580 0 2943 3M 12643	vype (2 is it raw material (2 Process status 0 92:88:82	a) Have used © No Yes	Can downLoad © Yes	Allow API use 0 No	Uploading user 3	Upleading time © 2025/05/14 16:34:59	Approving status ©	Comment ©	Operation
Name 0 12317 (peg c865e0c71st23412b 554 png 624coart154e59034	Type 0 Image Video Image Image	Size 0 2945 3M 12648	Process status 0 处理成功 处理成功	Have used 0 No Yes	Can downLoad © Yes	Allow API use 0 No No	Uploading user ‡	Uploading time © 2025/05/14 16:34:39	Approving status ©	Comment ©	Operation
12317 (prg c865e0c79s23412b 554 prg 624bba/154e9903d	Image Video Image	2945 3M 12948	处理成功 处理成功 处理成功	No Yes	Yes Yes	No No		2025/05/14 16:34:59	0		<i>∎</i> В .
c865e0c79423412b. 554.png 52400af134e8903d	Video Image Image	3M 126KB	处理成功 处理成功	Yes	Yes	No					
554.prg 6240ba/134e8903d	Image	126KB	处理成功					2025/05/13 16:21:52	0		∅ 8.
624bbar134e8903d	Inage			No	Yes	No.		2025/04/50 23:58:14	0		Ø 🖪 .
		8583	Successful treatment	No	Yes	No	110000	2025/04/29 17:28:16	0		Ø 🖪 .
0088048286478275	image	238KB	Successful treatment	No	Yes	No		2025/04/29 17:28:15	0		Ø 8 .
70c5e22c0791c525	Image	193KB	Successful treatment	No	Yes	No	1000	2025/04/29 17:28:14	0		Ø 8.
56013a3a0bb55a86	Image	8483	Successful treatment	No	Yes	No	1.000	2025/04/29 17:28:13	0		Ø B .
420C71E7263E654	Image	449KB	Successful treatment	No	Yes	No		2025/04/29 17:28:12	0		08.
41f8933cbfcbfae7c	Image	8883	Successful treatment	No	Yes	No		2025/04/29 17:28:11	0		Ø 🖪 .
45611.jpg	Image	314KB	Successful treatment	No	Yes	No		2025/04/29 17:18:37	0		0 B .
	PResezentimental Status Status	726422/0714323 Image 50513x3005060 Image 420C71E/758584A Image 410033x240x87C Image 45611 jg Image	2054/220794123- Image 15368 505153/400656486- Image 6445 40007167352554- Image 44468 41905306556476-7: Image 6463 45511 jaj Image 51463	20542242915432 Image 1934 Buczenski treatment 505154240265484 Image 5443 Succenski treatment 602071E7254554 Image 45493 Succenski treatment 419052645867 Image 4543 Succenski treatment 45511 jaj Image 31453 Succenski treatment	7254220734323. Hage 1320 Bacenski Istanteri No 90315420585466. Inage BAS Successif Istanteri No 40CCT#27058554. Inage 44K6 Successif Istanteri No 4100254204672. Inage 8463 Successif Istanteri No 45011.jg Inage 8463 Successif Istanteri No	P264224074632. Hage 19201 Bacematinationer No No Yes 50513436456486. Image 6423 Successful Instiment No Yes 420271472328564. Image 44963 Successful Instiment No Yes 4109224510472. Image 8903 Successful Instiment No Yes 455113g1 Image 8903 Successful Instiment No Yes	7254224074632. Hage H3261 Succendul Heatiment No No No 503135585656. Image 6403 Succendul Heatiment No No No 400071672368564. Image 4696 Succendul Heatiment No No No 400071672368564. Image 4696 Succendul Heatiment No No No 410070520516670. Image 4696 Succendul Heatiment No No No 4001193 Image 4696 Succendul Heatiment No No No	72552253916325. Image 9258 Successful freatment No No No 926135555556. Image 6403 Successful freatment No No Image Image Image Image Image No Image Image Image Image Successful freatment No Image Image <td>ZSC42207310323. Impge TIXXB Recreated stratement No No No 202504201223.1 S021310205300000. Image 64/80 Recreated stratement No No No 202504201723.13 S02131020530000. Image 64/80 Recreated stratement No No No 202504201723.13 S02151202053000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 20250420173.137 S020151201 Image 64/90 Soccessfor Stratement No No No 20250420173.137</td> <td>ZSS422217111232. Image XISOI Bacosski treatment No No ZSS542251711123 Q SS215132682554866. Image 84/90 Saccsski treatment No No ZSS5422517123 Q SS215132682554866. Image 84/90 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 84/90 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 86/80 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 86/80 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 34/80 Saccsski treatment No No ZSS542251723 Q R100125615697 Image 34/80 Saccsski treatment No No ZSS542251723 Q</td> <td>72.5522/3714323. Hage 1358 Second Frantee No No No Second Frantee O 5015.440655646. Image 6445 Second Frantee No No No 20254291223.1 O 400CT1E/7581584. Image 6448 Second Franteet No No No 20254291223.1 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet No No 20254291224.2 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet No No 202542917281.2 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet O <tdo< td=""></tdo<></td>	ZSC42207310323. Impge TIXXB Recreated stratement No No No 202504201223.1 S021310205300000. Image 64/80 Recreated stratement No No No 202504201723.13 S02131020530000. Image 64/80 Recreated stratement No No No 202504201723.13 S02151202053000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 202504201723.13 S02015120205000. Image 64/90 Soccessfor Stratement No No No 20250420173.137 S020151201 Image 64/90 Soccessfor Stratement No No No 20250420173.137	ZSS422217111232. Image XISOI Bacosski treatment No No ZSS542251711123 Q SS215132682554866. Image 84/90 Saccsski treatment No No ZSS5422517123 Q SS215132682554866. Image 84/90 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 84/90 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 86/80 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 86/80 Saccsski treatment No No ZSS542251723 Q R100025615697 Image 34/80 Saccsski treatment No No ZSS542251723 Q R100125615697 Image 34/80 Saccsski treatment No No ZSS542251723 Q	72.5522/3714323. Hage 1358 Second Frantee No No No Second Frantee O 5015.440655646. Image 6445 Second Frantee No No No 20254291223.1 O 400CT1E/7581584. Image 6448 Second Franteet No No No 20254291223.1 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet No No 20254291224.2 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet No No 202542917281.2 O 41002.52516407. Image 6498 Second Franteet No No Second Franteet O <tdo< td=""></tdo<>

Figure 5.5.1-1 Material Management Page

Table 5 5-1	Material N	Janagement	Page	Button	Function A	Annotations
Table 5.5-1	Material N	nanagement	rage	Dunon	Function /	Annotations

button	Function Introduction
E	View button, click to enter the detailed interface of the record.
Ø	Modify button, click to enter the edit material page.
\checkmark	Download button, download the current material file.
0	Click the 'Apply for Trusted Font' button to apply for a trusted font.
(+)	The add material button will pop up the upload material page after clicking,
	allowing for batch uploading.
圃	Delete material, click to delete material.
0	Refresh button, click to refresh the list page.
20	Group management button, click to view the current group and perform
	operations such as adding, modifying, or deleting
	Move material button. After selecting the material, click this button to transfer
	it to another group
40 10	The material setting button can set the display range of materials and trigger
	cleaning conditions.

5.5.1.1 Add materials

When producing a program, in addition to the screen, materials are also required. Users can complete the operation of adding materials by clicking the add button on the material management page (note that before adding materials, they need to select the group uploaded by the materials on the left side of the page). After clicking the add button, a batch upload material page will pop up, as shown in Figure 5.5.1.1-1. Users can modify the "downloadable", "allowed API use", and grouping information of the materials on this page. Click on 'Add File', select the materials (documents, images, videos, PDF files, fonts, and live video sources) that need to be added, and click upload. During the material upload process, users can close the upload dialog box and enter other pages to perform other operations. The upload and processing of materials are carried out in the small window shown in Figure 5.5.1.1-2. After the upload process is completed, the material management page will display the newly added material records.

A <mark>d</mark> d material	Add live URL			Uploa	ad to:	pleas	se select group	
Filename	Size	Туре	Can dow nLoad	Allow AP I use	Purp	ose	Uploadin g progres s	Delete
			No Data					
		Click or drag	g the file here to	o upload it dire	ectly			

Figure 5.5.1.1-1 Material Upload Page

	(aOld version)	?	φ	E ₀	4	Wek	come
✓ Currently have1Missions			Cance	el all 14	Onlin	ne rate: 0%	
Process material[5.21.mp4]			15%	×	0.0		
Converting and compressing file					Quer	У	
View Task Details →					<a>AReset	t	

Figure 5.5.1.1-2 Upload Window

The Y series controller supports playing live video sources, so a "Add Live URL" button has been added to the material upload page of the material management. Users can add live video sources through this button, as shown in Figure 5.5.1.1-3. Currently, only RTMP, RTSP, and HTTP addresses are supported.

Bulk upload mat	Confirm		×	×
Add material	Name:	Please enter name		
L	Live video URL:	Please enter the live address	adin	
Filename		Confirm	igres	Delete
		NO Data:		
	Cir	k or drag the file here to upload it directly		
			upload	Off

Figure 5.5.1.1-3 Adding Live Video Source Address

5.5.1.2 Modify material information

When the user clicks the edit button behind the material, a material editing page will pop up, as shown in Figure 5.5.1.2-1, where the user can modify the name and comments of the material.

Edit material	×
Name	12317.jpeg
Туре	Image
Can downLo ad	Yes 🗸
Allow API us e	No \checkmark
Remark	Please enter remarks
Group	默认分组 🛛 🗸
✓ s	ubmit × Cancel

Figure 5.5.1.2-1 Material Editing Page

5.5.1.3 Video transcoding

The platform supports online transcoding of video files uploaded by users, without the need for users to perform multiple transcoding operations locally. When users publish programs with video files, if the platform finds that the controller does not support the video file, it will automatically perform transcoding operations based on the controller's screen parameters before publishing the program. After transcoding is completed, the user's material management will add a record of the transcoded video file, as shown in Figure 5.5.1.3-1.

\Im Home $ \rangle $ manage $ \rangle $ material												Total numb	per of screens: 14	Online rate: 0%	
Material grouping 🕅 🛛 🕊		Nam	е		Туре	(All)		v	Commen	i				QQuery	
+ New and mina		Approving statu	IS (AII) v	ls	t raw material	No		v						G Reset	
* mitrigrouping * 逾个人账号则试1[0 01036](Preview	Name 🛱	Type 👙	Size ≑	Process status 🖨	Have used 👙	Can downLoad ‡	Allow API use 🗘	Uploading user ‡	Uploading time	Approving status ‡	Comment $\stackrel{+}{_{\mp}}$	Operation	
□ 駅以分组 (252) □ 图片 (30) □ 初版 (18)	2		mda-qiv1szsqzc2nxlb.mp4 – (BX-Y3:160p)	Video	2M	Finish	No	Yes	No	个人账号测试1	2025/04/27 10:2	0		Ø 8	¥
□文本 (4) □7.31 (9) □1016 (1)			祝祭5.mp4(BX-Y08A.160p)	Video	1010KB	Finish	No	Yes	No	个人账号测试1	2025/04/25 19:1	0		02	¥
☐ 12.17 (3) ☐ 2005 (5)	V	(*	v0300g10000cc14/2rc77ubqsum960.MP4 - (BX-Y084-160p)	Video	257KB	Finish	No	Yes	No	个人账号测试1	2025/04/25 19:1	0		Ø 8	⊻

Figure 5.5.1.3-1 Video file generated after transcoding

5.5.1.4 Delete material

Users can delete materials on the material management page. For unused materials, they will be immediately deleted after confirmation. For used materials, select them and click the delete button. The page will pop up as shown in Figure 5.5.1.4-1, displaying the current usage status of the material. If the user only checks "Force deletion of materials" and clicks "Delete", the record of the material will be deleted. Programs that have used the material will prompt that some materials have been deleted and cannot be published normally. If the user selects "Force deletion of materials" and "Force deletion of programs and playlists", the programs and playlists that have referenced the materials will be deleted together.

Material nameUsed by the following pro gramsUsed by the following ylists117152.PNGA-老版本;20250425-Y;单节目列表A-老版本	he following material has b	een used	
117152.PNG A-老版本;20250425-Y; 单节目列表A-老版本	Material name	Used by the following pro grams	Used by the following pla ylists
	117152.PNG	A-老版本;20250425-Y;	单节目列表A-老版本;
Force delete material Force deletion of programs and playlists	Force delete material	ns and playlists	

Figure 5.5.1.4-1 Occupation of Materials

5.5.1.5 Management Group

The platform supports users to group and manage materials. Users can click the "Group Management" button on the material management page to view the visible group information of the current user, as shown in Figure 5.5.1.5-1. Individual users have a 'default group', while each institution under the enterprise account has a 'default group'. The 'default group' cannot modify the group name and cannot be deleted.



Figure 5.5.1.5-1 Management Grouping

If the user wants to create a new group, they only need to click "Create Group", and a page as shown in Figure 5.5.1.5-2 will pop up, where they can enter the group name. Users can create new groups on pages such as batch uploading materials, managing groups, and editing materials.



Figure 5.5.1.5-2 Creating Groups

If the user wants to modify the group name of an existing group, they only need to select the corresponding group on the group management page and click the "Modify Group" button to modify the group, as shown in Figure 5.5.1.5-3.



Figure 5.5.1.5-3 Modify Grouping

Users can also delete groups by selecting them on the group management page and clicking "Delete Group". If there are no materials in the group, the group will be deleted after user confirmation. If there are materials in the group, clicking the "Delete Group" button will prompt that there are materials in the group that cannot be deleted, as shown in Figure 5.5.1.5-4.

E LEDCioud Mutimedia Releasing Pl	afform LCI	Wersion LEDVersion 1	ØHome ≡Full function Program list Program Release	The number of s	creens in the group is r	ot 0. Delete the screen o	r move to another gro	up to delete the group				(ACIII VEISION 2)	0 9 P	C ^e Swekome
G Home > manage > material												Total numb	er of screens: 14	Online rate: 0%
Material grouping ③		N	lame		Type (All				Commer	¢				Query
+ New grouping		Approving st	tatus (All)	× 1	s it raw material (All									DiReset
- 五个人账号期试10 01 Deleta		Preview	Name ©	Туре 0	Size 0	Process status	Have used ©	Can downLoad	Allow API use 0	Uploading user ¢	Uploading time	Approving status	Comment 0	Operation
二里片 (30) 二現職 (18) 二文本(4)		-	5935b/77a6daf1eb4c9abd89c113b.jpeg	Image	72KB	处理成功	Yes	Yes	No	个人账号数试1	2025/04/22 14.4	0		0 E ±
(17.31 (9) (1016 (1) (12.17 (0)			192080 JPG	Image	601KB	处理成功	Yes	Yes	No	个人账号测试1	2025/04/22 14.4	0		0 B 坐
2025 (5) 25.3.13 (13)		4	117152.PNG	Image	307KB	处理成功	Yes	Yes	No	个人账号测试1	2025/04/22 14:4	0		0 🖪 坐
4.17 (8)		1	117084.jpg	Image	75KB	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14:4	0		0 2 4
			103381.png	image	834KB	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14.4	0		0 R Ł
		1	55224 png	Image	22268	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14.4	0		0 B ±
		m-	979a965530d1a65675d8319b48883.jpg	Image	246KB	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14.4	0		084
			491D00C3D0996F8D07E3360E5BC30D.prg	image	1M	处理成功	Yes	Yes	No	个人账号删试1	2025/04/22 14.4	0		0 B ±
			132F41B213DBCD4EC3C06204ADD533AB.png	Image	114	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14.4	0		0 B ±
		·** .	52e66649f708834cf8166c3c0f6c.jpg	Image	255KB	处理成功	No	Yes	No	个人账号测试1	2025/04/22 14.4	0		<i>●</i> ■ ±
		1200	35bc63be5605e8d8097412071911,pg	Image	130KB	处理成功	Yes	Yes	No	个人账号则试1	2025/04/22 14:4	0		0 E ±
			110 jpeg	Image	58KB	处理成功	Yes	Yes	No	个人账号游店1	2025/04/22 14.4	0		0 B ±
		(A)	23r5434h35.gt	Video	SKB	处理成功	Yes	Yes	No	个人账号测试1	2025/04/22 14.4	0		0 2 2

Figure 5.5.1.5-4 Unable to delete group prompt

5.5.1.6 Mobile materials

After selecting the material that needs to be moved, the user clicks the "Move Material" button on the material management page to pop up the group selection page, as shown in Figure 5.5.1.6-1. Select the group that needs to be moved to and click "Move" to complete the batch material movement operation. Users can also modify the grouping of materials on the editing page.



Figure 5.5.1.6-1 Selecting Grouping

5.5.1.7 Material settings

Users can set the display range of materials in the material settings of the material management, as shown in Figure 5.5.1.7-1, which includes displaying only original materials, displaying only transcoded materials, and displaying all materials. The triggering cleaning condition can be set according to the remaining space size. When the remaining space is less than the set value, the material will be automatically cleaned up. The scope of material cleaning can be set according to different material types, and an automatic cleaning time needs to be set. When the material exceeds the set upload days, it will be automatically cleaned up.

Setup			×
Scope of displa y	Show all material \sim		
Trigger cleanup condition	Not clear Clean up at a Residual space less than	MClear	
Material cleanu p area	API only material \sim	Uploaded more than 7 da $ \smallsetminus $	
Forced clean	ing of material when occupied		
		Save	Cancel

Figure 5.5.1.7-1 Material Settings

5.6 Paid services

5.6.1 Package and Services

The package and service page will display to users the specific content introduction of two ordinary annual fee packages and eSIM card specific packages provided by the platform, including basic screen package, advanced screen package, SIM data package, as well as capacity expansion package and data refueling package, as shown in Figure 5.6.1-1.

@ Home > service > packageAndService			Total number of screens: 4 Online rate: 0%
	Basic screen Package	Premium Screen Package	SM法最密码
Easic annual fee	CORREDUCTION Industry 126 program and traffic Industry 126 program and traffic Industry secondary development, ingliand inlease, synchronous combination, sensor management, doud monitor growner (in addition to mail-term emonitoring) and other advanced functions. Common release times with 10,000 according development advanced functions. Constance Their science can infly automatic purchase in the first year, and 550 coupon benefits in the next year r	SORMEB:coren/Year • Includes 150 program high-speed transmission haffs: • Common nelesse: • Includes 150 program high-speed transmission haffs:	 · 使我是整義(15万50000年)(25万50年)(6万500年)(6万500年)(15万50年)(15万570年) · 电报告基案(15万5160年)(6万550年)(6万570年)(150570年) · 思報告訴加於:世界和基本的構成[20]一次可定。 · 思報告訴加於:世界和基本的構成[20]一次可定。 · 医解析加於:世界和基本的構成[20]一次可定。 · 医解析加於:于一, 影响和注意的特征是主教的解释和意义的解释的思想。 · 医解析加於:于一, 影响和注意的特征是主教的解释和意义的解释的思想。 · 常见如天我 Chable · Chable
Uata supplement package	20RMB/10G Stording data • If the sent traffic of a single screen exceeds the 12G included in the original package within one year, or if high-speed • This data package can be shared with multiple screens, but can not be parchased separatively, and all the screens in th • This staffic supplement package can be stacked, and the annual fee will not be paid after the end of the annual fee pairs • This staffic supplement package can be stacked, and the annual fee will not be paid after the end of the annual fee pairs • This staffic supplement package can be stacked, and the annual fee will not be paid after the end of the annual fee pairs • This staffic packate is a high-speed taffic packat, and you can enjoy high-speed pathisting when you pathish using the * The data relating package can only be used for basic and previous plane, and cannot be used with SM data plane Circle bary	tarific is required, you need to purchase this baffic refueling package. e package can be rejoyed. That is, after purchasing a traffic package, the excess sort traffic in other packages will be deducts dage. Excess of this traffic. If the scesen has no high-speed baffic, the packat traffic is preferentially used. If the screen has high-spee re	ef from the traffic package. d traffic nemaining, its com traffic is proferentially used
Space expansion package	30RMB/4G/Year _{Spece} • If the space capacity for storing materials and programs is not enough, the capacity expansion pack can be purchased. • This expansion pack can be shared with multiple screens, but it cannot be purchased separately and all screens inclus. • This expansion package can be supprimposed, the widting is 1 year, after the explorition in ort removed, the capacity can be system will delite part of the material in the order of uploading time is end the expansion pack service. • Conclusion	l ded in the pectage can be enjoyed. That is, for each shared package purchased, the user's total allocated capacity increases of the expansion package will be deducted from the total capacity. If the remaining capacity is insufficient, the system will temp	by 4G. xelly retain for 2 months, during which no material can be uploaded. If the user does not nerve the subscription after 2 mo
Ensic SMS parkage	 100 RMB/1000 Times/Year/under of SMS messages This basic SMS package is applicable for receiving SMS verification codes. When the number of SMS is insufficient, y This basic SMS package supports multiple accounts under an enterprise account to share the number of SMS messages This basic SMS package can be studied, and to validity period is one year from the purchase date. If there are multiple space is used or or the validity period explex, the user can only use the two methy SMS. Clot blary 	on can purchase this package. yes It bank SMS packages under the user's account, the next bank SMS package will be automatically continued after the current	cont's SMS quota is exhausted or its validity period expires. If there are no subsequent basic SMS packages after the SM 游话 Windows ##BYT@#YY1995 Windows
Other instructions	One control card can only have one package the basic package premium package (SIM card data package, and the Suzhou Yunping	unused part of the original package will be automatically abandoned (non-retundable principle). Media Technology Co., Ltd. Yangbang Holdings ©2016-2025	ACCO AND AND AND A THIRD AND A

Figure 5.6.1-1 Packages and Services

5.6.2 order management

Users can view the order information under the current organizational structure on the order management page, as shown in Figure 5.6.2-1. Users can also make payments, change payment methods, cancel, and view order details on the current page. The platform supports two payment methods: online payment and corporate bank transfer. Users can check multiple unfinished orders on the order management page and click the "Pay" button in the bottom left corner to merge payments.

ame > service > order							Total number of screens: 4 Online rate: 0%
Order number	Please enter the order number		Boyer Please enter the	tuyar	Order status (AII)		Q.Query
Invoice status	(AII)						QReset
Order number 0		Creare time 0	Amount / RMB 👙	Buyer 🔅	Order status 👙	Invoice status 🗧	Operation
25043016085100685338	56	2025/05/01 00:08:51	0.0	100	Finished	Non invoiced	
> 25042110264600685342	12	2025/04/21 18:26:46	0.0		Finished	Non invoiced	
> 25031816420500685353	3	2025/03/19 00:42:05	0.0	100	Finished	Non invoiced	
> 25011910072100685396	6	2025/01/19 18:07:21	0.0	100	Finished	Non invoiced	View
> 25011619285600685366	6	2025/01/17 03:28:56	0.0	100	Finished	Non invoiced	View
> 25011619213100686330	10	2025/01/17 03:21:31	90.0	100	Invalid(Timeout)	Nan invoiced	View
> 25011619043300685358	8	2025/01/17 03:04:33	0.0		Finished	Non invoiced	
24102517084300685384	34	2024/10/26 01:08:43	0.0		Finished	Non involced	View
24102516524600685340	17	2024/10/26 00:52:46	0.0	100	Finished	Non involced	View
24102516394300685338	6	2024/10/26 00:39:43	0.0	1000	Finished	Non invoiced	View
	anna 1 🛞 Editoria				0.0 1 Tel 1		激活 Windows 新聞 设置 记题话 Windows,

Figure 5.6.2-1 Order Management

5.6.2.1 payment

The user only needs to click the "Payment" button behind the order to enter the payment process, and can choose online payment (Alipay can be used for users in China, and PayPal can be used for users in international stations to purchase packages) or corporate bank transfer, as shown in Figure 5.6.2.1-1. After successful payment, the order status will automatically refresh, and the corresponding purchased product content will be immediately added to the corresponding screen or organizational structure.

Confirm purchase	Pay		3 Purchase successfully
Order submitted succe	ssfully, please pay asap!	Beneficiary name: :	Suzhou iLedCloud Network Technology Co.,L1 Amount payable60 RM
Order content	Order number	Transaction number	Transaction amount / RMB
Basic planx1,Senior planx0	25060501465400685395	25060501465400685389	60
Pay by AliPa y Transfer to corp rate bank	D		
have read Suzhou iLEDCloud Media Techr	ology Co.,LTDPayment Agreement		

Figure 5.6.2.1-1 Payment

If the user selects Alipay, click Next to enter the Alipay code scanning payment page, and the user can open Alipay with his mobile phone for code scanning payment, as shown in figure 5.6.2.1-2.



Figure 5.6.2.1-2 Alipay

If the user chooses to transfer money to a corporate bank, clicking next will enter the page for filling in the bank account information for corporate bank transfer, as shown in Figure 5.6.2.1-3. After the user fills in the corresponding information and submits the payment to the platform account, the platform's financial personnel will confirm it. After confirming that the payment is correct, the order status will automatically refresh, and the corresponding package or fuel package will also take effect immediately. In addition, after submitting a corporate bank transfer order, it can be changed to another payment method within 5 hours, but cannot be changed after 5 hours.

Confirm pure	chase	Pay	Purchase successfully
Order submitted	l successfully, please pay asa	Beneficiary name	Suzhou iLedCloud Network Technology C Amount payable60
Order content	Order number	Transaction number	Transaction amount / RMB
Basic planx1,Senior planx	x0 25060502152300685386	25060502152300685321	60
Beneficiary bank account: \$ Bank Number: 3253252040 Bank of deposit: Bank of Co 3ank info	Suzhou iLedCloud Network Technology Co.,LTD)18800014394 ommunications Co., Ltd. Suzhou Wuzhong Economic an	d technological Development Zone branch	
Beneficiary bank account: S Bank Number: 3253252040 Bank of deposit: Bank of Co Bank info Please in 9Day23Hour59Mi	Suzhou iLedCloud Network Technology Co.,LTD)18800014394 ommunications Co., Ltd. Suzhou Wuzhong Economic an nute59Second internally through Online Banking Serv	d technological Development Zone branch	
Beneficiary bank account: S Bank Number: 3253252040 Bank of deposit: Bank of Co Bank info Please in 9Day23Hour59Mi Please fill in the transfer acc * Estimated time of arrival	Suzhou iLedCloud Network Technology Co.,LTD)18800014394 ommunications Co., Ltd. Suzhou Wuzhong Economic an nute59Second internally through Online Banking Serv ount information: Please select an estimated t	d technological Development Zone branch	
Beneficiary bank account: S Bank Number: 3253252040 Bank of deposit: Bank of Co Bank info Please in 9Day23Hour59Mi Please fill in the transfer acc * Estimated time of arrival * Beneficiary bank name	Suzhou iLedCloud Network Technology Co.,LTD 18800014394 ommunications Co., Ltd. Suzhou Wuzhong Economic an nute59Second internally through Online Banking Serv ount information: Please select an estimated t Please enter the bank account name	d technological Development Zone branch	
Beneficiary bank account: S Bank Number: 3253252040 Bank of deposit: Bank of Co Bank info Please in 9Day23Hour59Mi Please fill in the transfer acc * Estimated time of arrival * Beneficiary bank name * Bank Number Beneficia	Suzhou iLedCloud Network Technology Co.,LTD 118800014394 sommunications Co., Ltd. Suzhou Wuzhong Economic an nute59Second internally through Online Banking Serv ount information: Please select an estimated t. Please enter the bank account name ary bank account	d technological Development Zone branch	
Beneficiary bank account: S Bank Number: 3253252040 Bank of deposit: Bank of Co Bank info Please in 9Day23Hour59Mi Please fill in the transfer acc * Estimated time of arrival * Beneficiary bank name * Bank Number Benefici Tips: 1. Please fill in the transfer in	Suzhou iLedCloud Network Technology Co.,LTD 118800014394 sommunications Co., Ltd. Suzhou Wuzhong Economic an nute59Second internally through Online Banking Serve ount information: Please select an estimated t Please enter the bank account name ary bank account formation for payment confirmation, if you do not fill in the	d technological Development Zone branch ice or Bank counter Complete transfer money ne transfer information, the order will always be	unpaid

Figure 5.6.2.1-3 Corporate bank transfer

5.6.2.2 cancellation of order

Users can click the "Cancel" button behind the "Pending Payment" order to cancel it, as shown in Figure 5.6.2.2-1. After successful cancellation, the status of the order will change to 'closed'.

Cancel an orde	r					×
Order number:2506 Creare time:2025/04 Buyer	050218070068532 6/05	1				
Screen name	Comment ‡	Department ‡	Current plan ‡	Data package t ype 🜲	Purchase data package quanti ty ÷	Data package e xpiration time a fter purchase ‡
C1A		1000	Basic plan (2025	Basic plan	1	2026/06/06 0
					U have select: Basic plan <mark>1</mark> pri	ce 60 RMB/package favorable:0RMB Total:60元
					Confirm cano	cellation



5.6.2.3 view order details

Users can view the details page of the current order by clicking the "View" button behind it, as shown in Figure 5.6.2.3-1. If the payment/pending order is checked, the details page will prompt the remaining payment time. If the user fails to complete the payment within 10 days, the platform will determine that the order is invalid and the user will not be able to make the payment and will need to place a new order for purchase.-

Current order state Click here F If you don't	us: pending payment, u P <mark>ayment</mark> want to buy it, that's fin	ntil the order expires9D eCancel an order	ay20Hour34Minute50Sec	ond	
Order number:25060! Creare time:2025/06/ Buyer:	502180700685321 05 10:18:07				
Name ‡	Comment ‡	Department 🗘	Current plan 💲	Type 🌲	Number ‡
C1A			Basic plan (2025/05	Basic plan	1
				U have sel Basic plan	lect: 1 price 60 RMB/packag favorable: RM Total: 6 ORM

Figure 5.6.2.3-1 Viewing Order Details

5.6.2.4 Invoice header management

If the user wants to add an invoice header, they can directly click the "Edit Header" button in the bottom left corner of the page, which displays the invoice header management pop-up box. They can perform operations such as adding, deleting, and modifying invoices, as shown in Figure 5.6.2.4-1. The specific addition rules are shown in Figure 5.6.2.5-3, Figure 5.6.2.5-4, and Figure 5.6.2.5-5 in the electronic invoice issuance section of 5.6.2.5-2.

	Name	Туре	Operation
	Test 1 [default]	Personal	Editor
	Test 2	Personal	Editor
	Test3	Business	Editor
前丨	0 (1)	10/page V Go to 1 To	tal 3

5.6.2.5 Issuing electronic invoices

If the user needs to issue an invoice, they can click the "Go to Invoice" button on the completed payment order to issue an invoice, as shown in Figure 5.6.2.5-1, to enter the invoice issuance page. The invoice types are VAT ordinary invoice and VAT special invoice. Note: The process for value-added tax ordinary invoices and value-added tax special invoices is the same.

Invoicing	×
3 Select the billing type	2 Fill in the billing information
Please select the billing type	VAT special invoice \checkmark
	 Previous ste Next →

Figure 5.6.2.5-1 Invoice Issuance

After clicking "Next", enter the page for filling in invoice information, as shown in Figure 5.6.2.5-2. If no default header is set, you need to click the "Add Invoice Header" button to select a header or add header information. If no header has been added, you need to click the "Add Header" button in the invoice header management pop-up box to add header information. The header type can be either personal or corporate, as shown in Figure 5.6.2.5-3.

Invoicing		×
1	2	
Select the billing type	Fill in the billing information	
	发票类型: VAT special invoice	
	mvoice type. Personal	
	Invoice header: 测试	
	Change invoice header \rightarrow	
	Invoice amount: 0.01	
*The invoice is irrevocable after succ	cessful issuance, please check the invoice information carefully!	
		_
	- Previous ste Submit	÷

Figure 5.6.2.5-2 Filling in Invoice Information

Header type	Personal	^)*
Name	Personal	*
*The following informa	ation is I Enterprise	
Set as default		

Figure 5.6.2.5-3: Added header

Click on 'New Header' to edit header information, as shown in Figure 5.6.2.5-4. Please enter a name to select the header type, which can be either a company or an individual. If the header type is enterprise, as shown in Figure 5.6.2.5-5, please enter the name, tax number, opening bank, bank account, enterprise address, and enterprise number.

Personal	<> *
Please enter name	×
ation is not mandatory	
	Personal Please enter name Ition is not mandatory

Figure 5.6.2.5-4 New Invoice Header (Personal)

Header type	Enterprise
Name	Please enter name
Duty paragraph	Please enter tax number
*The following informatio	n is not mandatory
Bank of deposit	Please enter your bank
Bank account	Beneficiary bank account
Enterprise address	Please enter the business address
Unit number	Please enter the business number
Set as default	

抬头类型	企业	~
名称	请输入名称	
说号	请输入税号	
以下信息非必填		
开户银行	请输入开户银行	
艮行账号	「请输入银行账号	
è业地址	请输入企业地址	
		0 / 250
è业号码	请输入企业号码	
受为默认		

Figure 5.6.2.5-5 New Invoice Header (Enterprise)

If the user has added a header and set a default, it will be displayed directly on the invoice information page. If you need to change the header, you can click the "Change Invoice Header" button, as shown in Figure 5.6.2.5-6.

1	2
Select the billing type	Fill in the billing information
	发票类型: VAT ordinary invoice
	Invoice type: Personal
	Invoice header: 测试
	Change invoice header \rightarrow
	Invoice amount: 0.01

	Previous ste	Submit →
Figure 5.6.2.5-6 Default Head up Display		
To change or modify the invoice header, you can click on "Change Invoice Head	ler" to input	t
the header, as shown in Figure 5.6.2.5-7. After saving, select an invoice header and o	click "Set as	5

Header" to return to the invoicing page.

8	Name	Туре	Operation		
V	测试【default】	Personal	Editor Set to head		
	Test 2	Personal	Editor Set to head		
Bafrac	Test 3	Personal	Editor Set to head		
		10/page V Go to 1	Total 3		

Figure 5.6.2.5-7 Invoice header management

After clicking submit, the page will prompt that the invoice application has been successfully submitted, as shown in Figure 5.6.2.5-8. Please check all information for errors before invoicing, such as the inability to withdraw an order after submission.



Figure 5.6.2.5-8 Successful application prompt

5.6.3 Coupon View

Users can view coupon information under the current organizational structure on the coupon viewing page, as shown in Figure 5.6.3-1. When the coupon status is "occupied", please go to the order management page to check if there are any pending payment orders.

service > coupon					Total number of screens: 14 Online rate: 0%
chage coupon Cash discount coupon					
bar code Please enter the screen baro		Status	(All)		C. Query
Screen bar code 0	Department ©	Amount / RMB 💠	Start date ©	End time \$	Status ©
018801250418000172F6FF4A	个人账号测试1[0_01006]	60	2025/06/29 16:42:38	2025/07/13 16:42:38	Used
C0YQ301706010006	个人账号测试1[0_01036]	60	2025/05/22 18:20:56	2025/07/06 18:20:56	Used
010C172505090001DE612481	个人账号测试1[0_01036]	60	2025/06/15 15:24:30	2025/06/29 15:24:30	Used
012C5825030400038C54ADFA	个人账号测试1[0_01036]	60	2025/04/25 18:14:13	2025/06/09 18:14:13	Used
C0Y3001809130005	个人账号测试1[0_01036]	60	2025/04/25 18:12:58	2025/06/09 18:12:58	Used
010A33250319000296855915	个人联号测试1[0_01036]	60	2025/04/23 16:51:43	2025/06/07 16:51:43	Used
030C12250317000C88FDE11F	个人账号测试1[0_01036]	60	2025/04/18 10:41:37	2025/06/02 10:41:37	Used
030C112404070001BC677552	个人账号测试1[0_01036]	60	2025/03/14 09:40:38	2025/04/28 09:40:38	Used
C0Y1L02004210017	个人账号测试1[0_01036]	60	2025/03/12 14:59:07	2025/04/26 14:59:07	Used
C0Y2501808310003	个人弊号测试1[0_01036]	60	2025/01/16 09:35:44	2025/03/02 09:35:44	Expired

Figure 5.6.3-1 View Coupon Details

5.7 Equipment operation and maintenance

5.7.1 operating statistic

Running statistics is designed to facilitate users to quickly understand the status data of the screen, and to quickly compare the power on and off data of the screen. Users can view the current and historical overall operation of the screen, as well as record important status information such as the power on and off time and offline frequency of the screen device, making it convenient for users to view the screen status

The user clicks on "Data Operations and Maintenance - Run Statistics" to enter the real-time statistics page, as shown in Figure 5.7.1-1. The page displays the online status of the screen for the day and the online status per minute. When the mouse hovers over a time node, the number of screens online for the node will be displayed.



Figure 5.7.1-1 Running Statistics - Real time Statistics Page

The user clicks on the historical statistics to enter the historical statistics page, where they can view the number of screens online or offline by day/hour. By hour, the number of screens online/offline per hour for the past 3 days can be displayed, as shown in Figures 5.7.1-2 and

5.7.1-3; Click the toggle button \frown to switch between viewing online/offline screens. Click on the number of screens at any time period to view all screen details, as shown in Figure 5.7.1-4







Figure 5.7.1-3 Historical Statistics - Hourly Online Number (Offline) in the Past 3 Days



Figure 5.7.1-4 Historical Statistics - Hourly Online Numbers in the Past 3 Days - View Details

By day, the online/offline screen count for the past 60 days can be displayed, as shown in Figures 5.7.1-5 and 5.7.1-6. Clicking the switch button \bigcirc can switch between viewing online/offline screens.







Figure 5.7.1-6 Historical Statistics - Daily Online Number (Offline) in the Past 60 Days

The user clicks on the device status to enter the device status page, as shown in Figure 5.7.1-7.

Clicking Clicking con the trend chart button of any screen device can view information such as power on/off time and offline times of the screen device. The trend chart can only display the T+1 statistical method. As shown in Figure 5.7.1-8.

Group (AI)			Range (All)		V Name Please enter name		Device Enter de	vice item number		
partment (AII)			Model (All) Name		- Online (All)		~			
	Name 0	Device code 🔅	Group ‡	Department 0	Location 0	Model Name 0	Online :	Remark ‡	Oper	ation
	上時後亡区	5000442ADF4A1010009000101077885	上海和印宁会业务部	上海仰邦广告业务部	◎北京市-北京市-北京	BX-YQ2E	•		Ш	
	pingmu	500044EA394B001010D600000000AF6	上海仰视广告业务部	上海临城广告出劳部	意证所为州·宋施证所苏州·苏州	BX-YQ2	•		K	E
	YQ2E22	500044785F4B000000840000000AC54	D8_DEPARTMENT_NAME_YP	DB_DEPARTMENT_NAME_YP	②天津市天津市記進天津市天津市宝	BX-YQ2E	•		R	R
	YQ3	50004434AA4A0000007700000000E719	D8_DEPARTMENT_NAME_YP	DB_DEPARTMENT_NAME_YP	※海南省-海口市-海口	BX-YQ3	•		R	
	1	50014494EB4A0000001F000010107E82	南东西迈	南东西边	② 吉林·四平-公主幹·迪东新区迎南大道60	8X-YQ1-75	•		R	
	2	500044F3E54AD10000EB00001010F30D	南州西亞	南秋西迈	息上海上海道空	BX-YQ1-75	•		ĸ	R
	aa26	500044049E4A0000001800000956B	huajunguanggac(0_00177)	huajunguanggac[0_00177]	息内蒙古宣-开纪告称市-开纪告将区现示	BX-YQ2			K	R
	YQ2	500044AD753F0000048000000EB15	广州開始电子	广州徽税电子	息广西社族自治区-南宁市-瑞安县南于镇	BX-YQ2	•		R	5
	阳光佳苑	50004441364C0001009B00000000E41C	再励行煤	同题将媒	2.广西省·南宁市·其阳区中和路428号真。	BX-YQ1-75	•		ĸ	E
	124	5001448A244C00000030000000A55B	上海印印广西山东部	上海构成广播出转载	②内蒙古首-环和信称市-环和信称区提示	BK-YQ2			ĸ	R
									激活 Windows	

Figure 5.7.1-7 Equipment Condition Page

oup (All		Range (Al) Statistical date 🗇 2025/05/26					Code Erner device item number			
tment (Al			Model (Al) Name		pingmu	-O- Power on				
	Name C	Device code 1	Group 1	Offine			Coline :	Remark 0	Ope	eration
	上海市江区	5001442ADF 4400000000000000007E85	上海和北广县业务部				•		R	E
	pingma	560544EA394800000006000000000000	LANDER	Online			•		E	
	V02E22	500544785F #BE02000840000000AC54	DB_DEPARTMENT_NAM				•		E	
	YOD	50054434AA445010007750000000E719	DB_DEPARTMENT_NAM	Power on			•		E	
		50004494EB4480101016F000000007E82	常用菜酒				•		E	匮
	2	500044F3E54A000010ED000100F300	用用商品	Power off 26	04/00 08/00 12/00 18/00	2000	•		E	
	au26	500044049624003000010000000568	haqanguanggac(0_001		Real duration 00:00 Online duration 00:00		•		E	
	Y02	500344AD753F3000004830301000EB15	r Hawet		Online rate 0% Offline times 0		•		R	15
	REMARK.	50004441364C0000009B00000000E41C	760-04		262, 38, (VerdA		•		E	
	124	5005446A244C0000003000000006558	上用印印。西亚劳顿	于按约约个领	295 <u>Sarat Prost</u> 2015	BX-YQ2	•		R	医

Figure 5.7.1-8 Selected Screen Power on/Online Details

Page

5.7.2 Screen operation and maintenance

The user clicks on screen maintenance to enter the screen maintenance page, which displays the online and powered status of all screens, as shown in Figure 5.7.2-1.

	Name Please enter nam	18.			Device Enter device item	number.			Group (Al	D			0.0	
ayed	startup (min)> Please enter dela	yed startup (min)			Online rates Please enter onlin	e rate	% Offine Please enter offine times					i i		
Sta	t Time 🖾 2025/05/06		Cut-off ime 2025/06/05				Department (All)					¥.		
	Date time 💠	Name ©	Device code ©	Group 🗘	Department \$	Plan time 💠	Plan duration 0	Real time 😄	Real duration \$	Delayed startup (min) 💠	Online duration \Leftrightarrow	Online rate 💠	Offline times \Leftrightarrow	
	2025/06/03	Z01	010A32220308000478	观战1	个人账号测试1[0_01036]	1	1	i.	1	i.	1	1	1	
	2025/06/02	Z01	010A32220308000478	测试1	个人账号表试1[0_01036]	1	1	1	1	1	1	1	1	
	2025/06/01	Z01	010A32220306000478	第法1	个人账号测试1[0_01036]	1	I.	1	1	1	1	1	7	
	2025/05/27	Z01	010A32220308000478	奥试1	个人账号费试1[0_01036]	7	1	7	<u></u>	1	1	1	T.	
	2025/05/26	Z01	010A32220308000478	第1式1	个人账号测试1[0_01036]	7	- F	1	1	L.	1	1	7	
	2025/05/25	Z01	010A32220308000478	我试1	个人账号测试1[0_01036]	1	1	τ	ал — С.	L.	1	1	1	
	2025/05/25	z	010A33250319000295	1	个人账号测试1[0_01036]	J	I.	1	2	6	1	1	<i>t</i>	
	2025/05/24	Z01	010A32220308000478	% 8武1	个人账号题试1[0_01036]	i.	1	7	1	T.	7	- 1.	1	
	2025/05/24	Z	010A33250319000296	1	个人账号题试1[0_01036]	1	1	1	1	1	1	1	6	
	2025/05/21	Z01	010A32220308000478	現法1	个人账号测试1[0_01036]	1	1	1	1	i.	7	1	i.	
R	efresh Table 🕅 esport	1 🛞 Scheduled powe	r on time setting (5) Threshold s	etting			< 1 2 3	4 3 10/page	✓ Goto 1	blus 37		瀏活 Win		

Figure 5.7.2-1 Screen Operation and Maintenance Page

Annotations for some operation buttons on the screen maintenance page are shown in Table

5.6-1.

Table 5.7-1 Annotations on Button Functions on the Screen Operation and Maintenance Page

button	Function Introduction
R	Export button, the data information on the screen operation and maintenance page can
	be exported locally
ବ୍ର	The button for setting the planned power on time will pop up when clicked.
۲	Threshold setting button, click and the threshold setting page will pop up.
5	Refresh button, used to refresh the table list.

The user clicks the button for setting the planned power on time, and after clicking, a page for setting the planned power on time will pop up, as shown in Figure 5.7.2-2.

		Se Device code	et the planned power on ti	me period	×	Group	(All)
		Online rate<	e planned power on time period1	: © 09:00:00 t © 1	0:00:00	Offline times≥	Please enter offline tir
		Cut-off 🗐 202 Th	e planned power on time period2	: 🕒 11:00:00 t 🕒 1	3:00:00	Department	(All)
ce code ≑	Group ≑	Department 🖨 Th	e planned power on time period3	: 🕒 16:17:16 👖 t 🕞 1	8:17:16 🔄 Clear	Real duration	Delayed start
20308000478	测试1	个人账号测试1[0_0 Aft	er the above information is modif	ied, the data in the list will be	generated again the next	Ť	1
20308000478	测试1	个人账号测试1[0_0	,			1	1
20308000478	测试1	个人账号测试1[0_0		Save × Cancel		1	1
20308000478	测试1	个人账号测试1[0_01036]	Ĩ	1	T	I	1
20308000478	测试1	个人账号测试1[0_01036]	Ĩ	1	Ĩ	I	1
20308000478	测试1	个人账号测试1[0_01036]	Ĩ	1	Ĩ	I	1
50319000296	1	个人账号测试1[0_01036]	Ĩ	1	Ĩ	I	1
20308000478	测试1	个人账号测试1[0_01036]	Ĩ	1	I	I	1
50319000296	1	个人账号测试1[0_01036]	Ĩ	1	I	I	1
20308000478	测试1	个人账号测试1[0_01036]	Ĩ	1	I	T	1

Figure 5.7.2-2 Planned Power on Time Setting Page

The user threshold setting button, when clicked, pops up the threshold setting page, as shown

in Figure 5.7.2-3, where screen information that meets the threshold can be queried.

	Device Enter d	Threshold setting		×	Group	(All)
	Code Online rate≤ Cut-off time 202	Delayed power-on actual value≥ Online rate≤	1 60	Minutes %	Offline times≥ Department	Please ente
Group ≑	Department ≑	Offline times≥	1	Times	Real duration 🜩	De
测试1	个人账号测试1[0_0				J.	
测试1	个人账号测试1[0_0		✓ Save × Cancel		J.	
测试1	个人账号测试1[0_0100	nol i	r,	1	<u>"I</u>	
测试1	个人账号测试1[0_0103	6] /	<u>I</u>	1	<u>"I</u>	
测试1	个人账号测试1[0_0103	6] /	<u>V</u>	1	Ţ	
测试1	个人账号测试1[0_0103	6] /	<u>V</u>	1	Ţ	
1	个人账号测试1[0_0103	6] /	<u>i</u>	1	Ţ	
测试1	个人账号测试1[0_0103	6] /	<u>I</u>	1	1	
1	个人账号测试1[0_0103	6] /	<u>k</u>	1	Ţ	
测试1	个人账号测试1[0_0103	6] /	<u>I</u>	1	Ţ	

Figure 5.7.2-3 Threshold Setting Page

5.8 Usage management

5.8.1 Capacity management

On the capacity management page, users can view the usage status of the capacity and capacity expansion packages within the package, as well as the records of pending packages and pending capacity expansion packages, as shown in Figure 5.8.1-1.

me > use > capacity				Total number of screens: 14 Online rate: 0%
pacity package management				
Space capacity usage in package: rest0% Total space 0.01 rest 0% Cold social package is about to expert Cold to solar	Capacity usage of non-package space: (rest100%) Particle 2 capacity expenses (set 2) Tel faces 80 M rest60 M Academic Sector Se	Basic account capacity: rest56% Text secs 510 M met.2807 M		
To be renewed - Package To be renewed - Capacity Expansion package Name Please entire name Status Al	9t	Department (48)		Ci. Query School:
Group (All)	Department ©	Memo ©	Current plan ©	Operation
		No context		

Figure 5.8.1-1 Capacity Package Management

After the user completes the purchase or renewal of the package or capacity expansion pack,

they can go to the current page to allocate space, as shown in Figure 5.8.1-2.

r package management Spa infmont 25배문제	estal allocation			
intmont 苏州云屏	User	Property interaction		
		Adocated Cristipulabl		Total space/8192 M Distributable:-4770
	3514-子	1 I		Allocated: 1285 M. Have used: 101 M.
	14558			Allocated: 51200 M. Have used: 0 M
	17613273514	• • • • • • • • • • • • • • • • • • •		Allocated: 3316 M. Have used: 756 M
	图1220月-子			Allocated: 95 M Have used: 1 M
	LED			Allocated: 0 M Have used: 0 M
	15586888888			Allocated: 0 M Have used: 0 M
	1104405450@gq.com			Allocated: 0 M Have used: 0 M
	15150668884			Allocated: 0 M Have used: 0 M
	12345678888			Allocated: 0 M Have used: 0 M
			Reset Zoom Swe	激活 Windows 純可以可:"User Vindows,

Figure 5.8.1-2 Space Allocation

5.8.2 Traffic management

On the traffic management page, users can view the usage of data and fuel packages outside the package, as well as the usage of data within the screen package under the current organizational structure, as shown in Figure 5.8.2-1.

me > use > traffic					Total number of screens: 11577 Online rate: 0.03%
sic premium package SIM data plan					
(5)	High-speed traffic packet usage:				
Buy high opend pack	rest: 5.4G Total: 12.3G(A total of63A flow refueling pack)		Check data defails		
usage within the package:	Comment Status	(All)			
rtment (AI)					D.R
LERICE	Continent 2	LB和同本的"放业的部	Premium plan (2025/12/11 00 00 00)	total data	Operation Check data details
pingmu		上海印和广委业务部	Regular plan (2020/12/26 08:00:00)	rest: 0Total: 12G	Check data details
YQJE22		DB_DEPARTMENT_NAME_YP	Premium plan (2021/12/27 08:00:00)	rest: 0Total: 12G	Check data details
YQ3		DB_DEPARTMENT_NAME_YP	Regular plan (2019/02/02 08.00.00)	rest: @Total: 12G	Check data details
1		南部西北	Regular plan (2019/01/26.08.00.00)	rest: @Total: 12G	Check data details
2		南东西近	Regular plan: (2019/01/26 08:00:00)	rest: 0Total: 12G	Check data details
aa26		huajanguanggao(0_00177)	Premium plan. (2020/12/26 08.00:00)	rest: 0Total: 12G	Chack data details
YQ2		广州器秘电子		rest: 0Total: 0	Check data details
相比也死		同政府中國	Regular plan: (2019/01/24.08.00.00)	rest: 6Total: 12G	Check data details
124		上每位和"黄业务部	Premium plan (2021/12/27 08.00:00)	rest: 0Total: 12G	Check data details
					1802 WINDOWS

Figure 5.8.2-1 Traffic Management - Basic Premium Package

In data management, in addition to viewing the data of basic and premium packages, you can

also view the usage of SIM data packages, as shown in Figure 5.8.2-2.

land a second second					Test	and a second second second of the second sec
forte > use > traffic					lotal	number of screens: 11977 Online rate: 0.03%
Banic premium package SIM data plan						
Data usage within the package:						
Name	SIM-ICCID	Comment	Status (All)			O Quer
						D Rese
epartment (AII)						
Name :	SIM-ICCID	Comment ::	Department #	Current plan :	Total data	Operation
6E1X-0605	898604B0102180755242		lishenshen11111(0_01088)	SM中高流量繁馨1G (2026/03/31 23:59:59)	rest: 649.8MTotal; 1G	Check data details
2-近量卡	89860480102180755249		lishenshen1111(0_01088)	SM中間流量繁整1G (2026/03/01 23:59:59)	rest: 1GTotal: 1G	Check data details

Figure 5.8.2-2 Traffic Management - SIM Traffic Package

Time 📃 2025/05/06	to 🖂 2025/06/05	 Last month Monthly option 	🗏 2025/06 🛛 His	torical detail
flow: 17.37MB				
Time 🌩	Name 🌩	Operation type 🌲	Remark \$	Flow rate \$
2025/05/29 16:48:54	A10	Send program	屏幕【默认分组A10】	6.08MB
2025/05/29 16:49:58	A10	Send program	屏幕【默认分组A10】	42.24KB
2025/05/29 17:18:57	A10	Send program	屏幕【默认分组A10】	0.48MB
2025/05/29 17:19:30	A10	Send program	屏幕【默认分组A10】	42.24KB
2025/05/29 17:23:08	A10	Send program	屏幕【默认分组A10】	2.28MB
2025/05/29 17:25:51	A10	Send program	屏幕【默认分组A10】	3.21MB
2025/05/29 17:45:19	A10	Send program	屏幕【默认分组A10】	5.24MB

Figure 5.8.2-3 Flow Details

5.9 system management

Different user types have different functions in system management. The user role of enterprise users is "business administrator", and business administrators can operate and manage users in other roles (such as producers, auditors, and publishers) under their organization in the
following four sub modules. The user role of individual users is "personal account", and they can only view the operation log information of their own account in system management.

5.9.1 User Management

Only business administrators can manage users in the system management, as shown in Figure 5.9.1-1. Some button annotations on the page, as shown in Table 5.9-1, can add, modify, delete, and lock users.

	alamaa										rous number of screens.	14 Unline rate	
	Name Please enter your	name (40 characters or les		Email Please enter	enal		Phone number Please	e enter your mobile number		Department	(All)		O. Que
	Role (All)			Locked (All)			Status comment Pleas	e enter status comment		Memo	Please enter memo		P A Res
Na	me 🌣 🛛 Email 🗘	Email verification \ddagger	Phone number \ddagger	Mobile verification \Leftrightarrow	Department ©	Role 🗢	Approving status 😄	Last login time $\ensuremath{\updownarrow}$	Time zone 💠	Status comment 0	Memo ¢	Operation	
10000	a constant of	Verified	86 541	Verified	01036]	Personal account, 1111	Audit success(Normal)	2025/06/05 16:59:56	GMT+8	2	个人账户		
1		No verified	8(18	Verified	36]	Program editor	Audit success(Normal)	2025/05/23 16:59:59	GMT+8		企业账户	0	6

Figure 5.9.1-1 User Management Page

button	Function Introduction
F	The lock button will lock the corresponding user when clicked, and the locked
	user will not be able to log in to the platform again.
3	Reset password button, select any user, click this button to enter the login
	password of the business administrator, and the reset password page will be
	displayed and the reset password will be set.

When the business administrator needs to add a user, they can click the add button below and enter the corresponding information, email, and phone number on the page shown in Figure 5.9.1-2. At least one should be set, and both email and phone numbers need to be verified for authenticity using dynamic verification codes. After entering the correct information, click submit. When the business administrator modifies user information, click the modify button after the corresponding user record, and the pop-up modification page will be the same as the add page (without a password input box). After the modification is completed, click submit. To lock a user, click the lock button corresponding to the user record. Once locked, the user cannot log in to this platform again.

Add a user

Name	Please enter	your name (40 characters	or less)	*
Password r r r	The password s, numbers, or nost 12 charao	must contain at least thre special characters, and r ters long (excluding Space	e types of uppercase and lowercase nust be at least 6 characters long a ces).	e lei Ind
Confirm passwe				*(
Email	Please enter email			
Email verificatic	Please enter (email code	Get the email verification code	
Phone number	86	Please enter your mob	ile number	
Phone code	Type phone v	erification code please.	Get the phone verification code	
Department	Please select	an organization	~	*
Role	Click Add Ro	ble		*
Status commer	Please enter :	status comment		
Memo	Please enter	memo	0/100	

You must change the password at the next login



5.9.2 Organizational structure management

When the user's role is a business administrator, they can perform organizational management in the system management, as shown in Figure 5.9.2-1. On this page, they can add, modify, and delete organizations. To add an institution, users need to select a higher-level institution, click the add button, enter the corresponding information, and then click submit. To modify an institution, you need to select one and click the modify button. When deleting an institution, if the selected institution already has user data, it cannot be deleted.

Department	+ Ads PER 8 Deste	
Before expanding a subdepartment, enter a name to query the subdepartment	Organization name +\.defdBitcl(0,1000)	
击个人账号则试1[0_01036]	Organization description [®] Please enter organization description	
	4	

Figure 5.9.2-1 Organizational Management Page

Business administrators can set up program publishing verification for organizational structures. After selecting a certain organizational structure and clicking the "Publish Program Verification Settings" button, a settings page will pop up, as shown in Figure 5.9.2-2. Expand the 'SMS recipient' dropdown menu to see users with phone numbers bound to the selected institution. After selecting a user and clicking "OK", the organization will require the input of a SMS verification code before completing the publishing wizard when publishing programs, otherwise it cannot be published normally.



Figure 5.9.2-2 Program Verification Settings for Publishing

5.9.3 Role permission management

Only business administrators can manage role permissions in system management, as shown in Figure 5.9.3-1. Some button function annotations on the page are shown in Table 5.9-2. You can add a new role by clicking the add button, as shown in Figure 5.9.3-2, entering the corresponding information and submitting it to complete the creation. To delete a role, select the role and click the delete button below. To modify character information, click the corresponding record editing button. The permissions of the role can be changed, as shown in Figure 5.9.3-3. To view role information, click the corresponding record's view button.

This platform has four default roles, namely business administrator, program producer, program reviewer, and program publisher. The program producer is mainly responsible for adding materials, creating and editing programs, and creating and editing playlists. The program reviewer is mainly responsible for the review work after the producer creates the program, and the reviewer can also edit and modify the program. The program publisher can publish the programs approved by the reviewer on the screen.

			Total number o	of screens: 14 Online rate: 0%
serial number Pleas	einter whole role sexial number	Role name Please onter role name	Role comment Please enter whole role comment	Q. Query
	Role serial number ©	Role name 💠	Role comment ©	Operation
	ROLE_BUSINESS_ADMIN	Business administrator	Business administrator	8
	ROLE_PROG	Program editor	Program editor	8
	ROLE_APPR	Program auditor	Program auditor	8
	ROLE_DIST	Program sender	Program sender	8
	ROLE_PERSONAL	Personal account	Personal account	8
	ROLE_TECHNICAL_SUPPORT_PERSONAL	展入街支外街	技术支持人员	8

Figure 5.9.3-1 Role Permission Management Page

Table 5.9-2 Annotations on Role Permission Management Button Functions

button	functional annotation	
Se	The role authorization button authorizes the role to	
	use the corresponding functions.	

Role serial numb er	Please enter the role code (40 w	ords or le	
Role name Plea	ise enter role name	*	
Role comment	Please enter whole role comment	0 / 100	
			X Cancal

Figure 5.9.3-2 Add New Character Page

Role authorization	\times
✓ Image Program Manager	*
Program Approve	
Program Release	
Program Edit	
Program list	
Playlist	
Program group list	
Program Approve button	
Program Release button	
- Material	
Material list	
- Screen	
 Screen control 	
Check firmware	
Update firmware	
	•
Save X Cancel	

Figure 5.9.3-3 Role Authorization Page

5.9.4 System log management and controller log management

Users with different roles have system log management and controller log management. Taking system log management as an example, as shown in Figure 5.9.4-1, business administrators can view the operational behavior of all users under the organizational structure, while other roles can only view their own operational behavior, such as login, add, delete, etc. Users can also export logs and export the current query results to an XLS spreadsheet file for their use.

		Operation type		Exception Type (All)		Query
Exception level (All)		Operation content		Start time		
Cut-off time						Pikeset
Operation 🗄	Operation type 0	Exception Type	Exception level	Operation content ©	User ¢	Time ¢
User login	Login		1	[个人账号测试1]Login successfully	个人账号题试1	2025/06/05 16:59:57
Edit user	Edit		1	Edited successfully language=en	个人账号倒试1	2025/06/05 16:35:52
编辑用户	修改		1	橡胶成功: language=zh_CN	个人账号翻试1	2025/06/05 16:34:12
Edit user	Edit		1	Edited successfully language=en	个人账号题试1	2025/06/05 15:38:39
用户登录	登录		1	【个人账号题试1】登录成功	个人账号题试1	2025/06/05 15:36:49
用户修改资料	條改帐号设置		Ţ	梯改成功	个人账号题试1	2025/06/05 15:27:24
用户登录	登录		1	[个人账号测试1] 登录成功	个人账号题试1	2025/06/05 15:24:05
用户修改资料	修改帐号设置		1	修改成功	个人账号题试1	2025/06/05 15:24:02
User login	Login		T	[个人账号题试1]Login successfully	个人账号题试1	2025/06/05 15:22:11
Edit user	Edit		1	Edited successfully language=en	个人账号题试1	2025/06/05 14:55:24
						3812 Windows

Figure 5.9.4-1 System Log Management Page

		Device code		Exception Type (AII)		QQuery	
Content		Start time 🛛 2025-05-29		Cut-off time 2025-06-05		AReset	
ScreenName ©	Device code o	Type 💠	Content ¢	Event occurrence time 0	Event Received Time 0	Event processing time \$	
YQ3A	C0YQ301706010006	Offine	终龋主动断开连接(GARD_DISCONNECT)	2025/05/30 01:07:24	2025/05/30 01:07:24	2025/05/30 01:06:45	
3568A-01	030C122403130005CAE4E6DF	Offline	终端主动断开连接(CARD_DISCONNECT)	2025/05/30 01:04:18	2025/05/30 01:04:18	2025/05/30 01:03:39	
3568A	030C12250317000C8BFDE11F	Offline	终续主动断开连接(CARD_DISCONNECT)	2025/05/30 01:02:16	2025/05/30 01:02:16	2025/05/30 01:01:38	
YQ3A	C0YQ301706010006	Online		2025/05/30 01:01:54	2025/05/30 01:01:54	2025/05/30 01:01:15	
YQ3A	C0YQ301706010006	Offline	终端主动断开连接(CARD_DISCONNECT)	2025/05/30 01:01:47	2025/05/30 01:01:47	2025/05/30 01:01:08	
Y3A-0529	C0Y3A02207290001		支要部门	2025/05/29 23:33:25	2025/05/29 23:33:25	2025/05/29 23:33:25	
A10	018801250418000172F6FF4A	Offline	网络连接超时(HeartbeatOuttime)	2025/05/29 20:22:10	2025/05/29 20:22:10	2025/05/29 20:21:31	
A10	018801250418000172F6FF4A	Fault	网络螺块或控制卡连接失败	2025/05/29 20:21:31	2025/05/29 20:21:31	2025/05/29 20:21:31	
A10	018801250418000172F6FF4A		上线(原因:手动检查在线)	2025/05/29 20:17:08	2025/05/29 20:17:08	2025/05/29 20:17:08	
A10	018801250418000172F6FF4A	Offine	终续主动断开连接(CARD_DISCONNECT)	2025/05/29 20:16:39	2025/05/29 20:16:39	2025/05/29 20:16:00	

Figure 5.9.4-2 Controller Log Management Page

Table 5.9-3 System/Controller Log Management Button Function Annotations

button	functional annotation
	Export button to export the query results to an XLS

5.9.5 Notification Manager

Users with different roles have notification management, as shown in Figure 5.9.5-1. Each user can view the notification information generated by their own operation behavior on the notification management page. Users can mark unread notifications as read by clicking the "All Read" button on the page.

		Type Please enter type	Exo	eption Type (AII)	Exception	(All)	a a
Intent Please enter content							41
Name 💠	Type 💠	Exception Type	Exception level	Content ¢	Target user 💠	Is read \Leftrightarrow	Time 💠
material generating notice	Material finished generating		U.	Task Process material[338(20240328-0937	个人账号测试1	No	2025/06/05 17:43:58
material generating notice	Material finished generating		L.	Task Process material (20240328-093732)	个人账号测试1	No	2025/06/05 17:43:57
material generating notice	Material finished generating		i.	Task Process material(20240322-105159)	个人账号测试1	No	2025/06/05 17:43:56
material generating notice	Material finished generating		I.	Task Process material(240322-104836) PN	个人联号测试1	No	2025/06/05 17:43:55
material generating notice	Material finished generating		1	Task Process material(240322-104940) PN	个人账号测试1	No	2025/06/05 17:43:55
material generating notice	Material finished generating		E.	Task Process material[20240318-090305)	个人账号测试1	No	2025/06/05 17:43:54
material generating notice	Material finished generating		i.	Task Process material (RY0)Y3(8(WD)13.pn	个人账号例试1	No	2025/06/05 17:43:53
material generating notice	Material finished generating		í.	Task.Process material[7c9e7add09c541197	个人联号测试1	No	2025/06/05 17:43:52
material generating notice	Material finished generating		Ľ	Task Process material/C7A81BEB467EBA	个人账号赞试1	No	2025/06/05 17:43:52
material generating notice	Material finished generating		E:	Task Process material 060F9A7CDED0C8	个人账号测试1	No	2025/06/05 17:43:51

Figure 5.9.5-1 Notification Management Page

5.9.6 My work order

Users can consult the platform customer service by submitting a work order to address any issues or questions they may have while using the platform.

As shown in Figure 5.9.6-1, users can click the "+" button at the bottom left of the page, enter the work order title in the pop-up box, and select the work order type; Provide a detailed description of any issues or suggestions that arise during the use of the platform.



Figure 5.9.6-1 Submitting Work Order

After the platform customer service replies to the work order submitted by the user, the user's bound email or mobile phone will receive a reply reminder notification. The user can enter the My

work Order page to view the customer service reply, as shown in Figure 5.9.6-	Work Order page to	o view the customer	service reply, as	shown in l	Figure 5.9.6-2
---	--------------------	---------------------	-------------------	------------	----------------

[NetAccept]	Why does it prompt that the screen is	3 ND	
Nork Order Co	de 71013800001161	Туре	Screen and Controller Related
Status	Not Accept	Releasing time	2025/06/05 17:58:46
			Close work order
Work order co	ntent		Close work order
Work order co	ntent 于田雨		Close work order

Figure 5.9.6-2 Platform has replied to the work order

Users can continue to ask questions about the platform's customer service response, or close

the ticket as shown in Figure 5.9.6-3.

Processing work	Close work order	×	×
(fine Arround) 99 Work Order Code Status	Whether to solve the pr ○ Yes ○ No Service evaluation ★ ★ ★ ☆ ☆ ☆		d
	Detailed description	le le	Close work order
Work order conten		Ok Cancel	
Why does it pr	2025/06/05 17:58:46 ompt that the screen is not online when adding a screen?		

Figure 5.9.6-3: Closing a Reply Work Order

Users can also close the work order before the platform responds, as shown in Figure 5.9.6-4.

妙	里工单	确认		×	×
ľ	【未受理】为什么	是否确定关闭工单? 么节目			
				确定 取消	
	工单号	97005600000686	工单类型	节目制作及发布	
	工单状态	未受理	发布时间	2019/10/11 10:49:07	
					关闭工单
	工单内容	ដំ //11 10:49:07			
	为什么提示发布)	成功的节目在屏幕上不播放?			

Figure 5.9.6-4 Closing Unreturned Work Orders

5.9.7 Task supervision

Task supervision is to facilitate users to view the overall and individual screen task status after publishing tasks. Users can view the daily program publishing status (publishing success rate and program publishing time) of the screen within the query time range, and conveniently view the running status of all screens within the query time range.

The user enters the task supervision - current task page, where they can view detailed

information about all ongoing tasks under their account, including task name, task type, total task status, operator, creation time, number of task execution screens, number of task success screens, number of task progress screens, number of task failure screens, task progress, task time consumption, and display actionable items, as shown in Figure 5.9.7-1.

ne i system i taskManage							Total number	of screens: 12019 Online rate: 0.28%
rent task Historical task								
Task name			Task type (AB)		Founder			Q.Query CaReset
Dalasta dauler (MTIERE, 202000-11-12-0)	Discourse distribution	Total task status	Founder -	Crease Time ::	100.000	rask progress ;	0.00-17-45	Operation
constant builtering of \$12.2 fts. exceptions, co	Program data table	time to program		20020000112120			0.00711702	La
								信号には 信号には 使用 に 数 に の の の の の の の の の の の の の

Figure 5.9.7-1 Task Supervision - Current Task Page

On the current task page $\boxed{\Box}$, click the task details button after any task to enter the task details page, as shown in Figure 5.9.7-2. You can view the current status and task status of all screens that send programs. There will be a $\boxed{\odot}$ cancel task button after the ongoing task. Click the cancel button to manually cancel the task, and the task status will change to task failure. There are batch cancellation buttons and task cancellation buttons below, which can only be clicked by the user's own account and superiors.

Scree	enName			Online (A	 (II) 	Query
tal tas	sk status	(All)	~)	esults of enforcement		⊲Reset
	Scree	enName	Online	Total task status	results of enforcemen t	Operation
	356	8A-01	Offline	Task in progress	Waiting for build pr	\otimes
\bigotimes	356	8A-01	Offline	Task in progress	Waiting for build pr 1	8

Figure 5.9.7-2 Task Supervision - Task Details Page

Users can click on the historical task page to view all historical tasks, as shown in Figure

5.9.7-3.

a manufit factor managery									
Task name			Task type	(AII)		Founder			Q.Query
Start time 🛛 🕾 2025/05/28			Cut-off time	2025/05/09					OReset
Task name 🗘	Task type 💲	Total task status 😄		Founder ‡	Create Time 👙	Task state 💲	Task success rate 😄	Total task time 💲	Operation
播放列表 [单节目列表20250529-16	Program distribution	Mission success		100	2025/05/29 16:20:29	1/1/0/0	100%	0.00.00.06	
動的列表【单节目列表20250529-11	Program distribution	Task falled		1000	2025/05/29 11:45:37	1/0/0/1	0%	0.00.00.01	•
截於列表【单节目列表20250529-11	Program distribution	Task falled		100	2025/05/29 11:43:55	1/0/0/1	0%	0.00.00.01	R
播放列表【单节目列表20250529-18	Program distribution	Task failed		100	2025/05/29 11:41:40	1/0/0/1	0%	0.00.00.01	

Figure 5.9.7-3 Task Supervision - Historical Task Page

The user clicks the task details button at the back of the screen to view the execution status of

all tasks on the screen, as shown in Figure 5.9.7-4,

Click the button to re execute the task.

ScreenName			Online	(All)	~ Query
Total task status	(All)	<u></u>	esults of enforcement		≪aReset
ScreenNam	ne	Online	Total task status	results of enforcement	Operation
Screen1		Online	Mission success	任务成功完成。	

Figure 5.9.7-4 Task Supervision - Historical Task Details Page

5.9.8 Play logs

For Z/Y series control cards, generate playback statistics based on the control card playback logs. After the user selects the screen, program, and date, a data table is generated on the platform. (Note: To generate a playback log, you need to open the playback log in the screen management before it can be generated. Otherwise, it cannot be generated.)

The user clicks on System Management - Play Log to enter the play log data list page, as shown in Figure 5.9.8-1. The specific details of the playback log can be viewed, including screen name, device number, program name, start time, end time, and playback duration. (The playback log only counts the normal playback times (must have both start and end playback time data), and only retains data within 6 months)

VIEW Fatore /	A	SmeenName		Davine code		QDuev
Drowsenblance		Out time		Dit of time	2125.05.09	(Clean)
riopannane		Olen une	2023-03-03	COLOR BIN	E 1973-09-10	
Screen name 🗧	Device 0		Name 0	Start time 🔅	End time ‡	Play length
3268a-rizhi	030C1124040700019	30677552	20250609-15:14:52	2025/06/09 17 08:54	2025/06/09 17:08:54	00.00.00
3288a-rizhi	030C1124040700011	30677552	20250609-15:15:39	2025/06/09 17:08:48	2025/06/09 17:08:48	00:00:00
3288a-rizhi	030C1124040700018	30677652	20250609-15:14:52	2025/06/09 17:08:42	2025/06/09 17:08:42	00:00:00
3288a-rizhi	030C112404070001	30677552	20250609-15:15:39	2025/06/09 17:08:36	2025/06/09 17:08:36	00:00:00
3288æ-rizhi	030C1124040700011	30677552	20250609-15:14:52	2025/06/09 17:08:30	2025/06/09 17:08:30	00:00:00
3288a-rizhi	030C1124040700018	90677652	20250609-15:15:39	2025/06/09 17:08:24	2025/06/09 17:08:24	00.00.00
3268a-rizhi	030C1124040700011	30677552	20250609-15:14:52	2025/06/09 17:08:18	2025/06/09 17:08:18	00:00:00
3288a-rizhi	830C1124040700011	80877552	20250609-15:15:39	2025/06/09 17:08:12	2025/06/09 17:08:12	00:00:00
3288a-rizhi	030C1124040700010	30677552	20250609-15:14:52	2025/06/09 17:08:06	2025/06/09 17:08:06	00:00:00
3288a-rizhi	030C112404070001	90677652	20250609-15-15-39	2025/06/09 17:08:00	2025/06/09 17:08:00	00.00.00

Figure 5.9.8-1 Play Log Page

5.10 ADvanced

5.10.1 electronic fence

The electronic fence function can enable the mobile screen to switch and play different programs based on GPS positioning. Users need to draw a fence for a special area on the map, set up associated screens and specific programs to play. When the associated screen moves within the fence, it will switch to playing the designated program in that area. After leaving the fence, the screen will resume playing regular programs.

Users can enter the monitoring page of the electronic fence to view the current status of the screens associated with the fence, as shown in Figure 5.10.1-1. The list on the left side of the page will display all screens associated with the current fence, and distinguish the fence where the screen is currently located by the color of the screen icon. If the screen is currently in the associated red fence, the screen icon will be displayed in red. If the screen is not currently in any fence, the screen icon will be displayed in gray. After clicking on the screen, the map on the right will immediately jump to display the current location of the screen, as well as relevant information



about the screen, such as the current location, current playback content, associated fences, etc.

Figure 5.10.1-1 Electronic Fence - Monitoring

Users can enter the settings page to view the current status of the drawn fence, as shown in Figure 5.10.1-2. Users can draw fences, set fence screens and programs, and send fence programs on this page. Some operation buttons on the settings page are annotated, as shown in Table 5.10-1. Users can create a total of 20 fences. Before publishing on this page, the screen associated with the fence needs to have a regular program playing, which serves as the display content after leaving the fence. Users can adjust the priority of fences in the fence settings column by dragging and dropping with the mouse. The higher the order, the higher the priority of the fence. When there is an overlap between the fences associated with the screen, the screen will play the program corresponding to the fence with higher priority. After modifying the screen or program of the fence, a publishing operation is required, otherwise it will still operate according to the previous settings. Alarm settings, which can set alarms for all screens within a certain electronic fence. The notification mode function supports notifying users of alarm information through service numbers or mobile SMS



Figure 5.10.1-2 Electronic Fence - Setting Table 5.10-1 Settings Page

button	functional annotation
£	Lock/unlock fence. After clicking, the current fence will be in a locked or unlocked
	state. The locked fence will not work, and the screen will not switch programs when
	entering the locked fence.
×	Delete, clicking on it will delete the fence
	Add a regular fence, click to draw the fence range on the map on the right side of the
	page, double-click to end the drawing
	Add administrative division fence, click on it and select the corresponding
	administrative division in the pop-up page. After confirmation, it will automatically
	draw [International Station does not currently support adding administrative division
	fence]
1	Send all fence programs, after clicking, all fence programs will be sent to the
100 B 100	associated screen

After entering the log page, users can view the time and type of alarms triggered by various associated screens entering and exiting the fence, as well as the duration of notification mode stay, as shown in Figure 5.10.1-3.

			Serger Pit enter screen series	re (40	Device	Enter desire llam number	
Print Print Decenting Decenting <thdecenting< th=""> <thdecenting< th=""> <t< th=""><th></th><th></th><th></th><th>(m)</th><th>5 I T</th><th>EXCEPTION INTERVIEW</th><th></th></t<></thdecenting<></thdecenting<>				(m)	5 I T	EXCEPTION INTERVIEW	
Nome No N	(M)		ingetime (i) 2025/04/01 -	2025/05/31	Equipitype	(Al)	
Bit Bit Disc CLA-M Bit	Fence 0	ScreenName ©	Device code ©	Nodel number 0	TrigeTime 0	TrigeType 0	Notice mode ©
Birling Clubit Distribution Statution S	电子图形32	C1A-01	0381052405130002C8P58168	BX-C1A	2025/05/25 20:06:44	Pence entry atarm	Service number notification & SMS notific
Q-R2021 CLA-11 Designation Status St	电子信约32	C1A-01	0381052405130002CaP-58168	BX-C1A	2025/06/28 20:08:42	Fence ectry alarm	Service number notification & SMS notific
(4) CLA41 CM0400000009388 GLACA 2005002.001.001 Fame any yama Service number robustinus 5.9 (4) 4780020 CLA41 G10800000009388 GLACA 2005062.001.001 Fame any yama Service number robustinus 5.9 (4) G10800000009388 GLACA 2005062.001.901.001 Fame any yama Service number robustinus 5.9 (4) G10800000009388 GLACA 2005062.001.901.001 Fame any yama Service number robustinus 5.9 (4) G10800000000000000000000000000000000000	电子图形32	C1A-01	0381052405130002C8P58168	BX-C1A	2025/05/26 20:06/29	Pence entry atarm	Service number notification & SMS notific
Q+28223 CLA-10 D0010024033002C0F39188 BLC-CA 220506220131 Famous thy yarm Selection mathematications Q+282232 CLA-10 000100240933002C0F39188 BLC-CA 220506200319824 Famous thy yarm Selection mathematications Selection mathemath	电子图检32	C1A-01	0381052405130002C8P58168	BX-C1A	2025/06/26 20:01:32	Pence entry alarm	Service number notification & SMS notific
6 / 3622 / C 1.6 -1 Extra Control (MSR 10002C0F30188) BIC C1A 2 / 2256/02 / 201:13 France my yaam Service number moleculus 5 / 3 6 / 35252 // C 1.6 -1 Extra Control (MSR 10002C0F3018) BIC C1A 2 / 2256/02 / 17.4 31 France my yaam Service number moleculus 5 / 3 6 / 35252 / C 1.6 -1 Extra Control (MSR 10002C0F3018) BIC C1A 2 / 2256/02 / 17.4 31 France my yaam Service number notification 5 / 3 6 / 35252 // C 1.6 -1 Extra Control (MSR 10002C0F3018) BIC C1A 2 / 2256/02 / 17.4 31 France my yaam Service number notification 5 / 3 6 / 35252 / C 1.6 -1 Extra Control (MSR 10002C0F3018) BIC C1A 2 / 2256/02 / 17.4 30 France my yaam Service number notification 5 / 3 6 / 35252 // C 1.6 -1 Extra Control (MSR 10002C0F3018) BIC C1A 2 / 2256/02 / 17.2 50 France my yaam Service number notification 5 / 3	电子图检32	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/26 20:01:31	Fence entry atarm	Service number notification & SMS notific
Q. Q16.01 Q1010204503002C0F39180 BX-C1A. Q20502045193.04 Frame any ulern Service mathematications 0.00000000000000000000000000000000000	电子组栏32	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/28 20:01:15	Fence entry alarm	Service number notification & SMS notifi
Q. P. Start C. LA-01 DB1050245 0500220575438 BIC-C1A. 22050200 177-231 Filme any Juan Service number molitabules 3 Q. P. P. Start C. LA-01 DB1050240575438 BIC-C1A. 22050201 77-231 Filmes any Juan Service number molitabules 3 Q. P. P. Start C. LA-01 DB10502405755188 BIC-C1A. 20050201 77-253 Filmes any Juan Service number molitabules 4 Q. P. Start C. LA-01 DB10502405755188 BIC-C1A. 20050201 72-530 Filmes any Juan Service number molitabules 4.50	电子值栏32	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/26 19:58:04	Fence entry alarm	Service number notification & SMS notific
QP/28232 C (A.R1) DBX05020F39398 B K-C1A. 20255020 (73.2.50) Fence why warm. Service number reditation & S QP/28235 C (A.R1) DBX05020F393188 B K-C1A. 20256028 (72.5.50) Fence why warm. Service number reditation & S	电子循标32	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/26 17:47:31	Fence entry alarm	Service number notification & SMS notifie
€738/31 C14-01 028/033003C2879788 86-C14 2025/628/1728.59 Fince withy alem Service number notification & 9	电子国栏32	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/26 17:47:29	Fence entry alarm	Service number notification & SMS notifie
	电子图积35	C1A-01	0381052405130002CBF58168	BX-C1A	2025/05/26 17:25:50	Fence entry alarm	Service number notification & SMS notific

Figure 5.10.1-3 Electronic Fence - Log

5.10.2 Regional Release

The platform v1.5.0 version has added a regional publishing function, as shown in Figure 5.10.2-1. Users can click the "Add Area" button to draw the area range on the map, and double-click to end the drawing. After completing the drawing, click the publish button to specify the corresponding playlist for the area and complete the program publishing operation. Click the quick publish button next to it to publish the last playlist to the controllers in the area.

Compared to ordinary program publishing methods, regional publishing has a higher degree of visualization, making it easier for users to publish content in designated areas through maps.



Figure 5.10.2-1 Regional Release

Users can connect to the mobile screen of the GPS module on the screen tab to perform trajectory tracking operations, as shown in Figure 5.10.2-2. Click the tracking screen button behind the mobile screen record to enable trajectory tracking. The platform will send positioning instructions to the screen at regular intervals and display real-time location on the map based on the latitude and longitude information returned by the screen.



Figure 5.10.2-2 Regional Release Trajectory Tracking

5.10.3 Secondary development

The platform supports secondary development functionality from version 2.1.0. Users who have not applied for an APPKey will be prompted with an application page as shown in Figure 5.10.3-1 when accessing the "Secondary Development" page. After the application is completed, the page will display the information of the APPKey, as shown in Figure 5.10.3-2. Users can also set IP access restrictions for secondary development functions, and set an IP list to allow or restrict these IPs from using APPKey to call platform interfaces. Users can also modify the information data (congestion level and travel time) of the induction service through secondary development of example programs.

APPKey Application

APPKey name;	接口_01		
Expired time to:	2025/10/01		
Screen scope:	• All O Available	🔘 Not Available	
There a	re screens that do not fill in the lo	ocation, these scre The scr	een position is no
ens will	not be available,	t comp	lete
		Submit	Cancel

Figure 5.10.3-1 Application for APPKey



Figure 5.10.3-2 Application Management

On the interface grouping management page, users can view the relevant information of interface partitions in the program, as shown in Figure 5.10.3-3. You can operate on the switch status of API partitions. The platform supports publishing playlists through APIs, and users can view playlist numbers in Program Management=>Playlists=>Program List, as shown in Figure 5.10.3-4.

Listentica DListentica D </th <th>an ace per</th> <th>tion ID</th> <th>Interface name</th> <th>Program Name</th> <th></th> <th>(R.Query)</th> <th>OuReset</th>	an ace per	tion ID	Interface name	Program Name		(R.Query)	OuReset
702754056453454631515502541 APEG1 20050515-642 2005051575528 2005050716286 40050507 600507		Zone Interface ID 0	Interface Name ©	Program Name	Create Time 0	Material Update Time 0	Partition
682331383-00-066073133383 AP1 Uberend640007 224003146354 2220040143334 2202001131336 6 6 23334400-0460071133284 AP1831 Gm 4801141 202000104323 3 6 220000104323 6		70073d590c8d438e9d9a375d158c25e1	APISE1	20250615-mt-02	2025/05/15 17:55:28	2025/05/27 16:28:05	
1.234406441333713412716233 AH921 0.000 497413234 3.20204913234 3.20204913234 4.202049134234 3.20204913923 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.202049134234 3.202049134234 4.2020		6632176187bHc7ebe565f7761933050	APIT	Unnamed20410001	2024/10/31 16:06:05	2024/10/31 16:05:05	•
5453274543345343 AF1521 ## 5220000 50:231 5220000 50:232 # 56367523354153355555564 AF9521 AF9621 AF9621 3220000 173.34 3220000 173.34 # 66365436414191642760270 AF9621 AF9621 AF9621 AF9621 3220000 173.34 3220000 173.34 # 5288555536665655702716 FE142028 FE142028 FE142028 3220000 136.51 3220000 136.51 3220000 136.51 3220000 136.51 4 4		293548fa9o4e4150a37f7a1ac7f14230	API30E1	ces api-0114-01	2023/01/14 13:33:04	2023/01/14 13:33:04	•
Space/Space Space/S		5o54a3354fdb49a394a73c01c05d92e6	APISE1	api	2022/09/09 00:49:23	2022/09/09 00:49:23	
668620446119166276127243 AP19E1 AP08E1 2020000 5733.42 2020000 5733.42 2020000 5733.42 2020000 5733.42 0 0 3389165665666767007166 BUBRID198 BUBRID198 2020000 5745.18 2020000 5745.18 2020000 5745.18 0 0		92cb9/3b2b38410a82c8c3a505a556e1	API分区1	APKICIBIZ	2022/09/06 17:35:18	2022/09/20 16:28:33	
338/9586/334669566/20100116 19 202000 13.4516 202000 13.4516		ddade2a4a8e144819b1aa27c6072/743	API:DE1	APUBIX	2022/09/06 17:33:42	2022/09/06 17:33:54	•
		33d8163ac5134bfe85545c7e7cf2d1bc	数认接口分配	联认接口节目	2022/06/09 13:45:18	2022/06/09 13:45:18	•

					Program list	20250528-测试01】			×				
Range Al				Phijlist name	D Program	Play mo de ume(si(n ult))	Start dat e Erel date	tart tim End time Wee	Operatio m	source (All)			1Quer
Editor			Ap	proving status (Ail)	20250	Fixed 1	9	0.00					2.Stolet
Payist same 2	Oniter Board Resolution	Program hat =		enurce C	20250	Fixed 1	10/page - 1	0.00 23:59 Mos	<i>1</i> []	Editor C	Edit time ÷	Creator 2	Operation
Single program list	192x192			System preset	M List number: 202c93	217390455355d71113a6d0	tele			*****	2025/00/04 15:10:08	学界中企业长号1	۰\$
Single program lat	192x192			System preset	Materieda	Approved		Not released		****	2025/06/04 15:19:07	李顺明 <u>会会张</u> 号1	01
单节目列表一指设图片	3640x2160			System preset	Multiredia	Approved		Not released		中中中企业帐号1	2025/05/29 18:17:26	学校中 <u>2-0</u> 株号1	
20250528-38:401	1920x1088	2		Commercial Display Versa	Muttmedia	Approved		Not released		LCD-20250520818	2025/05/28 21:51:42	LCD-20250528878	100
20250523-测试机文本	192x192			Universal Editori - Single I	Materedia	Approved	2025/05/23 14:59:01	Released	2025/05/28 15:04:28	市市中企业批号1	2025/05/23 14:58:01	李平中之业任号1	100
Single program list	192x192			System preset	Multimedia	Approved		Not released		年中中企业新导1	2025/05/20 15:40:32	李中中全由任号1	۰\$
Single program list	192x192			System preset	Milmedia	Approved		Not released		中日中企业新年1	2025/05/20 15:40:31	李田中企业帐号1	01
Single program list	192x192			System preset	Mutteryochia	Approved		Not released		####### #	2025/05/20 16:40:31	李中中之业帐号1	۰\$
20250518-mi-01	3840x2160			Universal Editor - Single I	API Parition Program	Approved	2025/05/27 16:28:06	Not released	2025/05/16 09:65:13	平中中企业账号1	2025/05/18 09:51:38	李章章之道张号1	801
单节目列表一顾设图火。	192x192			System preset	Multimedia	Approved		Not released	2025/05/23 14:01:44	市市中企业社司1	2025/05/15 15:33:58	李章章会会张号1	01

Figure 5.10.34 Playlist Number

The relevant content of secondary development can be viewed in the interface document tab,

as shown in Figure 5.10.3-5.

Ω Home ⇒ senior ⇒ lapi	Total number of screens: 28 C	Online rate: 7.14%
Application management	Interface partition management Interface played Veterface document Function toping	
SDK S Example Fr program Fr Related N download Update kg	SDK description The LEDCout secondary development interface enables users to convect to the LEDCout platform through the interface, and reable business functions such as sending programs, sending screen commands, uploading and listing resources. or specific use and their accumentation, plases reference. for the service corresponding to SDK1.0 will be shut down after March 2021, please upgrade to SDK2.0 as soon as possible!	
E M M R	Example program The sample program is package program for users to quickly get danied and carry out secondary development. Users can download and initial 8 directly. This program mainly monitors the specific folder in the directory specified in the configuration file. Once there is a new (new or mo are it and automatical to provide the texture in the tark are in the to the sovere according to the XMMery specified in the configuration file. The 2.0 werson of the example program iteration to the start protocol to active cross-language development and cannot use SDK package for secondary development can connect the example program through theirst protocol to active cross-language secondary for specific use and help documentation, please infor _items	dified) task.ini file, it development function.
R	Related download for annual Life an anges a familie Waters anges a familie	

Figure 5.10.3-5 Interface Document

If it is found that the call to secondary development cannot be published and prompts with the words' the number of times has been exhausted ', you can purchase the number of publishing times on the feature purchase page, as shown in Figures 5.10.3-6 and 5.10.3-7. In addition, new users can receive 15000 free usage and publishing times. If they do not use them all within two years from the start of the collection, they will automatically expire and be reset to zero.

@ Home > seri	ior > iapi			Total number of screens: \$17 Online rate: 0.68%
Applica	dion management Interface partition manage	ament Interface playlist Interface documen	Function buying	
Current rest	surce profile			
	Residual degree	Released this month		
	Dime	Otimer		
-	oumes	otimes		
Buy a suppl	ement pack			
	Release times	Release times	Release times -	
	10thousand times	100thousand times	400thousand times	
	100	800	2000	
		OUURMB	ZUUURMB	
	Can be purchased in combination,	Can be purchased in combination,	Can be purchased in combination,	
	effective immediately after purchase	effective immediately after purchase	effective immediately after purchase	
	for two years and will be automatically	for two years and will be automatically	for two years and will be automatically	
	 cleared when it expires Purchase screen sharing for the 	cleared when it expires Purchase screen sharing for the	cleared when it expires Purchase screen sharing for the	
	package, Priority deduction of trial	package, Priority deduction of trial	package, Priority deduction of trial	
	credit and package included credit	credit and package included credit	credit and package included credit	
	Buy now:	Buy now	Buy now	

Figure 5.10.3-6 Function Purchase

Purchase time	s of publication		х
	Confirm purchase	2 Pay	G Purchase successfully
1	100RMB/100000 times Release times		
· (B)	The times of releases can only be used to dedu	uct the number of releases through the interfac	ce in the "secondary development" function and its extended use.
Release times- 10 0000times	When the consumption number is released thr ms are normally calculated. When the release be used normally.	rough secondary development, the traffic and number of secondary development is exhaust	capacity generated by the release behavior such as sending progra ed, most functions of the secondary development interface cannot
	This release is valid for 2 years, multiple purch	ases are allowed, and the number of releases	automatically accumulates after purchase.
			Quantity: 1
			Include release times 100000 times
			Total: 100 RMB
			$\leftarrow \text{Previous step} \qquad \qquad \textbf{Next} \rightarrow \\$



5.10.4 Synchronous combination

The synchronous combination function is designed to meet the needs of users to play the same picture on different screens at the same time. It is divided into two combination playback modes: simultaneous playback and interval playback. Simultaneous playback refers to all screens

playing the same program at the same time; Interval playback is the sorting of multiple screens, with each screen starting to play X seconds slower than the previous one, allowing mobile viewers to seamlessly connect and watch the entire program.

Users can click the "+" button at the bottom left of the page to select the desired synchronization combination mode, as shown in Figure 5.10.4-1.

default combination Historical task Combine							Total number of screens; 21 Online rat	1 7.14%
		Creating a multi-screen sy	nchronization task	ж				
Range (Al) -	Group nam	Phase stars	0		с	ombination mode (/	40 ···	
		Select play mode	Set sync content	Complete creation			.(O.O.)	W. Putting
Group name 8	Pounder ©	Corr			Associated scr	MA 0	Associate playfat ©	Operation
同步结合2025年05月30日02.12.48	李中平企业接号1	Play mode: O synchronized pla	 Interval play 		3		車节日何表-20250423-1LCD3568A-01	1 1
四 用步电台 約2	李中中企业统计1				3		单节目列表20250526405-01	2 1
田步坦台2025-05-27 17:17:53	中中中企业独导1			Previous step + Next +			单节目列表一层设在服节目-39	00
20241210-CHM1	学中中企业被号1	synctronized play	2025/01/10 19/02/21	2025/05/27 17:17:15			20241210-C18期1	0 1
四 用步载音	李中中企业地号1	synchronized play	2024/12/11 14 13:35	2024/12/11 14:13:35				0 1
20241017-10-17-35	中中中企业规府1	synchronized play	2024/10/17 16:33:05	2024/10/17 16:33:05			20241017-16:17:35	0 1

Figure 5.10.4-1 Selecting Synchronization Mode

Click "Next" to enter the synchronization content setting page, click the "+" in the bottom left corner to select the screen that needs to be synchronized. To ensure synchronization effect, it is recommended to choose the same model, firmware version, and series of controllers, and ensure that the screen parameter matching degree of each controller is greater than 60%. As shown in Figure 5.10.4-2.



```
Figure 5.10.4-2 Setting synchronization content
```

If you choose interval playback, you need to set the interval duration on the synchronized content page. After setting, each screen starts playing X seconds slower than the previous one. Users can sort each screen in order in the operation column, as shown in Figure 5.10.4-3.

All	Home	server a contrinsion												Total number of screens: 28 Online ra	As: 7.54%
Auge al	default co														
Some senses Number : Numer : Numer : Numer : <th< th=""><th>Range</th><th>(A4) -</th><th>Group na</th><th>ne Pause attar group ita</th><th></th><th></th><th></th><th>Found</th><th>or Plane etter p</th><th></th><th></th><th></th><th>Combination mo</th><th>00 (Al)</th><th></th></th<>	Range	(A4) -	Group na	ne Pause attar group ita				Found	or Plane etter p				Combination mo	00 (Al)	
1 1		Group name ()	Founder 0	Combinatio	Creati	ng a multi-scre	en synchroniz	ation task			×	Associate	id screen 0	Associate playtist ©	Operation
1 1 2		而步度自2025年06月30日02-12-46	中国中全县经营1	synchron		0		0		0		3		章节目前表-20280423-1LCD3568A-01	0 1
3 SUBSECTION OF 17 17 20 9 0 0 0 0 0 1 1 000000000000000000000000000000000000		同步结合中区	李章章 <u>臣臣张</u> 号1	synchroni		Select play m	ode	Set sync c	content	Complete	reation	3		单节目列表20250526-kc8-01	0 1
XXXXXXX4881 9990,24891 9900,24891 9000,24891 9000,24891 9000,24891 9000,24891 9000,24891 1 20041071-0117,25 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 0 1 20041071-0117,25 0 <td< td=""><td></td><td>與參提会2025-05-27 57 17:53</td><td>李平平企业报号1</td><td>interva</td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.5.1.944975</td><td></td><td></td><td>单节目列表接级视频节目-30</td><td>0 1</td></td<>		與參提会2025-05-27 57 17:53	李平平企业报号1	interva							0.5.1.944975			单节目列表接级视频节目-30	0 1
10000 9000000000000000000000000000000000000		20241210-CHIMI	李中华企业经号1	synchron	interval	olay 30								20241210-C接触1	0 1
200419371-00.17.33 20002.00.071 gendersteilt Screent Static Screent Static Screent Static Screent Static Screent Static		Reac	李华华企业经司1	synchron		Name	Width	Height	Model Name	Online	Operation		=		0 1
Bowert 132 132 8.573A Scoregistram		20241017-16:17:35	李华华企业经专1	synchroni						Current task:				20241017-16.17.35	01
Y1A-0128 720 1200 BX-Y1A Comment task: Y1A-0128 720 1200 BX-Y1A Comment task: Image: Comment task: Secret Y1A Image: Comment task: Secret Y1A Image: Comment task: Secret Y1A Image: Comment task: Secret Y1A Image: Comment task: Secret Y1A Image: Comment task: Secret Y1A Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task: Image: Comment task:					101	Screen1	192	192	BX-Y3A	Screen(Screen 1)Send.com	14				
Y14-052 723 120 EX:Y14 Correct table marked Down Image: State of the Transmer marked Down 1 Table 5 Table Character marked Down 1 Table 5										mand (Screen	- ***				
YA-602i 720 120 BX-YA State (Sector) O Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) O Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) Distor (Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector) Image: Sector (Sector) Image: Sector (Sector) Image: Sector) Image: Sector)										and					
Y1A4028 Y29 520 BX/14 Bd/end correct method from an and fighered correct method from an an and fighered correct method from an an and fighered correct method from an and fighered correct method from an and fighered correct method from an										Screen(Y1A-0					
End					0	Y1A-0526	720	1280	BX-Y1A	526)-Send co mmand IScree	$\uparrow \downarrow$				
Image: State of the formare may affect the synchronization effect. It a recommended to update to the same ver acts before using the factor.										n Shot]					
Note: Differet explane of the Temane may affect the synchrotization effect. En excommendate to space to the same ver sola bidity using the factor.					÷	Û	0.1.2	10/page	- Go to 1	Total D					
nan balan sang dia kasa. Pendak ang - Pendak					Note: Di	Recent versions of	the formulae man	fact the numbers	indian affect 2 is on	commendant to under	to to the same up.				
Prevent tity + Max 2					sion beh	pre-using this feat	zo.	and the specific		continuinaria to apas	te to the state for				
Protects tip + Net 4															
										Previous step	Not 9				
		Realing a multi-screen synchronization task	Delete task 🛛 😋 Retresh Table							Olpage - Go	to 1 Total C				

Figure 5.10.4-3 Interval playback setting

Click 'Next' to complete the creation of the synchronized combination. Users can also select a playlist here. If not selected, the combination can only be saved and cannot be published; If selected, it can be saved or published, as shown in Figure 5.10.4-4. The platform defaults to selecting "Automatically calibrate all screens when publishing tasks". After selecting this option, the platform will automatically send timing instructions to the selected screens when publishing tasks to ensure synchronization.

St Home	senior > combination					Total number of screens; 28 Online rate	: 7.54%
default or							
Rang	e (All)	Group na	me Please or for group name	Founder Presentation the strends	Combination mot	de (All)	
						C. Que	y Osfiniel
	Group name ()	Founder 0	Combination	Creating a multi-screen synchronization task ×	Associated acreen	Associate playtet 0	Operation
	周步组会2026年05月30日02.12.46	宇中中企业帐号1	synchronia	00	ə 📼	单节目列表-20250423-1LCD35664-01	04
	用产用含料	中中中企业经刊1	synchronic	Select play mode Set sync content Complete creation	3 III	单节目列表20250528-lost-01	0 1
	用步值会2025-05-27 17:17:53	学中中企业帐号1	kiterval		1 II	单竹目列表一种设在部竹目-39	0 1
	20241210-09規則1	字中中企业组号1	synchronic	Creating a multi-screen synchronization task already	1 =	20241210-C#201	0 1
	用序设合	事中中企业经行1	synchronic	Sync task name default combination	1 =		5 1
	20241017-10:17:35	李本中企业帐号1	synchronic	Combination mode interval play(30)Seconds	1 =	25241017-16:17:35	0 1
				Sanayari,			
•	Creating a multi-screen synchronization task 🍵	Delete task 🚫 Retresh Table		c t, c Totage - Geb T	KR.		

Figure 5.10.4-4 Completed synchronization task creation

Users can view the synchronized combination tasks that have been published on the historical task page, or they can republish the combination tasks, as shown in Figure 5.10.4-5.

Home	serior > combination							Total number of screens: 28 Online n	te: 7.54%
default o	combination Historical task Combi	ined screen							
Ran	ge (A8) ~	Group name P	ease enter group name	Founder Pla	able enter the creator	Combination mode (AI)		Task status (AI) -	
Start Tir	me 🗉 2025-04-01	Cut-off time	2025-06-06					0.04	oty OLReset
	Group name 0	Create user ©	Combination mode	Associated screen	Associate playtist ©	Task status 0	Task statistics 0	Releasing time ©	Operation
	同步组合2025年05月30日02:12:46	亨中中企业帐号1	synchronized play	3 🔳	单节回列表20250423-1LCD3568A-01	fail	21012	2025/05/30 02:22:19	⊲ ₿
	周步组合2025年05月30日02:12:46	李中中企业帐号1	synchronized play	3 🚞	单节目列表20250423-1LCD3568A-01	fail	1/0/1	2025/05/30 02:12:57	
	同步组合42	李申申企业帐号1	synchronized play	3 🔳	单节目列表20250528-4cd-01		01010	2025/05/30 02:12:30	1

Figure 5.10.4-5 Historical Tasks

Combination screen is the process of dividing images or videos, publishing them onto multiple screens, and combining them into a complete image or video program for playback. Users can click the "+" button in the bottom left corner to create a new combination screen, as shown in Figure 5.10.4-6

C Home > senior > combination					-	To	tal number of screens ; 📰	Online rate: 7:14%
default condiciation Historical basis		New com	nbined screen		×			
Screen group	«	-	Set combination form	② Setup screen	a surabitution form (QQuerr
- A SECONDENT		Contrin			a cheatar			Coloret
口 思过0906 口 515249726		But R () () (II	Combined form; Please enter row numbers R	W Please enter column numt Column	Location =	Creator 1 中中中企业帐号1	2025/05/14 11:48:14	Operation ()
- L March Hold - L March Hold - L March Hold - L March Hold - March								
		(+) New combined screen Dele	ite combined screen 📿 Refresh Table 🛗 Move group		10 page - Go to	Total 4		

Figure 5.10.4-6 Setting Combination Form

Click "Next" to enter the settings screen page, click the "+" in the bottom left corner to select the screen that needs to be combined. To ensure synchronization effect, it is recommended to choose controllers of the same model, firmware version, and series, and ensure that the screen



parameter matching degree of each controller is greater than 60%. As shown in Figure 5.10.4-7.

Figure 5.10.4-7 Set Combination Screen

Click the 'Finish' button to complete the creation of the combination screen, which can be automatically spliced according to the screen name. The screens must be in the same group, belong to the same series, and have the same screen size. The screen name rule is: screen name serial number, as shown in Figure 5.10.4-8.



Figure 5.10.4-8 Completed synchronization task creation

5.10.5 Cloud monitoring screen

The cloud monitoring function is convenient for users to view the status information of all visible screens on the status monitoring page of cloud monitoring, as shown in Figure 5.10.5-1. If the screen is in a fault state, users can view the duration and reason for the status. Some operation

button annotations on the status monitoring page are shown in Table 5.10-2.

Balrash Table

Al(12001) Conine(33) 00			Department (All)			Model	Name All			0.0
	Offine(11958) Normal	11805) @Fault(213)								- 969
Name ©	Width ©	Height C	Department ©	Location ©	Model Name 😄	Online state	Fault Status	Status duration	Status Reason	Operation
10324011800279F6029D5	512	400	Ishenshen11111[0_01088]	Setup Loastion	BX-CCBA	Onine	Normal	0.01:35.58		E
10324011800255BAB5451	512	400	lishenshen11111[0_01088]	Setup Loasten	BX-C08A	Online	Normal	0.01.20.07		1
10324011800172640708F	512	400	lishenshen11111[0_01088]	Setup Laesten	EX-COBA	Online	Normal	0.01.35.51		
10324011800159D1046E2	512	400	lishenshen11111[0_01088]	Setup Loastion	EX-COBA	Online	Normal	0.01.35.49		
10324011800247927433F	512	400	lishenshen11111[0_01088]	Setup Loastion	BX-C08A	Onine	Normal	0:01:35:35		1
103240118002257A68DEC	512	400	lishenshen11111[0_01088]	Setup Loastion	BX-C08A	Onine	Normal	0:02:07:53		I
103240118001E567662FF	512	400	lishenshen11111[0_01088]	Setup Loantion	BX-C08A	Onine	Fault	0.01.35.29	Firmware version needs to be u	国
103240118001C6B93E289	512	400	lishenshen11111[0_01088]	Setup Loaction	BX-C08A	Online	Normal	0.02.09.02		tal (
103240118001805E3F4F9	512	400	lishenshen11111[0_01088]	Setup Laasten	BX-COBA	Online	Normal	0:01:18:11		tai (
10324011600162FD8DF6F	512	400	lishenshen11111[0_01088]	Setup Leastion	BX-COBA	Online	Fault	0:01:22:32	Firmware version needs to be u	tal (

Figure 5.10.5-1 Cloud Monitoring Screen - Status Monitoring Table 5.10-2 Status Monitoring Page

(1 2 3 4) 10/page ~ Go to 1 Total 33

	<u> </u>
button	functional annotation
-	Screen capture button, click to jump to the screen matrix
	page, where you can view a screenshot of the current
	content being played on the screen
	Status log button, click to view the status log of the
	screen for the past week

When users enter the screen matrix page, they can create a new multi-level matrix, open the last opened matrix, or open an existing matrix to monitor the current playback content on the screen, as shown in Figure 5.10.5-2. Users can create single, second-order, third-order, or fourth-order matrices, and adjust the refresh rate of the screen to refresh the screen content every 3, 5, 8, or 10 seconds. Annotations for some operation buttons on the screen matrix page are shown in Table 5.10-3.



Figure 5.10.5-2 Cloud Monitoring Screen Matrix Table 5.10-3 Screen Matrix Page

button	functional annotation
	Add Screen button, click to perform batch screen addition operation on the matrix,
	but it is not allowed to check the added screens repeatedly.
	Save button, click to modify the matrix.
Ø	The "Change Name" button allows you to modify the name of a matrix when
	clicked, and duplicate names are not allowed between matrices.
\oplus	The "Change Position" button can be clicked to adjust the order of screen positions
	in a multi-level matrix.
Ŵ	Delete button, click to delete the current matrix
	Rotate button, click to rotate the screenshot content of the screen, click once to
	rotate 90 degrees clockwise.
Ô	The camera button, when clicked, will pop up a list of cameras bound to the current
	screen. After selecting one, a page for viewing live content will pop up.
Ð	The zoom in button will enlarge the screenshot content of the current screen when
	clicked, and can only be enlarged twice.
Q	The shrink button will shrink the screenshot content of the current screen when
	clicked, and can only shrink twice.

Ŵ	Delete screen button, click to remove the current screen from the matrix.
KN KN	Full screen button, click to enter the full screen display mode of the current matrix.
0	Refresh button, click to obtain the latest screenshot of all screens in the current
	matrix. The frequency of clicking should not exceed half of the current refresh
	frequency time.

5.10.6 Early warning management

In order to facilitate users' understanding of the FLASH usage rate (%), memory usage rate (%), CPU usage rate (%), FLASH usage rate (%), and whether the network signal is too high or too low and affects the use of the control card, the platform has added a warning management function, as shown in Figure 5.10.6-1. Users can set thresholds for certain usage rates of the control card, and annotate some operation buttons on the warning management page, as shown in Table 5.10-4

International problem Control probin problem Control probin pro	reen name			Model Name All		n	All All		Warning type (All)			1	 Qui 	
Decembers: Description: Description: <th>onfig state</th> <th>(Ail)</th> <th></th> <th>Creator</th> <th></th> <th></th> <th>Version</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>94 RH</th>	onfig state	(Ail)		Creator			Version						94 RH	
YBM BX/9M S268880 TLd3*sequent/N net ondgrade Baneshettitt S2000011427 Baneshettitt S2000011427 Baneshettitt S2000011427 Baneshettitt S2000011427 Baneshettitt S2000011427 Baneshettitt S2000011427 R20 R20 <th <="" r20<="" th=""><th>50</th><th>creenName 0</th><th>Model Name ≑</th><th>Firmware version 😄</th><th>Warning type 💠</th><th>Config Status 🔅</th><th>Create user 😄</th><th>Creare time 😄</th><th>User =</th><th>TIME ¢</th><th></th><th>Operation</th><th>n</th></th>	<th>50</th> <th>creenName 0</th> <th>Model Name ≑</th> <th>Firmware version 😄</th> <th>Warning type 💠</th> <th>Config Status 🔅</th> <th>Create user 😄</th> <th>Creare time 😄</th> <th>User =</th> <th>TIME ¢</th> <th></th> <th>Operation</th> <th>n</th>	50	creenName 0	Model Name ≑	Firmware version 😄	Warning type 💠	Config Status 🔅	Create user 😄	Creare time 😄	User =	TIME ¢		Operation	n
YBM BK/9M S268880 Menory samp sampling ref ordigated Banewalettitti S20000814427 Banewalettitti S20000814684 Banewalettitti S20000814684 Banewalettitti S20000814684 Banewalettittit S20000814684 Banewalettittit S20000814684 Banewalettittit S200042248434 Banewalettittit S200042248434 Banewalettittit S200042248434 Banewalettittit S200042248434 Banewalettittit S200042248434 Banewalettittittittit S200042248434 Banewalettittittit S200042248434 Banewalettittittittittittittittittittittittitti		YUBA	BX-Y08A	24061800	FLASH usage rate(%)	not configured	lishershen11111	2025/05/26 13:44:27	lishenshen11111	2025/05/26 13:44:27		23	109	
YBM BX:9M 2801000 OPLiagenet(1) Indexigenet Standball 200000014427 Standball S		YUBA	BX-Y08A	24061800	Memory usage rate(%)	not configured	lishenshen11111	2025/05/26 13:44:27	lishenshen11111	2025/05/26 13:44:27		23	197	
G? B.G? S26500 FLAB isage safe(s) net onligeet Methodes11111 S20504219.818 Methodes11111 S20504219.618 Methodes1111 S20504219.618 Methodes1111 S20504219.618 Methodes1111 S20504219.618 Methodes1111 S20504219.618 Methodes1111 S20504219.618 Methodes1111 S20504		YUBA	EX-Y08A	24061800	CPU usage rate(%)	not configured	lishenshen11111	2025/05/26 13:44:27	Sahenshen11111	2025/05/26 13:44:27	B	2	107	
C? BiC2 286888 Memory sager stells) net endpand Memory sager stells) net endpand C2 BiC2 286888 CPU sager sm ² ₁) net endpand Some same stell		C2	BX-C2	24092600	FLASH usage rate(%)	not configured	lishenshen11111	2025/04/22 10:48:18	lishensher/11111	2025/04/22 10:48:18	E	2	107	
C B.C.2 240308 CPU:augrine(%) Introduced Submitter11111 220342219.418 Development 220342219.418 🕅 🖏 🔅		C2	BX-C2	24092600	Memory usage rate(%)	not configured	lishenshen11111	2025/03/13 10:08:41	lishenshen11111	2025/03/13 10:08:41	B	2	101	
		C2	BX-C2	24092600	CPU usage rate(%)	pot configurat				ANAL A 199 19 19 19 19	-	S		
						Too songerse	Ishenshen1111	2025/04/22 10:48:18	Ishenshen! 1111	2005/04/22 10/46/18	B	8	141	
							abender11111	2005-04-22 10 v&18	isbersher:1111	2000/40210/4618	DA	8	444	
						i da la galeria	adenaker1111	2025-04.22 TO 48 18	intervier 1111	20004421104618	DA	S.		
							kelende († 1111	2009-6427 10-81-9	interviewe 1111	SUBJARE IN MELT	DA	8		
							kelende († 1111	2009-6427 10-819	ikkenket1111	NACI WALL	64	8		

Figure 5.10.6-1 Warning Management

Table 5-1	0-4 W	arning	Managem	ent Page
14010 5.1	0-+ 11	armig	managem	em i age

button	functional annotation
	View button, when clicked, displays the set screen name, device model, firmware
	version, alert type, alert threshold, and alert trigger conditions.

23	Set button, click to set warning threshold and warning trigger conditions in the
	pop-up box.
	Configure distribution, click and send the device's set warning information to the
	control card.
5	Reset the alert and click to send the configured alert information to the selected
	screen.

After clicking the add button on the alert management page, the add alert page will pop up, as shown in Figure 5.10.6-2. On this page, users can select the currently online screen and click the "Alert Enumeration" button on the right side of the page to obtain the alert types currently supported by the selected screen. Users can set one or more warning types and triggering conditions on this page. After selecting the warning type, clicking the edit button will pop up the settings page, as shown in Figure 5.10.6-3. Up to three warning threshold rules can be added.

After the user clicks on the configuration issue on the warning management page, when the returned data value meets the conditions for triggering an alarm, a corresponding record will be generated on the alarm management page. If an emergency contact is set, the user will also be notified through SMS

	Usabl	Name		Model Name A		©Early warning enumeration	
irmwa	re version All	Group	All ~		\$	Warning type: CPI Lusage rate(%)	
	Name	Model Na me	Firmware v ersion	Status ≑	Alert config ured	Warning threshold:	te foi
	~ 🖿 默认分组					0 second, the alarm is triggered	13 10
	Y1A-0526	BX-Y1A	25040900	•		Warning type' Memory usage rate/%)	
	Screen1	BX-Y3A	23013100	Task runnin	ç	Warning threshold:	
	~ 📑默认分组					Early warning trigger condition: If the status las	ts fo
	Y1L	BX-Y1L	24081600	•		U second, the alarm is triggered	
×	0381032401	BX-C08A	24081900	Task runnin	ç .	Warning type: Network signal	
	0381032401	BX-C08A	24122600	Task runnin	ç	Warning threshold:	
	0381032401	BX-C08A	24081900	Task runnin	ç	Early warning trigger condition: If the status las 0 second, the alarm is triggered	ts fo
	0001000401	DV CODA	04004000				_
E	1 2	3 4 >	10/page	∽ Go to	1 Total 31	Warning type: FLASH usage rate(%) Warning threshold:	
lultiple	e pages can be se	lected. Selected	: 2 screen				

Figure 5.10.6-2 Add Alert

Setup			×	
Warning threshol d:	Custom		\sim	
Network signal :	Higher than	()		
	Lower than			
	添加规则			
Early warning trigg er condition:	State persistence	30 🔊	The second is judged to trigger the warn	
			Ok Off	

Figure 5.10.6-3 Setting Threshold

On the current alarm page, users can view the relevant alarm records after setting the threshold alarm, as shown in Figure 5.10.6-4. Users can confirm alarms and set emergency

contacts on this page. Some operation buttons on the alarm management page are annotated, as shown in Table 5.10-5

Image of the image of	een name Proce enter a scheer name		Device Enter device bern number		Model All Name		Version All		-
Opened (1) Opened (2) Opened(ming type (All)		Start time 🗇 2025/05/30 00:00:00		End Time 🗇 2025/06/06 23:59:59				
QBB102021770257 DB100202777257 DB100002277257 DB1000002277257 DB100002277257 DB1000002277257 DB100002277257 DB10	ScreenName 0	Device 0	Model Name 0	Firmware version 0	Warning type ©	Warning theeshold	Trigger value 0	Trigger time 0	Ope
GBRISSERTIBOGC2377EEF BECOM 248190 Merroy.usgo.ob/3 kg.um/10 BE3 2025408.919.92 🕇	039103240118000C2377EE3F	038103240118000C2377EE3F	BX-C08A	24081900	FLASH usage rate(%)	below 20	12.37	2025/06/06 16:18:03	拉
	038103240118000C2377EE3F	038103240118000C2377EE3F	EX-COBA	24081900	Memory usage rate(%)	higher than 10	88.39	2025/06/05 16:18:02	查

Figure 5.10.6-4 Current Alarm

Table 5.10-5 Current Alarm Page

After the user clicks the "Set Emergency Contact" button, they can perform the addition operation on the pop-up page, as shown in Figure 5.10.6-5. After clicking "Add Emergency Contact", a settings page will pop up, as shown in Figure 5.10.6-6. Users can select relevant screens on the left side of the page and add up to 3 emergency contacts on the right side of the page. Notify via SMS based on the binding status of the selected user account. Save the relevant configurations, and when the configured warning information meets the triggering alarm conditions, emergency contacts will be notified via SMS according to the set situation.



Figure 5.10.6-5 Alarm Management - Setting Emergency Contacts

	Usabl		Name	Please ente	r name	Q	Contact person:李甲甲企业帐号1
del	num Please ente	er the model n	Group	All		4	Notification mode: Short rr $ \lor $
	Name	Device mo del	Resolutio n	Number of alerts	Status ≑	Memo	Contact information: 86-17613273513
	◇ ■默认分约					_	Contact person:测试250116邮箱 〇
							Notification mode: Mail \sim
	text_lss001		0x0	0	Offline		Contact information: 20250116@qq.com
	Y1A-0526	BX-Y1A	720x1280	0	Online		
	Screen1	BX-Y3A	192x192	0	Online		(+) Add an Emergency Contact
	6E1XP	BX-6E1XP	128x32	0	Offline		
	010A	BX-TAXI	192x128	0	Offline		
	818A-0317	BX-818A	1920x1080	0	Offline		
	屏幕2	BX-3568A	1920x1080	0	Offline		
						•	
E	X 1 2	3 >	10/page	✓ Total 2	28		

Figure 5.10.6-6 Alarm Management - Settings

Users can enter the alarm record page to view the alarm release records of the set alarm, as shown in Figure 5.10.6-7. Users can view or export and download each record. Some operation buttons on the alarm record page are annotated, as shown in Table 5.10-6.

	m Alam record										
Screen name		Devic	Enter device Kern number		Model All			Firmware All			0.00
Warning type (All)		- Start tim	e 💠 2025/05/30 00:00:00		End Time 🔲 2	025/06/06 23:59:59					Pu Re
ScreenName 0	Device ‡	Model Name ©	Firmware version ‡	Warning type 😄	Warning threshold	Trigger value 😄	Start time 🗘	End time 💠	Duration(5) ÷	reason 😄	Operatio
038103240119000C2377E	038103240118000C2377	BX-C08A	24081900	FLASH usage rate(%)	below 20	12.37	2025/06/06 16:18:03	2025/06/07 00:11.46	28423	Reset Alert Release Alarm	R 3
038103240118000C2377E	038103240118000C2377	EX-COBA	24081900	Memory usage rate(%)	higher than 10	88.39	2025/06/06 16:18:02	2025/06/07 00:11:46	28424	Reset Alert Release Alarm	E 4

Figure 5.10.6-7 Alarm Record

On the alarm record page, users can click the view button for any alarm record to enter and view the historical alarm data (in the form of a data list) for that alert, as shown in Figure 5.10.6-8.

@ Home > senior > warringManage		Total number of screens: 12019 Online rate: 0.27%
Early warning setting Current alarm Nami record		
<	Memory usinge rate(%) 038103240116000C2377EE3F	
Creare line	Warning Dreshold	Trigger value
2625/05/06/16:18:03	higher than 10	88.39

Figure 5.10.6-8 Alarm Record - View

5.10.7 sensor management

Sensor management can meet users' requirements for sensor device management, as well as data collection, monitoring, and sharing. Users can enter the sensor management page to view the relevant information of the current sensor device, as shown in Figure 5.10.7-1. Users can add, delete, modify, and set sensor devices on the device management page. Some operation buttons on the device management page are annotated, as shown in Table 5.10-5.

501				Sensor			C1-	100			
iame Please enter a sensor name				type (All)				Status (Al)			
Acreen Pis enter screen name				Model (AI)			Uata T	Data Type (All)			
				items (AII)							
Sensor name 0	Sensor type 0	Sensor address ©	Status 0	Screen name 0	Model 0	Data Type 0	Sensor data value	Update time	Creation time 0	Shared Items ©	Operation
test213456	Temperature and humidit		Connect	C0Y1A02205090099[Dal		humidity.temperature;				No	C & C

Figure 5.10.7-1 Sensor Management - Device Management Table 5.10-5 Equipment Management Page

button	functional annotation
	Change the name to modify the name of the sensor device.
N	Settings can be made for timed sensor data feedback and threshold alarm settings.
C	Refresh status, click to obtain the current connection status of the sensor device.

After clicking the add button on the device management page, the add device page will pop up, as shown in Figure 5.10.7-2. On this page, users can select the currently online screen and click the "Get and Refresh Device Information" button on the right side of the page to obtain the sensor device currently connected to the selected screen. Users can set the device name on this page. If not filled in, after selecting the device and clicking save, the sensor type will be used as the default name.



Figure 5.10.7-2 Device Management - Add Device

After adding the device, each sensor device user can set regular feedback and threshold alarms. Just click the settings button behind the record to pop up the settings page, as shown in Figure 5.10.7-3. When setting up regular feedback, users can manually select the date, and the feedback frequency can be set at fixed minute intervals, such as every 60, 30, or 20 minutes. They can also set timed feedback or choose not to store feedback data.

Users can choose different types of data returned by sensors to set threshold alarms. After clicking save, when the returned data value meets the conditions for triggering an alarm, a corresponding record will be generated on the alarm management page. If an emergency contact is set, the user will also be notified through SMS or email.
Setup				×
Periodically	send back Setting	gs:		
Begin Date	Please sele	ct start Time		
Finish Date	🗐 Please sele	ect cut-off time		
Data storage	frequency: U	nsave ~		
Threshold al 1Data type:	arm Settings:	Threshold value	Trigger condition	ū
humidity	\sim	1	Greater than this \sim	
+ Add thres	shold			
			Reset sensor settings	Save

Figure 5.10.7-3 Device Management - Settings

On the alarm management page, users can view the relevant alarm records after setting threshold alarms, as shown in Figure 5.10.7-4. Users can confirm alarms and set emergency contacts on this page. Some operation buttons on the alarm management page are annotated, as shown in Table 5.10-6.

type (All) DeviseMans ○ 作品目、高粱 (何信日、高粱(00) 作品目、高粱 (月信日、高粱(00) 作品目、高粱(00) (月信日、高粱(00)	Equipment type © Brightness sensor Temperature and humidity sensor Brightness sensor	Start Time 11 Plane scient start Time Screen name 0 V3A[Deleted] V3A[Deleted]	Model 0	Cut-off time Data type 0	Trigger threshold ©	Trigger value 0	Trigger time 0	4 Re
DeviceName 0 作感器_原面 (何感器_周面) 作感器_房面 (何感题_周面) 行感器_周面(0) (何感题_周面)	Equipment type © Brightness sensor Temperature and humidity sensor Brightness sensor	Screen name © .Y3A[Deleted]	Model 0	Data type 🔅	Trigger threshold 0	Trigger value 0	Trigger time 0	
作信器_気度 作信器_高型度001 作信器_高度度 作信器_高度度001	Brightness sensor Temperature and humidity sensor Brightness sensor	Y3A[Doleted]						Operat
(中級器_室型面001 (中級器_完面 (中級器_室型面001	Temperature and humidity sensor Brightness sensor	Y3AIDeleted		brighthess	1	34	2025/05/28 19:09:59	ň
传感器_英度 传感器_基度度001	Brightness sensor			humidity	1	59	2025/05/28 19:09:59	ñ
许感致_高速度001		Y3A[Deleted]		brightness	1	34	2025/05/28 19:09:49	ň
The second second second second	Temperature and humidity sensor	s Y3A[Deleted]		humidity	1	59	2025/05/28 19:09:48	ň
性語器_完度	Brightness sensor	[beteleD]AEY		brightness	1	34	2025/05/28 19:09:38	ň
传感器_道温度001	Temperature and humidity sensor	s Y3A[Deleted]		humidity	1	59	2025/05/28 19:09:38	ñ
传想器_克度	Brightness sensor	Y3A[Deleted]		brightness	31	33	2025/05/28 19:09:28	ñ
传感器_温湿度001	Temperature and humidity sensor	s Y3A[Deleted]		humidity	1	59	2025/05/28 19:09:28	ň
竹想器_洗皮	Brightness sensor	Y3A[Deleted]		brightness	21	34	2025/05/28 19:09:18	ñ
作成器_道型度001	Temperature and humidity sensor	s Y3A[Deleted]		humidity	1	50	2025/05/28 19:09:18	ñ

Figure 5.10.7-4 Sensor Management - Alarm Management Table 5.10-6 Alarm Management Page

button	functional annotation		
--------	-----------------------	--	--

S	Set up emergency contacts and select relevant users to receive alert messages or
	emails.
-Ŭ-	Confirm the alarm. After clicking, all unconfirmed alarm records will become
	confirmed and the button color will change to black.

After the user clicks the "Set Emergency Contact" button, they can perform the addition operation on the pop-up page, as shown in Figure 5.10.7-5. After clicking "Add Emergency Contact", a settings page will pop up, as shown in Figure 5.10.7-6. Users can select relevant screens on the left side of the page and add up to 3 emergency contacts on the right side of the page. According to the binding status of the selected user account, SMS or email notifications can be selected. Save the relevant configurations, and when the external sensor device of the selected screen meets the triggering alarm conditions, emergency contacts will be notified through SMS or email according to the set situation. If the relevant user fails to confirm the alarm on the alarm management page after triggering the alarm, and the subsequent sensor feedback values still meet the triggering alarm conditions, no further SMS or email notifications will be sent to the emergency contact.

设置紧急联系人			×
紧急联系人 Screen1等1个屏 十添加紧急联系人	0	3个紧急联系人	D
			保存取消

Figure 5.10.7-5 Alarm Management - Set Emergency Contact

设置									×
刑	Usabl 日		名称分组			Q A	联系人:	李申申企业帐号1	Θ
Ō	名称	型号	分辨率	传感器个数	状态	备注	通知方式: 联系方式:	短信 86-17613273513	
	Y1A-0526	0x2d58	720x1280	0	在线		(1)添加紧急	11年三人	
	Screen1	0x2858	192x192	1	在线		C right and a star		
O		< 1 >	10/page 🗸 🗸	Go to 1	Total 2				
可跨页:	多选,已选择:0 块	屏幕						确	定

Figure 5.10.7-6 Alarm Management - Settings

Users can enter the historical data page to view the feedback history data of various sensor devices, as - shown in Figure 5.10.7-7. Users can export or switch to chart mode to save historical data as image materials and upload them to the platform. Some operation buttons on the historical data page are annotated, as shown in Table 5.10-7.

	sensor					Total number of screens: 12019	Online rate: 0.27%
List of sensor dev	oes Shared data management Alarm m	nanagement Historical data					
DeviceName 1		DeviceType (All)		DeviceAddre Herse ofter device address	ScreenName Pole		C. Query
Model (A	0	 Data type (All) 		Start date 🗇 Pinete select start Time	Cut-off time		9 _V iteset
	DeviceName 0	DeviceType 0	DeviceAddress 0	ScreenName 0	Model 0	Data type 😄	Operation
	作感题_高度	Brightness sensor		Y34[Deleted]		brightness;	国业
	19-時間_道道症001	Temperature and humidity sensors		Y3A[Deleted]		temperature;humidity;	园业

Figure 5.10.7-7 Sensor Management - Historical Data Table 5.10-7 Historical Data Page

button	functional annotation
B	View, click to view the historical feedback data of the sensor device
\checkmark	Download and click to store historical data in Excel document format

On the historical data page, users can click the view button for any device record to enter the view of the device's historical data (in the form of a data list), as shown in Figure 5.10.7-8. On this page, you can view the average daily data and also modify the displayed data. Clicking the export Excel button on this page will export some data based on the user's modifications.-

2 Home > senior > sensor			Total numb	er of screens: 12019 Online rate: 0.27%
List of sensor devices Shared data management Alarm management	Historical data			
< RExport excel		传感器_亮度	Only display	daily average values 选择显示数据 ~ 🔠 📈 。
	creation time		brightness	
	2025/05/28 19:08:08		34.00	
	2025/05/28 18:48:06		33.00	
	2025/05/28 18:28:02		32.00	
	2025/06/28 17:48:25		31.00	
	2025-05-28 17:28:22		28.00	
	2025/05/28 17:08:20		28.00	
	2025/05/28 16:48:17		28.00	
	2025/05/28 16:28:14		29.00	
	2025/05/28 16:00:11		27.00	
	2025/05/28 15:48:08		26.00	
0	1010	3 4 5 > 10/page ~ Go to 1 Total 46		

Figure 5.10.7-8 Historical Data - View

Users can view the historical feedback data of sensors not only in the form of a data list, but also in the form of charts. After clicking the chart analysis button, as shown in Figure 5.10.7-9. Users can also switch between different types of charts and modify their related properties. Click the "Generate Material" button, and a page as shown in Figure 5.10.7-10 will pop up. Users can directly generate images adapted to the screen from the modified chart and save them in the material management. The images can be sent to the screen for direct display.



Figure 5.10.7-10 Historical Data - Generated Materials

Users can also share data from sensors on a control card with other control cards that do not have sensor devices connected. After adding data on the shared data management page, the sensor values in the network data partition of the program production page can achieve the sharing effect.

View the added shared data on the shared data management page, as shown in Figure 5.10.7-11.

and Date Tax (41)				Coursellans					Denico mante				0.0
aredDataTyj (#0				Calculation	CAID				Device model Please relate the model summer				0,1
				mode									
SharetDatanam	 Display data brightness 	revelation of	Brightness sensor	Y34	Device model ::	Test	cacuation mode :	Herresn time C	Normal	visits of the day \pm 1770	10520	2025/05/27 11:28:20	
0.000	brightness	11040,004	Bristiness sensor	Y34	v	numerical value	defuil	10	Normal	1789	10514	2025/05/27 11 27:42	
382*	humidity	1918.88 20.20001	Temperature and hu	Y3A	¥	Test	default	10	Normal	1768	10608	2025/05/27 13:58:06	
nana	humidity	传统器 高型度001	Temperature and hu	Y3A	Y	numerical value	default	10	Normal	1771	10626	2025/05/27 11:26:07	KAR
温度文本	temperature	传统器 直至面001	Temperature and hu	Y3A	Y	Test	default	10	Normai	1767	10602	2025/05/27 11:25:27	KAR
温度数值	temperature	传感器_测测度001	Temperature and hu	Y3A	v	numerical value	default	10	Normal	1771	10626	2025/05/27 11:24:46	KAR
shyd	humidity	wenndu	Temperature and hu	C0Y3A-0114	Y	numerical value	detault	10	Normal	5715	720583	2024/11/07 17:54:58	C D D
wed	temperature	wennclu	Temperature and hu	C0Y3A-0114	Y	numerical value	default	10	Normal	6620	835517	2024/11/07 15:30:04	
shidu	humidily	wenndu	Temperature and hu	C0Y3A-0114	Y	numerical value	detault	10	Normal	291	36957	2024/11/07 14:34:22	
wendu	temperature	wenndu	Temperature and hu	C0Y3A-0114	Y	numerical value	default	10	Normal	234	29718	2024/11/07 14:34:10	000

Figure 5.10.7-11 Shared Data Management

Users can add data in the shared data management, as shown in Figure 5.10.7-12. Annotations for some operation buttons on the shared data management page, as shown in Table 5.10-8

	Edit button, click to modify the added shared data
Ð	Copy button, click to enter the shared data editing page, modify the information and
	save it
	Start button, click to restore sensor data acquisition
	Pause button to stop obtaining sensor data

 Table 5.10-8 Shared Data Management Page

After clicking the add button on the shared data management page, the add shared data page will pop up, as shown in Figure 5.10.7-12. On this page, users can set the name of shared data, display data, unit, shared data type, calculation mode, significant digit retention bit, data

acquisition frequency, and other information. Clicking the button after selecting the sensor will pop up the sensor data added to the sensor device list, and users can also set sensor correction values. Note: Before using this feature, you need to add a sensor to the sensor device list, otherwise it cannot be used.

Sasic mornation	Numerica fue			
Sha	aredDataName	亮度文本		
Dis	play data	brightness	~	
Conversion unit		lm	~	Show
Sha	aredDataType 🥝	Text	~	
Calculation mode 🥝		default	~	
Dec	cimal	0		
Acc	uisition frequency	10 seconds	~	
Sele	ect sensor	传感器_亮度	•••	
Sen	sor type	Brightness sensor;		
Sen (?)	sor correction value			

Figure 5.10.7-12 Adding Shared Sensor Data

After adding the data popup input and selecting the completed data, users can also set the display rules for numerical values on the numerical rules page, as shown in Figure 5.10.7-13. In addition to numerical values, display rules for text types can also be set, as shown in Figure 5.10.7-14.

Basic information	Numerical rule		
		⊙ Add Numeric Rule	
Starting value	0		including boundary val
End value	200		including boundary val
Number colo	· [° ∨	
Background co	lor	~	

Save	Cancel

Figure 5.10.7-13 Shared Sensor - Numerical Types

asic information	Numerical rule	
	Appe 💿	lumeric Rule
Default display	text 未知	
# represents the sens	or value, if you need to display to	ext, you can refer to the example below; Temperature: #°
Starting value	0	including boundary val
End value	200	including boundary val ues
Default display t	ext 好暗	

Figure 5.10.7-14 Shared Sensor - Text Type

After adding shared data on the shared data management page, users need to add network data partitions on the program production page and modify the data type to sensor values, as shown in Figure 5.10.7-15. Click the button behind the shared data to select the shared data to be added on the shared data management page. The added sensor data will be displayed in the partition, and the update frequency of the partition can be set.

....



Figure 5.10.7-15 Sensor Values

5.10.8 Digital monitoring broadcast

Digital monitoring is a convenient way for users to monitor a single program after it is displayed on the screen. It records the playback of the program on all screens during a set date and time period, and provides feedback on the program's playback compliance. If the program meets the standard, it will be displayed in blue, and if it does not meet the standard, it will be displayed in red. Each program can only have one monitoring contract, and currently only Z-series control cards and S6 players support digital monitoring functions. When selecting programs, only programs that support Z-series control cards or S6 players can be selected, and the program creation date must not exceed 30 days from the day of adding monitoring

The user clicks on digital monitoring to enter the program monitoring page, selects the program that has ended monitoring from the drop-down menu, and can view the specific playback status of the program, as shown in Figure 5.10.8-1.



Figure 5.10.8-1 End Program Monitoring Page

When the user selects to view program monitoring that has not started or has started but has not ended, the monitoring page only displays the contracted playback quantity, as shown in Figure 5.10.8-2. There is an edit button on the right side of the drop-down box to edit the monitoring contract, as shown in Figure 5.10.8-3.

2 Home > senior > digital			Total number of screens: 11991 Online rate: 0.68%
Program monitor Data overview			
激励同步場合节日 🗸 🕀	Ø 音	测试同步组合节目 Program duration: 00:17:52	
1 * Number of release	Number of substandard playback screens (1) 0	Not qualified playing frequency \oplus 0	Failure rate 💮 🕫
	20		
225 Trinscover Contract playback	20		
	200		
225 Times Contract play screen time			
0 Times Actual play frequency		The qualified pizy hopency	Sutstantian

Figure 5.10.8-2 Unstarted Monitoring Page



Figure 5.10.8-3 Page for clicking the edit button before starting monitoring

When viewing the program monitoring that has started but not ended, the page counts all data from the start date to the previous day. The edit button changes to the view contract button, as shown in Figure 5.10.8-4. After clicking, only the monitoring contract can be viewed, and the contract content cannot be changed, as shown in Figure 5.10.8-5.



Figure 5.10.8-4 Monitoring page that has started but not ended



Figure 5.10.8-5: Monitoring has started but not ended. Click on the "View Contract" button page Annotations for some operation buttons on the monitoring page are shown in Table 5.10-9.

Table 5 10-9 Annotations	on the Button	Functions	of the	Program	Monitoring	Page
Table 5.10-9 Almotations	on the Button	Functions	or the	riogram	Monitoring	rage

button	Function Introduction
	Edit button, click to enter the monitoring contract editing page, where you can
	modify contract information. (This button only appears when the contract has been
	created but has not yet started)
Ð	Add button, click to add monitoring contract, and contract settings will pop up.
Ŵ	Delete button, used to delete the selected monitoring contract.
R	The screen playback details button allows you to view the playback status of each
	playback period in the monitoring contract.
Ê	After clicking, a calendar will pop up for selection. You can choose a time within the
	contract date to check the playback status.

Click the add button to bring up the add monitoring contract page as shown in Figure 5.10.8-6. You can enter contract information on this page, click save, and the page will return to the program monitoring page. Click the drop-down box to view the newly created program monitoring.

@ Home senior digital		2		Total number of screens: 11021 Online rate: 0	uns 🔳 🖂
autoseette - (-).	/ *	Add monitor	8		
		Name			
1 •	Number of substandard playback screens (2) 0	Drop screen selection		0 Failure rate	e 🗇 0%
Number of	Manistical data	Contract broadcast date	🗐 Start Dete b Deadline date		
release	241		🕃 : 00 - 🕃 : 00 Play times: 🕃 Time/screen/period		
		Contract play periodipla v times	🔅 : 00 - 🕃 : 00 Playtimes: 🕃 Timetoreenperiod		
	200		2 00 - 2 00 Play lines 2 Time/screen/period		
225 Timescover			Save		
Contract					
раураск					
225 Titres					
screen time					
0				Sambled day	
Actual play					
frequency			The qualified play frequency Requester Not qualified playing frequence	¥	

Figure 5.10.8-6 New Contract Monitoring Page

Click the screen details button to pop up a screen playback details pop-up window. On this page, you can view the playback status of each playback period in the monitoring contract. By default, only the non compliant screens are counted, as shown in Figure 5.10.8-7. After unchecking, the page will display the playback status of all playback time periods, as shown in Figure 5.10.8-8.



Figure 5.10.8-7 Screen playback details page (default)



Figure 5.10.8-8 Screen playback details page (uncheck - all)

On the "Screen Playback Details" page, users can click the "Screen Playback Details" button behind any screen time period to view a bar chart of the playback volume of a single screen during the contract period, as shown in Figure 5.10.8-9.



Figure 5.10.8-9 Screen playback details page (single screen)

Users can view all program monitoring data on the data overview page, arranged by list, and directly view various data, as shown in Figure 5.10.8-10. Click the export button below to export all monitoring data locally.

Operation
Operation
2
K
~
1×
12
Le .
1
12
12
12

Figure 5.10.8-10 Data Overview Page

On the data overview page, select any monitoring data, click the program task button at the back, and select any day by date to view the playback data for each hour, as shown in Figure 5.10.8-11.



Figure 5.10.8-11 Data Overview - Program Monitoring Details Page

On the Data Overview - Program Monitoring Details page, when the user hovers over a certain column, the corresponding time slot and the set time slot playback volume are displayed, as shown in Figure 5.10.8-12.

		Inge (III) Unqualified playback			Da	Me 10 2024-09-10	onitor data detail map		(Times)>			
2 2	1 2 3	Program Name ©	Number of release screens	Daily playback times of single	Contract broad	110 110	116 112 110		er of substanderd playb	Unqualified playback screen 8	Patture rate 0	Operation
2000/11/2 1 00 0000 00 00 00 00 00 00 00 00 00 00 00 0	Subscripting 1 0.01 0.0051 / game 0			250	2025/04/24 00 0	50	22		1	250		
2000/10.21 1 273 2000/10.20 1 1 1 1 1 0	Absolution 1 27 Absolution 1	20250317-2监接管试		550	2025/03/18:00:0	50		1		550	100%	
ADDITION 2 1 201 20100000000000000000000000000000000000	Approved 2 1 201 2010010-02 0	20250110-21		275	2025-01/11 00:0	10 0 0 0 0 0 0 0 3	• Time: 09:00-10:00		0	0		
40.6 1 50 245001100 1 100 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 1 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 245000 2450000 2450000 2450000 2450000 2450000 24500000 245000000000000000000000000000000000000	40.65 1 90 2000001000 The settled pile prever 60 31 40 7.40% 50 2000005-00 1 200000000 200000000 1 200 200000000 1 200 200000000 1 200000000 1 200000000 1 200000000 1 200000000 1 2000000000 2000000000 1 2000000000000000000000000000000000000	21250110-22		250	2025/01/11 00:0		Data: 116	and the second s	0	٥		
12000000 c31 1 100 2000000 c35 000 000000000000000000000000000000000000	20000000-023 201 2010000-020 201 2010000-020 2010000-020 2010000-020 2010000-020 2010000-020 2010000-020 2010000-020 2010000-020 2010000-02000-0200 2010000-02000-0200 201000-02000-02000-0200 201000-02000-02000-0200 201000-02000-02000-0200 201000-0200 0000-02	45545		550	2025/01/11 00.0				38	43	7.45%	
2340006_92 1 201 201000600000000000000000000000000000000	3000000-02 1 301 3000000000000000000000000000000000000	20242996-2-03		700	2024/09/10 00:0	The qualified play	frequency Not qu	alified playing frequency	T	201	47.29%	
1000#0058888 1 275 20460059808 1 275 0 1 275 1000 2480520007000 01 275 204005000000000000000000000000000000000	100040008888 1 275 0.0 1 275 MMC MM	20240906-2-02		350	2024-09-10-00-09:00-2	1024	350	411	1	100	28.57%	
2.482532204/70201 1 375 562 0	2.488533330457960 1 373 334545161600589.2842. 1 335 992 0 0 0 6 6	TOMEAt(SEI版效器)		275	2024/06/27 00:00:00 2	1024	275	0		275	102%	1
2.488.55256455564 1 200 20045515.00169.50044 3 200 8.99 0 0 0	2 48833256445564 3 200 2004455576 0018032642 9	Z-接触日支2024073002		275	2024/07/01 00:00:00-2	1024	375	902	0	9	0	Le.
		2-補助日志2024075001		290	2024/07/31 00:00:00/2	1024	290	819	0	0	0	

Figure 5.10.8-12 Program Monitoring Details Page

5.10.9 Play statistics

The playback statistics can be divided into two pages: 1. Program playback statistics, which refers to querying the number of screen views and total playback times of programs on the control card within a specified date, as shown in Figure 5.10.9-1. 2. Screen playback statistics refer to the number, duration, and total number of programs played on the screen, as shown in Figure 5.10.9-2.

	y statistics			
program		Date time 🔠 Start	ine 10 End Time	C Overy
	10 ¢	Name	Number of screens released 😄	Total playback times
	137903	20241203-17:49:20-竹田1	1	9
	137904	20241203-17-49:20-节田2	1	10
	138044	20241209-lod-4011	1	640
	138054	20241203-17:49:20-节田3	1	11
	138060	20241209C08-01	4	2552
	138054	20241209-Y1A播放日志1	1	258
	138056	20241209-Y1A楼线日志2	1	259
	138182	20241210-C-02	1	37
	138362	测试天气自动更新-节目1	1	73
	138365	20241209-Y1A爆放日志1_节目复件	31	61

Figure 5.10.9-1 Program playback statistics

statatistics S	creen play statistics				
			Bala Bara da Sana Tana da Castron		
screen			Date time to Lind Time		C Osery
	10 0	Screen name	Number of programs played \oplus	Total screen playback time 0	Total number of playing times $\ \odot$
	4100	Y1A-0526	4	05:51:43	639
	4287	3588A-20250515	3	00:00:00	146
	11185	3288A-38281E	6	07:55:47	1309
	13211	C38-0529	9	35:16:17	14552
	13321	C0Y1L-0427	2	00:25:39	36

Figure 5.10.9-2 Screen playback statistics

5.10.9.1 **Program playback statistics**

Users can check the playback status of a program based on its data range, program name, creator, model name, and publishing status by clicking on the program selection box shown in Figure 5.10.9.1-1. After selecting the program, click the OK button to display its playback status. Click the blue number button under the Total Playback tab to pop up a program playback

details pop-up box as shown in Figure 5.10.9.1-2. Click to export the current data.

button	functional annotation
	In program playback statistics, select the program button, and in screen playback
	statistics, select the screen button. Click to enter the screen/program selection dialog
	box.
R	Export, clicking on it will export the data and download it locally

ew ran	ge (All) ~	Name	Please e	enter progran	Release st atus	(All)	
Model N n	Na (All) ~	Creator	Please (enter Creator			Rese
	名称 ≑	Release statu	IS ÷	Model Na	me ≑	Creator 🌲	Creare time 🌲
	20250605-Y01	Released	b	BX-Y	2L	李申申企业帐号1	2025-06-06 02:00:52
	20250604-17:23:00	Unpublish	h	BX-Y	2L	李申申企业帐号1	2025-06-05 01:47:33
	Demo Picture only	Unpublish	h	BX-Y1A;B	X-Y3A	李申申企业帐号1	2025-06-04 23:19:07
	Demo Video only	Unpublish	h	BX-Y1A;B	X-Y3A	李申申企业帐号1	2025-06-04 23:19:07
	20250528-诱导01	Released	b	BX-Y	1A	李申申企业帐号1	2025-05-29 05:08:54
	20250528-Y天气定时	Unpublish	h	BX-Y	1A	李申申企业帐号1	2025-05-29 03:52:12
	20250526 ト海甸社	Poloocor	4	DV VOA-DV	V1A-D	本中中个小社 早1	2025 05 26 10.45.01

Ok Close

Screen name	First playback time	Last playback time	Play times
Y1L-0318	2025/03/18 11:50:14	2025/03/18 18:47:17	282
C0Y1L-0427	2025/04/02 16:50:08	2025/04/02 17:15:08	18

Figure 5.10.9.1-2 Program playback details

5.10.9.2 Screen playback statistics

Users can check the playback status of programs on the screen. Clicking on the program selection box will pop up, as shown in Figure 5.10.9.2-1. Users can search the screen based on data range, name, device number, location, model name, and grouping. After selecting the screen, click the OK button to display the program playback status on this screen. Click the blue number button under the Total Playback tab to pop up a screen playback details pop-up box



ew range	At the same level ${\scriptstyle\checkmark}$	Name	Pleas	e enter name	Device	Enter device item	Q. Quer
Locatior	Enter the location	Model Na me	(All)	~	Group	All	Rese
	Name	Device ≑		Location ≑	Мос	lel Name ≑	Status ≑
t	ext_lss001			北京-北京-东城-天			Offline
Y	(1A-0526	C0Y1SW2004230	020	上海-上海-浦东新区		BX-Y1A	Online
s	Screen1	C0Y3A02207290	001	内蒙古-乌海-乌海-0		BX-Y3A	Online
t	ext_lss002	00010116040000	0	江苏-苏州-吴中-吴			
	(04	C0Y04018072100	047	上海-上海-崇明-上		BX-Y04	
	110A	010A3323011200	0	上海-上海-浦东新区		BX-TAXI	
	0 250128	C0V2001800120/				DV VO	Offline

Figure 5.10.9.2-1 Screen Selection

Close

ProgramName	Program duration	Total screen playback time	Total number of playing time s
20241209-Y1A播放日志1	00:00:53	02:34:52	258
20241209-Y1A播放日志2	00:00:29	02:09:41	259
0241209-Y1A播放日志1	00:00:53	00:36:38	61
0241209-Y1A播放日志2	00:00:29	00:30:32	61

Figure 5.10.9.2-2 Screen Playback Details

5.10.10 Automatically publish tasks

On the advanced automatic publishing task page, the task selected for scheduled automatic publishing at the last stage of program publishing will be displayed, as shown in Figure 5.10.10-1. Users can modify and delete automatically published tasks. The modification operation can modify the start date, end date, start time, and interval time of the task, while the deletion operation requires the user to check the corresponding task and click the delete button.

	view range i wi					Naroa			40	2000 Success
Name 0	Bagin Date 0	End date ©	Start time .0	Interval (hours) ©	Creator 0	Creare time 0	Current state 0	Last execution start time 0	Last execution and time 0	Operation
Automatic release: Playist(Si	2025/06/06	2025/06/06	16:10:50	1	中中中企业帐号1	2025/06/05 18:01:39	Finished running, task fail:	2025/06/05 18:10:22	2025/06/05 18:10:42	0
Automatic release: PlayIst(Sl	2025/06/06	2025/06/06	16:10:00	1	李帝中企业帐号1	2025/06/05 18:01:39	Finished running: Task finis	2025/06/05 18:10:22	2025/06/05 18:10/26	0
Automatic release: PlayInt[Si	2025/06/06	2025/06/07	11.00.00	1	李中中企业帐号1	2025/06/05 17:59:48				B

5.11 Personal Center

After logging in, the user can move the mouse to expand the personal center menu in the upper right corner of the page, as shown in Figure 5.11-1. There are 5 options in the personal center, including account settings, switching to English/Chinese, platform resume updates, help center, and logout. Users clicking on "Switch to English" or "Switch to Chinese" will switch the language display on the platform. When the user clicks "Exit", they will log out of this platform.



Figure 5.11-1 Personal Center

5.11.1 Account Settings

Users can view their relevant information on the account settings page, as shown in Figure 5.11.1-1. They can also modify their profile picture, name, gender, phone number, email, birthday, and password on the page. Newly registered users need to submit real name authentication here, otherwise they will not be able to publish programs normally.

	Name	2帐号1
	User type	Enterprise root user
	Sex	Female
	Email	Bind email No verified
	Phone number	86-176****3513 🕟 Verified
	Real name	⊘Approved
	Birthday	1998/01/10
Chapge picture	Password	Change password
	Program mode	Single program editor (?)
	Scheduling mode	
	Login mode	Account login 3
	Code setting	SMS validate
	Security list	Off
	SMS reminder	No notification Login notification
	Wechat program	Unbind
	Wechat service	Unbind
	Material square	Edit
	Default data range	All
	Default program	Show all
	Font list	Edit
	Time zone setting	GMT+8
	Playtime mode	Local Time Mode
	security commitment How to upload? >	⊘Approved Renew the commitment >
	Get position auto	Yes Enable the function of automatically obtaining screen position
	User locout	Sian out

Figure 5.11.1-1 Personal Profile Page

Users can set their preferences for login methods in the account settings page: account login/quick login/security verification login. If security verification login is enabled, dual verification login with password and SMS verification code is required during login. Users can also set reminders after logging in, with the default setting being 'no notification'. If "Notify after login/Remote login notification" is enabled, every time the account logs into the platform, the user will receive a corresponding prompt message on their mobile phone.

The personal profile page of individual users has an option for "program publishing verification". After enabling it, every time a program is published, a SMS verification code needs to be filled in to complete the verification. To enable this function, a phone number must be bound and verified.

After clicking on 'bind phone number' or 'bind email' on the personal profile page, a 'bind

phone number' or 'bind email' page will pop up, as shown in Figure 5.11.1-2 and Figure 5.11.1-3. Users can change or bind their phone number or email on the pop-up page.

New mailbox	Please enter a new email ad	Get verification code
New email verificat	Please enter email code	
Login password	Please enter your login password	

Figure 5.11.1-2 Personal Information - Bind Email Page

New phone numbe	86 V Please enter your mobile numbe	Get verification code
New phone verifica	Please enter the SMS verification code	Ę
Login password	Login password	

Figure 5.11.1-3 Personal Information - Binding Phone Number Page

After clicking on real name authentication on the account settings page, a real name authentication page will pop up. Both enterprise and individual users need to undergo real name authentication, as shown in Figure 5.11.1-4 and Figure 5.11.1-5. Individual users need to fill in their names, ID number, and upload the front and back of their ID cards and photos of their handheld ID cards; Enterprise users can choose to submit real name authentication information based on their actual situation (legal person, legal representative, government department representative). After real name authentication, the submitted information needs to be reviewed by the platform administrator. After the review is approved, the user can publish the program

normally (users cannot modify the verified real name authentication information by themselves, and if they want to modify it, they need to contact the platform administrator).--

In addition, to ensure the authenticity and uniqueness of real name authentication information, the same organizational code/unified social credit code can only be authenticated and approved by a unique enterprise user. After approval, other enterprises that fill in the same organizational code/unified social credit code will not be able to pass the real name authentication review and cannot log in normally.

Real name authenticatio	in				
Company Information :					
Company Name :]			
Uniform Social Credit Code	:				
business license expire:				works forever	
Uploading Photos for Certific	cates:		Select		
		+ upload Busines Organization Co	s Licence or de Certificate		
Legal Person Information	1		- - -		
Please select user type:	Legal	person himself 🔵 Lega	agent 🔘 Gove	rnment agent	
Legal Person Name :	Please type in ar	tificial person name			
Legal Person ID Number :	Please type in ar	tificial person ID Card N			
Uploading Photos for		Select		Select	Select
Certificates :	+ The fro	int side of ID card	+	The back side of ID card	+ Handheld ID card
	Example:		Example:	+ TARAMA KICSBie	Example:
Notice: 1. Please upload a clear pho 2. Photo size should not larg 3.Handheid ID card please n Submit	olo ler than 5M, the supp efer to 《Handheld IC	ort format are JPG,JPEG,PNG card shooting tutoria()			

Figure 5.11.1-4 Personal Information - Enterprise User Real Name Authentication Page

Real name authentica	tion		
Person Name :	Please type in person name		
Person ID :	Please type in person ID Card Number		
Uploading Photos for Certificates:	Select	Select	Select
	+ The front side of ID card	+ The back side of ID card	+ Handheld ID card
	Example:	Example : et wake with	Example:
Notice: 1. Please upload a clear p	hoto		
 Photo size should not la 3. The head should not ov 	arger than 5M, the support format are JPG, JPEG, PNG erlap with the ID card in the photo		
4.Handheld ID card please	e refer to 《Handheld ID card shooting tutorial》		
Submit			

Figure 5.11.1-5 Personal Information - Personal User Real Name Authentication Page When the business license or power of attorney submitted by enterprise users for real name authentication expires, corresponding prompt messages will be displayed in the "Real Name Authentication" and "Network Security Commitment Letter" fields on the account settings page, as shown in Figure 5.11.1-6. Users can enter the real name authentication page by clicking 'update' and re upload relevant documents. Due to the expiration of some information in real name authentication, users also need to sign a new commitment letter.

ଅ Home ⇒ account		
	Name	李申申企业帐号1
	User type	Enterprise root user
	Sex	Female
	Email	Bind email 🛞 No verified
	Phone number	86-176****3513 📀 Verified
	Real name	Click to update Some information has expired
	Birthday	1998/01/10
	Password	Change password
Change picture (1)	Program mode	Single program editor 🛛 🕜
	Scheduling mode	
	Login mode	Account login 🕜
	Code setting	SMS validate
	SMS reminder	No Login Remote login
	Wechat program	Unbind
	Wechat service	Unbind
	Material square	Edit
	Default data range	All
	Default program	Show all
	Font list	Edit
	Time zone setting	GMT+8
	Playtime mode	Local Time Mode
	security commitment	Oue to the expiration of some real name information, a new
	How to upload? >	Renew the commitment ster needs to be signed
	Get position auto	Yes Enable the function of automatically obtaining screen position 😗
	User logout	Sign out

Figure 5.11.1-6 Real name authentication information after expiration-

Users can modify their font list on the account settings page by clicking the "Edit" button next to the "Font List" on the page. The newly added font can be added to the "Current Font List" on the pop-up page, as shown in Figure 5.11.1-7. Then, users can use the font they uploaded on the program production page. (Fonts can be uploaded on the material management page)



Figure 5.11.1-7 Edit Font List

The cloud platform uses UTC time to address program playback issues caused by users being in the same or different time zones as the screen. Users can set the "playback time mode" in their account settings, as shown in Figure 5.11.1-8.-



Figure 5.11.1-8 Personal Profile - Play Time Mode

When the user is set to local time mode, the time zone in which the user is located is the main one, that is, the time when the controller plays the program is consistent with the time zone in which the user is located (regardless of the time zone set by the controller); When the user is set to synchronous time mode, the time zone where the controller is located is the main one, that is, the time when the controller plays the program is consistent with the time zone set by the controller (regardless of the time zone where the user is located).

In response to the provisions of the National Cybersecurity Regulations, the platform has launched an audit mechanism, where users can improve their security scores and speed up the audit process by uploading a cybersecurity commitment letter. Click on the "How to Upload" link to view the detailed rules of the security composition and download the template of the network security commitment letter. As shown in Figure 5.11.1-9.

-	~	12	400	12
7	Ŧ	\mathbf{T}	2m	77
-	-			

满分值
100
200
50
30
260
100
每出现1次扣50
740
略级
积分达到350分以上的用户为绿色通道用户,享有快速优先审核的权力;
积分低于350,但超过100分的用户为普通用户;
积分低于100分的用户为警告用户,加强部分重材审核的强度;
只要发现用户发布违反网络安全的节目统一进入黑名单,严格审核所有素材及节目

如何快速提升安全分?

第一步: 绑定手机号						
帐号设置。		12	管理员		-	
	验证手机号			×		
	脸证手机号	86		获取验证码		
	手机验证码		P			
				2017 (H)		
		李体列集	這種			
		时区设置 播放对利用SC	GMT+B #200730/4055			
去完成 >						_
第二步:实名认证						
1 卖名以证						
个人姓名:						
	之情休信自长大亚公					
(IED) ILEDCIDUU	夕屎体悟尽及仰十百					
	十 此处添加身份证正面限		+ 此处清加鼻份证反重照		十 此处添加手持身份证照	
	₩. :	7	**************************************	2	ROS :	
注: 1.请上传清所限片 2.照片不可大于5M,支持/ 3.手持身份证照片中头部应 4.手持身份证请参考《手持	与2.jpeg.png種式 考察份证方面最 9.9 (证约面数1型)					
縱文						
去完成 >						
第三步:下载下方《用 书";上传完成后,我(户网络信息安全承诺书》 PDF 门将在1-5个工作日内审核完成	,使用打印机将其打 ;。	丁印出来,并如图签署,签署	署完成拍照,上传 至	"账号设置-用户网络信息安	全承诺
T SPDF模板						

Figure 5.11.1-9 Personal Information - Security Segmentation

In addition to setting login methods and SMS reminders, users can also enhance account

security by setting a login security list, as shown in Figure 5.11.1-10. After selecting to enable, users can enter their IP address or select a region on the allowed access list page. Once confirmed and submitted, all accounts under the current organization can only access the platform through the set IP address. If the IP address used to access the platform is not on the whitelist, the user will not be able to log in to the platform normally, and can also enter the IP address or select a region on the Do not allow access list page. Some IP addresses or regions can be restricted from using this account to access the platform.

Configure t	he user login s	ecurity list		>
Enable O Allow the follor 0)	Yes No wing access(0/5	+ region -	H IP	
		List		Operation
		No content		
The following (0/50)	access is not allowe	ed + region Please ente	+ IP er your sea Q	
		List		Operation
		No content		
In user whitelis s detected. If r	st verification, the lo no data is found, the	ogin list is detected e whitelist verificat	first. After data is ion succeeds View	found, the login list examples
	Please sel€ ~	Please sele $$	Please sele 🗸	Test connection
			C	ancel

Figure 5.11.1-10 Login Security List

Every time a user adds a screen, the platform automatically generates their preset program, which can be configured in the account settings to display in the program list, as shown in 5.11.1-11. The platform defaults to displaying all programs. After modification, go to the program

list to check if the preset programs exist.

	Name	李申申企业帐号1		
	User type	Enterprise root user		
	Sex	Female		
	Email	Bind email (X)No verified		
	Phone number	86-176****3513 Verified		
	Real name	QApproved		
	Birthday	1998/01/10		
	Password	Change password		
Change picture	Program mode	Multiprogram editor		
	Scheduling mode			
	Login mode	Account login ?		
	Code setting	SMS validate		
	SMS reminder	No Login Remote login		
	Wechat program	Unbind notification notification		
	Wechat service	Unbind		
	Material square	Edit		
	Default data range	All All		
	Default program			
	Font list	At the same level		
	Time zone setting	Sublevel		
	Playtime mode	All		
	security commitment	⊘Approved		
	How to upload?>	Renew the commitment >		
	Get position auto	Ves Enable the function of automatically obtaining screen position ?		
	User logout	Sian out		

Figure 5.11.1-11 Preset Program Settings

There are too many materials in the material square. Users can set the materials they need to display and use themselves. They can set them in the material square settings on the account management page, as shown in Figure 5.11.1-12. After clicking OK to modify, refresh the page and enter the program production page - where you can view the material square displayed according to user settings.



Figure 5.11.1-12 Material Square Setting

In addition, users can change the program editing mode according to their personal habits, as shown in Figure 5.11.1-13. The multi program editing mode is the original simplified version program production mode, and the single program editing mode is the original professional version program production mode. To learn more about the multi program editing mode, please refer to section 5.12.

	Name	李申申企业帐号1
	User type	Enterprise root user
	Sex	Female
	Email	Bind email 🛞 No verified
	Phone number	86-176****3513 Overified
	Real name	⊘Approved
	Birthday	1998/01/10
Change picture	Password	Change password
	Program mode	Single program editor 💡
	Scheduling mode	
	Login mode	Account login (2)
	Code setting	SMS validate
	SMS reminder	No Login Remote login
	Wechat program	Unbind
	Wechat service	Unbind
	Material square	Edit
	Default data range	All
	Default program	Show all
	Font list	Edit
	Time zone setting	GMT+8
	Playtime mode	Local Time Mode
	security commitment	Approved
	How to upload?>	Renew the commitment >
	Get position auto	Yes Enable the function of automatically obtaining screen position 3
	User logout	Sign out

Figure 5.11.1-13 Program Editing Mode

When the user chooses to cancel the account, it means that the account is no longer in use. After canceling the account, all data of the account will be cleared and cannot be restored, including the content of the 51toubo account. Please use this function with caution. After clicking to log out, you will enter a reminder page, as shown in Figure 5.11.1-14. All content must be checked before logging out. After logging out, this account cannot log in to the platform. (You can register a new account, but the account content is empty and it is a brand new account)

HP	账户注销	
投广告 更方便		

	重要提醒		
注意! 您正在进行账户注销	§操作!请仔细阅读以下提示!如团	因操作不当引起其他问题,	本平台概不负责
1.您将无法继续使用账号登	陆平台。		
2.您账号中所有资产和虚批	1.权益将被清除,历史订单可能存在	E的退款将被视为自动放弃	0
3.将移除您账号下所有实名	认证信息。		
4.您账号所有相关平台下个	人资料和历史信息都将无法找回()	即使您使用相同的手机号码	3再次注册并使用)。
5.因注销账号所带来的不便	或不利后果,由您自行承担,与il	LEDCloud云平台无关。	
该帐号涉及相关平台如下	5, 须勾选后才能完成注销		
iLEDCloud			
51toubo			
		我已阅读并	接受 用户协议

中文 | English

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Figure 5.11.1-14 Account Cancellation Reminder Page

5.11.2 Platform update history

After clicking on the platform update history in the personal center, as shown in Figure 5.11.2-1, the system platform update history page will pop up, displaying the content updated by each version of the platform.

System platform update resume
DB_WHATSNEW_VERSION_VALUE18(2025-03-18 09:42:00)
DB_WHATSNEW_DESCRIPTION_VALUE18
1.3.8(2018-04-26 00:32:07)
1) Improved screen setting function in "Screen Management".
2) Added time zone for screens.
3) Added "now playing" function in "Screen Management", in order to better manag
e programs.
4) Improved program editing to support multiple program lists sending at the same ti
me.
5) Added "View Coupon" function.
Load more

Figure 5.11.2-1 System Platform Update History Page

5.11.3 User Manual

Clicking on the user manual in the personal center menu will display the platform's quick guide and detailed manual online, making it convenient for users to view, as shown in Figure 5.11.3-1.


5.11.4 Customer problem guidance

The iLEDCloud cloud platform has added a customer problem guidance function, which can help customers solve problems they encounter with control cards or cloud platforms based on guidance. And when customers use the guidance function, they will record the content and solutions selected by the customer's guidance on the Support platform for operational analysis and better cooperation with customers to solve problems.

On any page of the platform, click the customer problem guidance button in the upper right corner, and a problem guidance box will appear on the right side of the page, as shown in Figure 5.11.4-1. You can select the corresponding problem type based on the problem classification, click on the problem type to proceed to the next step, and continue until it is resolved or not resolved. Unresolved and other pages can provide feedback suggestions, as shown

in Figures 5.11.4-2 and 5.11.4-3.



Figure 5.11.4-1 Customer Guidance Page



Figure 5.11.4-2 Customer Guidance Unresolved Page



Figure 5.11.4-3 Customer Guidance Other Feedback Page

5.12 Multi program editing mode

You can switch to multi program editing mode through account settings, as shown in Figure 5.12-1; The iLEDCloud multi program editing mode can only present programs in the form of a list and no longer provides operation functions for individual programs. In the multi program editing mode, the program management menu only has the functions of program group list, program publishing, and program review.

ome > account		
	Name	李申申企业帐号1
	User type	Enterprise root user
	Sex	Female
	Email	Bind email 🛞 No verified
	Phone number	86-176****3513 ⊘ Verified
	Real name	⊘Approved
	Birthday	1998/01/10
Change picture	Password	Change password
	Program mode	🔿 Multiprogram editor 🔹 Single program editor 🔽 🔀 😮
	Scheduling mode	
	Login mode	Account login (2)
	Code setting	SMS validate
	SMS reminder	No Login Remote login
	Wechat program	Unbind
	Wechat service	Unbind
	Material square	Edit
	Default data range	All
	Default program	Show all
	Font list	Edit
	Time zone setting	GMT+8
	Playtime mode	Local Time Mode
	security commitment	⊘Approved
	How to upload?>	Renew the commitment >
	Get position auto	ves Enable the function of automatically obtaining screen position ?
	User logout	Sign out

Figure 5.12-1 Switching Multi Program Editing Mode

5.12.1 Program group list

Users can create, edit, view, and publish program lists on the program group list interface, as shown in Figure 5.12.1-1. The multi program mode can only present programs in the form of a list and no longer provides operational functions for individual programs. Some button annotations on the page are shown in Table 5.12, and the list can be managed through the operation buttons after each playlist.

Range	A3				Show group nam				60794	n model (A3)			Ci Qu	9
Draw Board Resolution	n				sourc	(Ait)				type (Al)				
Approving statu	us Unreviewed				Release statu	at (Al)				Editor				
Show group name 0	screen model 0	Draw Board Resolution	Program list	•	source 0	type 🗧	Approving status 0	Audit time 2	Release status	Last published time	Last release list ©	Editor 0	Edit time 0	Operation
om简易版符目	C product	640x160	2	=	Universal Edition - Multi Prc	Mutmeda	Not approved		Not released		•	李带带会业接号1	2025/05/13 15:23:56	000
2025年01月04日1111	LCD Commercial Display	1920x1080	2	=	Universal Editor - Mutt Prc	Multimedia	Not approved		Not released		o 🚍	李甲亭应业状号1	2025/01/04 14:02:56	000
则试究类胶样-A	LCD Commercial Display	3540x2160	£.	=	Universal Editori - Mutti Pro	Multimedia	Not approved		Not released		• =	李中中立众状号1	2024/12/10 14:00:33	000
老版本测试入字体	LCD Commercial Display	1920x1080	2	=	Universal Editori - Mutti Prc	Multimedia	Not approved		Not released		o 🚍	李甲申企业核号1	2024/10/22 11:55:10	000
老街27月以240311	Z product	128432	1	=	Universal Edition - Multi Prc	Multimodia	Not approved		Not released		0	李中中企业继有1	2024/09/11 14:11:22	000
€-Y3E(240910-01	Y product	192x192	2	=	Universal Edition - Multi Pro	Mutimedia	Not approved		Not misased		•	家中市企业帐号1	2024/09/10 20:57:19	1 🖻 💿 🕤
老板發展版-天气到过	Y product	192x192	1	=	Universal Editori - Multi Prc.	Multimedia	Not approved		Not released		o :=	李带带企业核带1	2024/09/10 16:15:29	000
555355	Y product	200x200	3	=	Universal Edition - Multi Pro	Multimedia	Not approved		Not released		•	李中中企业子秘号	2024/05/17 11:20:37	100
secs-001	Y product	200x200	2	=	Universal Editori - Multi Pro	Mullmedia	Not approved		Not released		0	李荦荦全位子祖号	2024/05/17 10:17:40	100
8505	Y product	200x200	5	=	Universal Editor - Mutt Pro	Muthmedia	Not approved		Not released		a :=	孝亲寺企业子领号	2024/05/17 10:17:29	000
880-001 8805	Y product	2014/200 2014/200	8	=	Universal Editor - Mult Prc	Muthnedia Muthnedia	Not approved		Not released		0	****2±745	203405/17 10:17:40	0

Figure 5.12.1-1 Program Group List Page Table 5.12 Program Group List Button Function Annotations

button	Function Introduction
	Edit program button, click to enter the list production page, and users
	can make secondary edits to the program on the basis of the original.
	Preview program button, click to enter the program list preview
	interface, as shown in Figure 5.12.1-2.
+	Copy playlist button to make a copy of the current playlist
A	Press the program release button and click to enter the program release
5	interface, as shown in Figure 5.12.1-3. Click to publish.



Figure 5.12.1-2 Program List Preview Page



Figure 5.12.1-3 Publish Playlist Page

5.12.2 List creation

In the multi program editing mode, users will directly create and edit playlists, and a single program can only exist attached to each playlist. Users can create, produce, edit, and modify programs in the "Program Group List". If the user wants to create a new program group list, click the plus sign in the bottom left corner of "Program Group List", and a window for creating a new program list will be displayed on the page, as shown in Figure 5.12.2-1. After selecting a drawing board size and model, controllers of different drawing board sizes and models cannot be selected. Click "Create" to complete the creation of a new program list.

Show	group name	20250605-10:17:40		
Ente	er the content and	press Enter		
	Draw Board Re solution	screen model	Screen list	
	1920x1080	BX-3288A	A25-0616-01	A total of 11
	1080x1920	BX-3568A	3568A-1206	A total of 4
	1920x1080	BX-3568A	屏幕2	A total of 1
	192x192	BX-Y04	Y04	A total of 1
	128x32	BX-TAXI	z	A total of 1
	128x32	BX-6E1XP	6E1XP	A total of 2
0	320x320	BX-C1A	C-0201	A total of 1

Figure 5.12.2-1 Creating a Program

After creating a new program group list, you will enter the production page, which is divided into three parts: left, middle, and right, including playlists, screens, partitions, and attributes, as shown in Figure 5.12.2-2. The following will provide a detailed introduction to the functions and operations of each part.



Figure 5.12.2-2 Program Production

1 Left side of the page

On the left is a preview of the playlist, as shown in Figure 5.12.2-3. Each rectangular box represents a program, which will be highlighted when selected. The order of the programs is their playback order in the playlist. Users can add, delete, copy, paste, and adjust the order of programs in the list here. After selecting a program, users can right-click to perform shortcut operations: insert a new program above/below, or delete the currently selected program. Some of the button annotations are shown in Table 5.12-1



Figure 5.12.2-3 Preview of Program Group List Table 5.12-1 Playlist Preview Button Function Annotations

button	Function Introduction
(\pm)	Add a new blank program at the end of the list
	Copy the same program at the end of the list
Đ	Delete selected program
	Save this list
$\wedge \downarrow$	Adjust the order of the selected programs in the list up and down
Ø	Edit the name of the list

2 Middle area of the page

The middle area of the page is composed of the screen section, which is used for partition placement and effect display, as shown in Figure 5.12.2-4. Some of the button annotations are shown in Table 5.12-2. The black part in the middle is the screen, where users can place partitions for editing.



Figure 5.12.2-4 Screen section Table 5.12-2 Screen Button Function Annotations

button	Function Introduction
* *	Revocation and redo
100%	Zoom ratio, displays the zoom ratio of the current screen, can be
	manually adjusted
	Enlarge the screen
R	Reduce screen size

]:]	Display the screen in its original size
KN KN	Display all screens
	Delete the selected partition
Ð	Select lock and unlock before moving
	Alignment method, selecting multiple partitions at the same time can set
	their alignment method (there are multiple alignment methods in the
	submenu)
$\Leftrightarrow \bigtriangledown $	Size assimilation, which can keep the size, width, or height of multiple
	selected partitions consistent (there are multiple size assimilation
	methods in the submenu)
× ^N	Partition extension to full screen, filling the entire screen with partitions
$\wedge \downarrow$	Move up and down one layer to adjust the structural position of the
	selected partition
	Non grayscale program preview button, previewing the program effects
	of different base colors (there are "monochrome", "dual color", and "tri
	color" buttons in the submenu)
	Play, preview the program (there are buttons in the submenu for "Speed
	Up Play", "Normal Play", and "Slow Down Play")
\triangleleft	Publish program

3 Right side area of the page

The right area of the page consists of a partition bar, a property bar, and a material bar. The partition bar will display the corresponding supported partitions, as shown in Figure 5.12.2-5. Each partition has a different effect, and users can directly double-click or drag to add partitions. There are text and image, subtitles, video, time, dial, sensor, weather timer, and pure text partitions.



Figure 5.12.2-5 Partition Column

After adding text, subtitles, videos, and plain text sections, the material bar will be displayed in the right area. Users can directly right-click, double-click, or drag to add materials within the partition. Users can also add materials in the material bar by clicking the add button, as shown in Figure 5.12.2-6.



Figure 5.12.2-6 Material Attributes

The attribute bar will display some attribute values of the current program and the selected partition. When no partition is selected, the playback attributes of the program will be displayed. Users can modify the data to change the playback mode, duration, etc. of the program, as shown in Figure 5.12.2-7.

program1			
Program attribut			~
Name	program1	Ē.	
Play Mode	Times	\sim	
Play	4		
Duration	<u>[]</u>		
Start Date			
End Date	8		
Time Span	⊕00:00:0(to 2	3:59:59	
Weeks	Mon. Tues Wed Th	ur Fri. Sat. Sun.	

Figure 5.12.2-7 Current Program Attributes

After selecting a partition, the attribute bar on the right will display the partition properties of that partition. In the multi program editing mode, we have appropriately reduced the modifiable items in the partition properties according to the user's usage habits, hoping to shorten the time for users to produce programs. In addition, we have designed style templates for dials, weather, and time zones, which can be opened in the "Styles" section of the zone properties. Each zone has 8 styles and 8 shades for users to freely combine and match according to their needs, eliminating the need for users to manually adjust styles. Taking the dial partition as an example in Figure 5.12.2-8, the dial style can be selected and the background pattern can be changed.

Select Style



Figure 5.12.2-8 Partition Style Selection

5.12.3 Program group list release

Users can publish program group lists in the "Program Group List" and program group list production pages. In the pop-up publishing wizard, as shown in Figure 5.12.3-1, select the corresponding screen to complete the publishing task. Complete the program group list publishing wizard, and the list will be immediately sent to the corresponding screen. At present, the platform can perform publishing operations and generate publishing tasks for both online and offline screens, while completing publishing tasks normally for online screens; For offline screens, the publishing task will be automatically completed after going online.

In addition, the simplified version supports adaptive functionality. We will calculate the matching rate between the user's program list and other screen sizes based on a formula. If the matching rate is greater than 60%, the user can choose to send it to that screen; Otherwise, it cannot be selected, as shown in Figure 5.12.3-1.



Figure 5.12.3-1 List of Program Groups Released

5.13 Platform Security Management Standards

5.13.1 Material review

After uploading, your materials will first enter the risk review stage. At this time, you can still use the materials for program production, but your program can only be published if all the materials in your program are in the approved state. (To minimize the impact on your use, it is recommended that you upload materials in advance)

Preview	Name 0	Туре 0	Size 0	Process status 0	Have used *	Can downLoad	Allow API use	Uploading user	Uploading time	Approving statu	Comment ®	Operation
	test01.png	Image	закв	Successful treatment	No	Yes	No	李申申企业帐	2025/06/04 16	\odot		0 B ±
	test02.ttf	Font	13M	Fail to process font: system is not able to process this font.	No	Yes	No	李甲甲企业帐	2025/06/04 16			0 B ± 0
	test -3.ttf	Font	13M	Processing	No	Yes	No	李申申企业帐	2025/06/04 16			0 2 2 0

Figure 5.13.1-1 Material Review

5.13.2 Program review

After clicking publish, your program will enter the program review stage, and after the review is completed, your program will be automatically published. If the program is not approved after a certain period of time, you can click on the small bell next to the release list to urge approval, as shown in Figure 5.13.2-1.

 Detailed task list
 ×

 □ P Release playlist[Single program list - 20250604-17:23:00]
 0% Manual review, please wait p...

 □ P Generate playlist and program file
 0% Manual review, please wait p...

 □ Waitting for approve[20250604-17:23:00] by platform
 Manual review, please wait p...

 □ Screen[默认分组--Screen1]--Release playlist[Single program list - 2...
 Manual review, please wait p...

Task supervision \rightarrow

0 ×



6 Partition Introduction

The platform currently has 12 partitions, including graphic and text partition, subtitle partition, plain text partition, video partition, dial partition, time partition, timing partition, lunar calendar partition, sensor partition, weather partition, voice partition, and local live broadcast partition. Users can add partitions by double clicking or dragging.

6.1 The characteristics of partitioning in 6th generation, Y series, Z series, C series, and LCD commercial display series programs

At present, the platform supports 6th generation controllers, Y-series controllers, Z-series control cards, C-series control cards, LCD commercial display series controllers, and YQ controllers. The 6th generation controllers have some slight differences in program display compared to the other five series controllers, with the most obvious difference being that the 6th generation controllers support dazzling borders and colorful backgrounds. In the program attributes of the 6th generation program, there will be a "dazzling border" attribute, as shown in Figure 6.1-1. After the user checks it, the entire program will display the border. By modifying other attributes, the desired effect can be displayed.



Figure 6.1-1 Dazzling border

In the attributes of any partition of the 6Q program, there will be "dazzling border" and "dazzling background" attributes, as shown in Figure 6.1-2. "Colorful background" not only supports static background but also dynamic background. After the user checks it, the background of the entire partition will display the corresponding background. The user can click the "Add" button and select the background in the pop-up window, as shown in Figure 6.1-3. The background in "Image 1" can be set to zoom mode, the background color is static display, the static texture is default to tile mode, and the dynamic background can set its playback speed.



Figure 6.1-2 Colorful Background



Figure 6.1-3 Colorful Background Selection

The Y series controller supports the colorful border attribute of partitions. After the user checks it, the entire partition will display colorful borders, as shown in Figure 6.1-4.

Colors borders		
Visibility		
Edge style		\sim
Borders Effect	Static	Ŷ
Borders Speed	1(Fastest)	~
Flicker	No flicker	~~

Figure 6.1-4 Y-series Colorful Border

6.2 Text and image partition

The graphic and text partition can contain text materials, image materials, and table materials. Its main feature is that the text editor in this partition has powerful functions, and the text styles can be set separately. Users can click the edit button next to the text materials and table materials in the content section, graphic and text partition, as shown in Figure 6.2-1. After clicking, the text or table in the partition will enter the editing mode on the screen, as shown in Figures 6.2-2 and 6.2-3.



Figure 6.2-1: How to enter text editing mode



Figure 6.2-2 Rich Text Editor Page with Text and Text Partition



Figure 6.2-3 Text and Text Partition Table Editing Page

The attributes of image materials in the graphic and text partition, as shown in Figure 6.2-4, are divided into four parts: basic attributes, materials, background, and display effects. In the basic properties, users can modify the "name" attribute to change the name of the material within the partition. In the material properties, users can change the image and zoom mode. In the background, users can modify the background color and image. In the display effects, users can modify the effect, display speed (note: the larger the value, the slower the display speed), and pixel speed (note: if the multimedia device version is low, this attribute is used as speed control) of the image.

() Attribute	Material	E Material square	
pic22.jpg5			
Basic attribute			~
Name		pic22.jpg5	
Material			~
Image		pic22.jpg5 ····	
Zoom mode		Windows scale \lor	
Background			~
Background		000000000000000000000000000000000000000	
Color			
image			
Show Effect			~
custom			
Display		Random	
effect name			
Stay time		5	

Figure 6.2-4 Image and Text Partition Image Material Attributes

The attributes of text materials in the graphic and text partition, as shown in Figure 6.2-5, are divided into five parts: basic attributes, layout (font from aspect ratio), and display effects. In the text properties, you can modify the text material, in the text properties, you can modify the background color or background image of the text, and in the layout properties, you can modify the horizontal and vertical display ratios of the text.

Attribute	A Material	쮼 Material squar	e	
Rich text1				
Basic attribute				~
Name		Rich text1		
Text				>
Layout				>
Background				×
Background color				
Background image				
Show Effect				~
custom				
Display		Random	\sim	
onoormanno		5		
Stay time				

Figure 6.2-5 Text Material Attributes for Text and Text Partitions

The attributes of table materials in the graphic and text partition, as shown in Figure 6.2-6, are divided into four parts: basic attributes, materials, background, and display effects. Modify the name in the basic attributes, and in the material attributes, users can select other materials again. In the background, users can modify the background color and image, and in the display effects, users can modify the effects, dwell time, and speed of the table.

Aundule	Material	- Material square	
Table1			
Basic attribute			~
Name		Table1	
Material			~
Table data			
Background			~
Background color			
Background image			
Show Effect			×
custom			
Display effect name		Random ~	
Stay time		5	
Effect speed		1(Fastest) v	

Figure 6.2-6 Graphic and Text Partition Table Material Attributes

6.3 Subtitle partition

The subtitle section only contains text materials, and the style of the text materials can be set in the text editor or properties. The text does not wrap by default, and the special effect is set to "Move Left" by default The text editing mode of the subtitle section is roughly the same as that of the graphic and text section, as shown in Figure 6.3-1. Because the text in the subtitle section does not wrap by default, there is no line break button or line spacing attribute in the editor. The text material attributes of the subtitle section are shown in Figure 6.3-2. Users can set the movement mode between multiple subtitle materials: connected end to end, waiting for all of them to disappear. If connected end-to-end, the first word of the second subtitle material will scroll and display alongside the last word of the first subtitle material; If this option disappears completely, the second option will only be displayed after the first subtitle material has finished scrolling completely. Users can modify the display ratio of text horizontally and vertically in the layout properties.



Figure 6.3-1 Subtitle Partition Text Editing

(i) Attribute	剷 Material	
Subtitle2		
Basic attribute		~
Name	Subtitle2	
Text		~
Material		
Layout		~
Font scale size horizontally	1	
Font ve <mark>rtical</mark> scale size	1	
Background		~
Background color	000000000000000000000000000000000000000	8
Background image		
Show Effect		~
custom		
Mirror image		
Display effect name	46	~
Stay time	5	
Effect speed	1(Fastest)	~
Pixel speed	1	~

Figure 6.3-2 Subtitle Partition Text Material Attributes

6.4 Plain text partition

The pure text partition only contains text materials, which have corresponding editors. The text editor is shown in Figure 6.4-1. The style of text in a plain text partition can only remain consistent. Users can set the name in the basic properties, and set different display ratios for text horizontally and vertically in the layout properties.



Figure 6.4-1 Text Editing with Plain Text Partition

Text2 Basic attribute Name Text2 Name Text Material Itat Layout Font scale size size horizontally Font vertical scale size 1 Background Color Background Image Show Effect Custom Display effect name Stay time 5 Effect speed 1 Veri speed	(i) Attribute	셸 Material		
Basic attribute Name Text2 Name Text2 Text ✓ Material ···· Layout ✓ Font scale 1 size 1 horizontally I Background Golor ✓ Background ✓ Image ···· Show Effect V Custom Display 1 effect name 5 Effect speed 1 Pixel speed 1 ✓	Text2			
Name Text2 Text ~ Material ···· Layout ~ Font scale size 1 size 1 horizontally 1 Font vertical scale size 1 Background ~ Background ~ Background ~ Color	Basic attribute			~
Text ~ Material ···· Layout ~ Font scale size 1 size 1 horizontally I Font vertical scale size 1 Background ~ Background ~ color ~ Stay time 5 Effect speed 1 Yeel speed 1	Name		Text2	
Material Layout Layout Font scale size 1 horizontally Font vertical scale size 1 Background color Background image Show Effect	Text			~
Layout Font scale size 1 horizontally Font vertical scale size 1 Background color Background image Show Effect Custom Mirror image Display effect name Stay time 5 Effect speed 1 (Fastest) V	Material			
Font scale size size horizontally Font vertical scale size Background color Background image Show Effect Custom Display effect name Stay time 5 Effect speed 1 Pixel speed	Layout			×.1
size 1 horizontally Font vertical scale size 1 Background color Background image · · · · · · · · · · · · · · · · · · ·	Font scale		finan fi	
Font vertical scale size Background color Background image Show Effect custom Mirror image Display effect name Stay time 5 Effect speed 1	size		1	
Font vertical scale size Background Background color Background image Show Effect custom Mirror image Display effect name Stay time 5 Effect speed 1 Pixel speed	nonzontally			
Background Background Color Background image Show Effect Custom Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) V	Font vertical		1	
Background Background color Background image Show Effect custom Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) V				
Background color Background image Show Effect v custom Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) v Fixel speed 1 v	Background			~
color Background image Show Effect ~ custom Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) ~ Fixel speed 1 ~	Background			
Background image Show Effect v custom Mirror image Display effect name Stay time Effect speed 1(Fastest) v Fixel speed 1 v	color			
image Show Effect custom Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) V	Background			
Show Effect v custom I Mirror image I Display effect name 5 Stay time 5 Effect speed 1(Fastest) v	image			
custom Informage Informage Informage Information Informatio Information Information Inform	Show Effect			~
Mirror image Display effect name Stay time 5 Effect speed 1(Fastest) Pixel speed	custom			
Display effect name Stay time Effect speed Pixel speed 1 V	Mirror image			
effect name Stay time 5 Effect speed 1(Fastest) V	Display		1	
Stay time 5 Effect speed 1(Fastest) Pixel speed 1	effect name			
Effect speed 1(Fastest) ~	Stay time		5	
Pixel speed	Effect speed		1(Fastest) ~	
	Pixel speed		1 ~	

Figure 6.4-2 Pure Text Partition Text Material Attributes

6.5 Video partition

The video partition only contains video materials, and users can upload and add video files in the material management. The attributes of video materials are slightly different in the 6th generation/Y series programs and YQ programs, as shown in Figure 6.5-1 and Figure 6.5-2. In the 6th generation/Y series programs, video materials can be intercepted and played. Users only need to set the "start of interception" attribute (which must be less than or equal to the total video duration), and the "video duration" attribute will change accordingly. The rule is that the combination of "start of interception" and "video duration" will always be less than or equal to the total duration of the video materials. In the YQ program, users can modify the "video duration" attribute to adjust the actual playback time of the video in the program. Users can modify the video file and volume (1-100) in the material properties. The scaling modes of video materials are divided into "according to the original scale" and "according to the window scale". "According to the original scale" will leave the video material black up and down, while "according to the window scale" will fill the entire screen display.

The Y series can clone video partitions, with a maximum of three video partitions cloned from one video partition. The cloned video partition uses the same materials as the original partition. Users can right-click on an existing video partition and click the "Clone" button to clone it.

() Attribute	enai 🤤 Material square	
ce测试250429sp3.MP4		
Basic attribute		~
Name	ce测试250429sp3.MP4	
Material		~
Video	ce测试250429sp3	
Play length	0	
Volume	100	
Others		~
Fluency level	1. ~	
Video transcoding mode		~
custom		
Transcoding mode	Automatic transcodir 🗸	
Original video width	720	
Original	1560	

Figure 6.5-1 Video Material Attributes in YQ Program

LFjY3ckylx07TEfeQU	dW01041200caeM0E010.mp4	
Basic attribute		~
Name	LFjY3ckylx07TEfeQUdV	
Material		Ŷ
Video	LFjY3ckylx07TEfei	
Play length	30	
Volume	100	
Video transcoding mode		~
custom		
Transcoding mode	Automatic transcodir v	
Original video width	576	
Original	1024	

Figure 6.5-2 Video Material Attributes in Y Series Programs

6.6 Dial partition

The dial partition only contains clock dial materials, as shown in Figure 6.6-1. After creating the dial partition, you can manage and edit the dial partition through the editing bar on the right, as shown in Figure 6.6-2.



Figure 6.6-1 Dial Partition

Clock1		
Basic attribute		~
one name	Clock1	
lock panel		>
lour major scale		>
lour minor scale		>
/inute scale		>
Second hand style		>
ext layout		>
Display date and time		>
Date		>
Veek		>
îme zone		>
olid text		>
Rich frame		>
Colorful background		>
osition size		~
.eft Margin	80	
op margin	22	
one width	227	
one height	130	
Adaption		~
one Visible		
Scale Mode	Stretch 👳	
ont Scale	1	
6.6.1 Edit dial

6.6.1.1 Edit dial surface

Users can * expand the dial surface by clicking on "", which includes nine attributes: dial style, border rounded corners, border width, border gap, border color, internal color, dial image, filling method, and self drawn scale, as shown in Figure 6.6.1.1-1. There are two types of dial styles: circular dial and square dial. The rounded border is only effective when the dial shape is square, as it can cause jagged edges. It is not recommended to turn on LED screens with large dot pitch. The width of the border and the gap inside the border can be manually entered or

adjusted using the "" adjustment tool on the right (note: the value should not be too large, users can adjust it themselves). The border color can be selected by clicking on the input box on the right and selecting various different colors in the color selector

Clock panel		\sim
Clock Style	Circle ~	
Edge Rounded		
Edge width	0	
Edge inner size	1	
Edge color		
Inner color		
Dial picture		
fill style	stretching ~	
Self drawn scale		

Figure 6.6.1.1-1 Disk Properties

Users can select the desired dial style from the dial image, as shown in Figure 6.6.1.1-2. If the background image of the disk has scales and the filling method is stretching, self drawn scales can be omitted.

×

Off

Select materials

Preview	Material name	Material type	Material size
	纹理1.jpg	Image	9.36 KB
	style20001.png	Image	108.3 KB
\bigcirc	style10001.png	Image	143.41 KB
\bigcirc	style9001.png	Image	153.57 KB
	style19001.png	Image	30.59 KB
0	style16001.png	Image	32.16 KB
\bigcirc	style17001.png	Image	136.91 KB
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	style13001.png	Image	74.78 KB
\bigcirc	style12001.png	Image	127.58 KB
No. of Street,	style11001.png	Image	105.17 KB

Figure 6.6.1.1-2 Dial face style

6.6.1.2 Scale Editing

There are three types of scales, namely: hour main scale, hour sub scale, and minute scale. Each scale has seven attributes: scale style, scale size, scale width, scale offset, scale color, scale direction, and scale font, as shown in Figure 6.6.1.2-1.

Scale style	Circle point ~
Scale size	6
Scale width	0
scale offset	0
cale color	
cale rection	Radiation direction \sim
cale font	思源宋体 CN ~

Figure 6.6.1.2-1 Scale Attributes

Below is an introduction to the hour main scale, where the hour sub scale and minute scale are set to the same hour main scale. The scale style can be selected from the drop-down list, as shown in Figure 6.6.1.2-2. The scale size, scale width, and scale offset can be manually entered or adjusted using the right-hand adjustment tool (- note: the values should not be too large, users can adjust them themselves). The scale color can be selected by clicking on the color selector on the right to choose various different colors. The direction of the scale can be selected from the drop-down list, as shown in Figure 6.6.1.2-3. The scale font can be selected from the drop-down list, as shown in Figure 6.6.1.2-4.

Hour major scale	~
Scale style	Circle point ^
Scale size	None
Scale width	Line
Scale offset	Circle point
Scale color	Square
Scale direction	Roman numeral
Scale font	思源宋体 CN ~



	~
Circle point ~	
6	
0	
0	
Radiation direction	
Radiation direction	
Keep horizontal	>
	Circle point 6 0 0 0 Radiation direction Radiation direction Tangent direction Keep horizontal

Figure 6.6.1.2-3 Scale Direction

Hour major scale		\sim
Scale style	Circle point ~	
Scale size	6	
Scale width	0	
Scale offset	0	
Scale color		
Scale direction	Radiation direction ~	
Scale font	思源宋体 CN ~	
	思源宋体 CN	
Hour minor scale	Arial	>
Minute scale	方正楷体简体 隶书	>
Second hand style	思源黑体 CN Normal	>
	早茶	
Text lavout		>

Figure 6.6.1.2-4 Font Settings

6.6.1.3 Hour, minute, and second style editing

Users can set the styles of hour, minute, and second hands in the properties, and the platform provides pointer styles for users to choose from, as shown in Figure 6.6.1.3-1.



Figure 6.6.1.3-1 Pointer Style Attributes

6.6.1.4 Display date time and date week editing

Users can set whether to display the date and time as well as the bottom offset in the display date and time attribute (note: the larger the bottom offset, the closer the date display position is to the top). After selecting "Display Date and Time", they also need to select "Display Day" in the "Date" attribute or "Display Week" in the "Week" attribute, as shown in Figure 6.6-1. After displaying the date, you can expand the date attribute and edit the date, as shown in Figure 6.6.1.4-1.

Date		~
Display date		
Date format	yyyy/mm/dd ~	
Horizontal shift	0	
Vertical offset	0	
Font name	思源宋体 CN ~	
Font size	12	
Font weight	Normal ~	
Font style	Normal ~	
Text color		

Figure 6.6.1.4-1 Date Editing-

After displaying the week, you can expand the week properties and edit the week, as shown in Figure 6.6.1.4-2.

Week		~
Display week		
Week format	EEE ~	
Horizonta <mark>l</mark> shift	0	
Vertical offset	0	
Font name	思源宋体 CN ~	
Font size	12	
Font weight	Normal ~	
Font style	Normal ~	
Text color]

Figure 6.6.1.4-2 Week attribute

6.6.1.5 Time difference setting

Users can modify the current display time by setting the time difference (note: when the time difference or differential is positive, the set time difference is added to the current time, and when it is negative, the set time difference is subtracted from the current time, with a maximum time difference of plus or minus 12 and a maximum differential of plus or minus 59), as shown in Figure 6.6.1.5-1.

lours	12	
		1000
Ainutes	-59	A

Figure 6.6.1.5-1 Time Difference Setting

6.6.1.6 Fixed Text Editing

After selecting "Display Fixed Text" in the fixed text attribute, the corresponding text will be displayed on the dial, as shown in Figure 6.61-. The specific text editing interface is shown in Figure 6.6.1.6-1.

Solid text			
Show			
Text	test		
Horizontal shift	0		
Vertical offset	0		
Font name	思源宋体 CN	~	
Font size	12		
Font weight	Normal	~	
Font style	Normal	~	
Text color			

Figure 6.6.1.6-1 Fixed Text Attributes

6.7 Lunar zoning

The lunar partition contains textual lunar materials, as shown in Figure 6.7-1.



Figure 6.7-1 Creating Lunar Calendar Zones

6.8 Time partitioning

The time partition contains textual time materials, as shown in Figure 6.8-1.



Figure 6.8-1 Creating Time Partitions

6.8.1 Edit time zone

The attributes of time partitioning are divided into basic attributes, position size, text layout, date, time, morning and afternoon, week, solar term, time difference, and fixed text, as shown in Figure 6.8.1-1.

(i) Attribute	A Material	
Date1		
Basic attribute		>
Text layout		>
Date		>
Time		>
Am and Pm		>
Week		>
Solar term setup		>
Time zone		>
Solid text		>
Rich frame		>
Colorful backgro	bund	>
Position size		>
Adaption		>

时间分区1	
基本属性	>
背景	>
文字布局	>
日期	>
时间	>
上下午	>
星期	>
时差	>
固定文字	>
炫彩边框	>
位置大小	>

Figure 6.8.1-1 Time attribute

Under the settings of date, time, morning and afternoon, week, solar term, and fixed text attributes, you can check whether to display the current information in the time zone, and then set the style and format of the displayed information. Taking the date attribute as an example, as shown in Figure 6.8.1-2.

Date		
Display date		
Date format	2016/03/05 ~	
Font name	思源宋体 CN ~	
Font size	8	
Font weight	Normal ~	
Font style	Normal	
Text color		1

Figure 6.8.1-2 Date Attribute Details

6.9 Timing partition

The timing partition contains timing text materials, as shown in Figure 6.9-1. The main attributes are divided into timing settings, display settings, and fixed text settings, as shown in Figure 6.9-2.



Figure 6.9-1 Creating a timing partition

①属性 國素	₫ [~]	
计时器分区1		0
基本属性		>
背景		>
计时设置		>
字体设置		>
显示设置		>
固定文字		>
炫彩边框		>
位置大小		>
自适应设置		>

Figure 6.9-2 Timing Partition Attribute

6.9.1 Edit timing partition

6.9.1.1 Timing settings

In the timing settings, users can select two timing methods: countdown and positive timing through the drop-down list (note: when selecting positive timing, the target date should be before the current date), choose the stopwatch accumulation and display unit, and set the target date and target time themselves (note: default is the current time), as shown in Figure 6.9.1.1-1.

(i) Attribute	A Material	
Timer1		
Basic attribute		>
Timing set		5
Font setup		>
Display setup		>
Text layout		>
Solid text		5
Rich frame		>
Colorful backgro	bund	>
Position size		>
Adaption		>



6.9.1.2 Display Settings

Users can set the displayed content in the display settings, as shown in Figure 6.9.1.2-1. Setting the number of digits to 0 automatically displays all digits. (Note: When the number of digits is insufficient, add 0 to the front. When the number of days is not displayed, it will be converted into hour accumulation, as shown in Figure 6.9.1.2-2. When the hour is not displayed, it will be converted into minute accumulation, and so on.)

Display setup		\sim
Display days		
Day length	0	
Display hour		
Hour decimal	0	
Display minute		
Minute decimal	0	
Display second		
Second	0	

Figure 6.9.1.2-1 Display Settings



Figure 6.9.1.2-2 does not display days

6.10 Sensor zoning

The sensor partition contains sensor materials such as temperature, humidity, noise, brightness, water level, and liquid level (please refer to the equipment description for the sensor models supported by each series of controllers), as shown in Figure 6.10-1. The attributes of sensor partitioning are divided into basic attributes, position size, background, sensor, threshold and correction, text layout, display settings, and fixed text, as shown in Figure 6.10-2.

temperature: 0.0 · C humidity: 0.0%RH noise: 0.0dB (X:11 Y:76 W:117 H:18) PMZ.S: 0.04g/m3

Figure 6.10-1 Sensor Partition Display

(i) Attribute	<u> </u> Material	
Sensor4		
Basic attribute		>
Sensor		>
Threshold value	and fix	>
Display setup		>
Solid text		>
Rich frame		>
Colorful backgro	und	>
Position size		>
Adaption		>

Figure 6.10-2 Sensor Partition Attributes

6.10.1 Edit sensor partition

6.10.1.1 Selection of sensors

In the sensor properties of the sensor partition, users can set the display data, sensor type, sensor address, and refresh time, as shown in Figure 6.10.1.1-1. The sensor display data can be selected from the corresponding type through the drop-down list, as shown in Figure 6.10.1.1-2 (note: when selecting the display data type, it should be confirmed that the controller used can use the relevant sensor equipment normally, otherwise it cannot be displayed correctly). The type and address of the sensor should be selected according to the specific situation. The refresh time is set as needed, with a default of updating data every 4 seconds.

Sensor		
Display data	temperature ~	
Sensor type	temperature sensor ~	
Refresh time	4	

Figure 6.10.1.1-1 Sensor Attributes

Sensor		~
Display data	temperature ^	
Sensor type	temperature	
Refresh	humidity	
time	noise	
	PM2.5	
Threshold value and fix	PM10	~
Sensor	wind direction	
correction	wind speed	

Figure 6.10.1.1-2 displays data types

In the sensor attributes of the 6Q program, users can set the display data, sensor type, and refresh time, as shown in Figure 6.10.1.1-3. Temperature, humidity, noise can be selected from the drop-down menu for displaying data PM2.5, PM10, Wind direction and speed.

Sensor		
Display data	temperature	¥.
Sensor type	temperature sensor	\sim
Refresh		
time	4	

Figure 6.10.1.1-3 6Q Sensor Attributes

The Y series supports editing programs and real-time viewing of sensor data. Users need to select an example screen to display the real-time data of the selected sensor. After selection, they

can click "Refresh Sensor Data" to obtain the real-time data, as shown in Figure 6.10.1.1-4.

Display data	temperature	
Sensor type	temperature sen	isor v
Sensor address	VMF1	~
Refresh time	4	
Example		

Figure 6.10.1.1-4Y Series Sensor Attributes

6.10.1.2 Threshold and correction

Users can adjust the specific display value by setting a threshold (note: threshold, also known as critical value, refers to the lowest or highest value that an effect can produce) or by modifying it, as shown in Figure 6.10.1.2-1. The sensor correction value can be adjusted through the right-hand adjustment tool, and the correction value can be positive or negative.

There are two modes to choose from for the threshold mode: when it is less than or greater than the set threshold, it will trigger an alarm, and the color will change accordingly. The color can be set in the display settings.

Threshold value a	nd fix	
Sensor		
correction value	0	
threshold		
mode	Less than trigger \lor	
Sensor		
threshold	0	

Figure 6.10.1.2-1 Threshold and Correction

6.10.1.3 Display Settings

Users can set display units, threshold mode colors, and display decimal places through display settings, as shown in Figure 6.10.1.3-1. (Note: The unit type can only be set as the unit of temperature, and the effective reserved digits refer to the decimal places. For example, when 1 is present, the decimal place is 0.1.) The final displayed value on the screen is equal to the sensor measurement value+correction value * 0.1 1 The effective reserved digits are integers that can be positive or negative, and the value of the effective reserved digits is integers greater than or equal to 0.



Figure 6.10.1.3-1 Display Settings

6.11 Weather zoning

The weather partition contains weather images and weather text materials, as shown in Figure 6.-111. The attributes of weather zoning are divided into basic attributes, location size, background, settings, and content, as shown in Figure 6.11-2. At present, weather zones can obtain weather forecasts for domestic cities and major cities in other countries.



Figure 6.11-1 Creating Weather Zones

Attribute	A Material	
Weather1		
Basic attribute		>
Background		>
Weather Setup		Σ
Show Content		Σ
Font setup		>
Colors borders		>
Position size		>
Adaption		Σ
Show Effect		>

Figure 6.11-2 Weather Zone Attributes

6.11.1 Edit Weather

In version v1.0.40, the weather partition of YQ controller supports transparent background color, and users can find the "Background Color" item in the "Background" attribute of the weather partition to set it. If the partition background color is set to transparent, it is recommended that users choose special effects such as "Quick Play", "Static Display", "XX Move", and "XX Move" as much as possible when selecting special effects. Otherwise, screen flickering may occur during program playback, affecting viewing.

6.11.1.1 REGIONAL SETTINGS

In the attribute settings, users can modify the region and text style, as shown in Figure 6.11.1.1-1. Through the settings interface, you can set the city where the weather is to be displayed. At present, the platform supports real-time refreshing preview of weather data on the program

production page. Users can click the "Refresh Weather Data" button to obtain real-time weather data for the selected region, as shown in Figure 6.11.1.1-1.

Compared with YQ and Generation 6 controllers, the Y series has added the function of automatic weather update. The controller needs to be connected to the Internet and the firmware is upgraded to the latest version of the official website. Otherwise, weather information may not be available in real time, as shown in Figure 6.11.1.1-1. For the automatic weather update of the Y series, the platform has added multiple exquisite styles for users to choose from, which can be selected in the display style.

update O weather			
Word wrap mode	Multi-line mode	~	
Display mode	Today	~	
Country	中国	\sim	
Province	北京	×	
City	北京	~	
District	北京	~	

Figure 6.11.1.1-1 Setting Interface

6.11.1.2 show contents

Users can edit and set specific content displayed on the screen through content attributes, and can check them themselves, as shown in Figure 6.11.1.2-1. (Suggestion: You can create several weather zones, layout them, and optimize the display interface)



Figure 6.11.1.2-1 Content Attribute Settings

6.12 Local live streaming partition

The local live streaming partition is a newly added partition in version v1.0.42. Currently, only controllers of YQ5E, YQ2AE, YQ3AE, and Y5E models support live streaming partitions. The attributes of the local live streaming partition are divided into basic attributes, location size, and video source, as shown in Figure 6.12-1.

~
~
v
~
v
~

Figure 6.12-1 Live streaming partition attributes

In the "Input Video Source" section, users are provided with two video sources: "HDMI" or "CVBS", while the Y5E only supports one video source, "CVBS". If the user selects "permanent playback", it will play permanently. If not selected, the user needs to set the playback duration.

6.13 Voice partition

The voice partition was added after the platform supported the 6th generation voice controller, and currently only the 6M-YY series controllers support the use of this partition. The voice partition contains text materials, as shown in Figure 6.13-1. Users can add rich text, subtitles, or uploaded text materials. The attributes of the partition are divided into basic attributes, position size, other, dynamic borders, colorful background, and intelligent voice, as shown in Figure 6.13-2.



Figure 6.13-1 Voice Partition

Posio attributo		
Dasic all'idule		
Sequence		
Device model	BX-6E1XP ····	
Time		~
Calculation	0	
duration		
Setup duration	0	
dulation		
Adaption		~
Scale Mode	Stretch ~	
Rich frame		>
		27

Figure 6.13-2 Attributes of Speech Partition

Users can modify the sound type, speed, volume, repetition frequency, interval time, and voice mode in the "Intelligent Voice" attribute, as shown in Figure 6.13-3.

Enabled		
Type	Xiao Yan(Female,	re 🗸
Speed	5	~
Volume	5	\sim
Times	1	~
Delay	0	
Mode	Play zone text	\sim
Voice Text		

Figure 6.13-3 Intelligent Voice Attribute Settings

6.14 Colorful text partition

Colorful text partition is only applicable to Y-series controllers. Adding a colorful text partition requires adding colorful text materials. The properties of the colorful text partition include basic attributes, font, layout, colorful style, position and size, and adaptive settings, as shown in Figure 6.14-1. Users need to add material images as text in the "Colorful Styles" section. They can add multiple material images and adjust their order, skill type, speed, and dwell time, as shown in Figure 6.14-2. Users can set the dazzling text attributes in the dazzling text material properties, including basic attributes, text, font, layout, and displaying dazzling text, as shown in Figure 6.14-3.

Colorful font1		
Basic attribute		~
Zone name	Colorful font1	
Colorful Style	• Add	~
Colorful Text Settings		~
Colorful effect		
Colors borders		~
Visibility		
Edge style	×	
Borders Effect	Static	
Borders Speed	1(Fastest) ~	
Flicker	No flicker 🗸 🗸	
Position size		>
Adaption		\sim
Zone <mark>V</mark> isible		
Scale Mode	Stretch ~	
Font Scale	1	

Colorful Style				~
240912- 03.jpg	Туре	Fast show	Ý	Ŷ
	Speed	1	~	\downarrow
	Stop	1		

Figure 6.14-1 Colorful Text Partition Attributes

Figure 6.14-2 Colorful Style

() Attribute	쥌 Material	
Colorful font2		
Basic attribute		~
Name	Colorful font2	
Text		~
Material		
Show ColorfulFont		~
Stunt type	Fast show	~
custom		
Stunt speed	1(Fastest)	~
Stunt staytime	1	
Wave stunttype	None	~
Wave count	1	
Wave speed	1(Fastest)	~
Wave amplitude	1	
Word wrap	Single line mode	~

Figure 6.14-3 Colorful Text Material Attributes

6.15 API Partition

API partitioning supports three types of programs: images, videos, and text. After adding the API partition, as shown in Figure 6.15-1, its properties can be set to include: basic properties,

background, API text style, API text layout, API (text/image) effects, interface control, position size, and adaptive settings, as shown in Figure 6.15-2. You can set fonts in API text styles, adjust text size, thickness, style, color, and text background color. The position of text displayed in the partition can be controlled in the API text layout. The API special effects settings can support image and text materials, customize the speed and dwell time of special effects, and include a variety of display special effects. You can choose to use dynamic zones in interface control.



Figure 6.15-1 API Partition

API1			
Basic attribute		~	
Zone name	API1		
Background			
Background			
color	Ň		
Background			
image			
Zone Opacity	100		
API Text Style			
API Text Layout <table-cell></table-cell>		>	
API (Text/Image) Effect		~	
Effect	Random		
Speed	1(Fastest) \lor		
Stay time	5		
API Control		>	
API Text intelligent voice	0	>	
Colors borders		>	
Position size		\$	
Adaption		~	
Zone Visible		I	
Scale Mode	Stretch 🗸	I	
Wrapline	0		
Height			
Wrap lines	0		
number			
6.16 Database Partitioning

The database partition only supports Y-series controllers. After adding this partition, users can set properties including basic properties, background, colorful borders, position size, and adaptive settings, as shown in Figure 6.16-1. Database materials need to be added to the partition, which can be adjusted for background, database connection, database table settings, table settings, and header settings, as shown in Figure 6.16-2. The database partition supports two types of databases: MySql and SQLServer. Users can choose and complete the relevant information according to their usage needs, as shown in Figure 6.16-3. After completing the information filling, they need to select an online Y-series controller for database testings. After successful connection, users can set query statements in the data table settings properties, modify the display content of database fields, and modify the display style of tables in the table and header settings properties, as shown in Figure 6.16-4.

		Nector
Database1		
Basic attribute		~
Zone name	Database1	
Background		~
Background		
color	Y	
Background	12.2	
image		
Zone	100	
Opacity		
Colors borders		~
Visibility		
Edge style	V	
Borders	Static	
Effect	Static	
Borders	1(Fastest)	
Speed		
Flicker	No flicker 🗸	
Position size		Ŷ
Left Margin	21	
Top margin	36	
Zone width	96	
Zone height	96	
Adaption		~
Zone Visible		
Scale Mode	Stretch	
Font Scale	1	

	Figure 6.16-1 Database Partition Attributes			
①Attribute	A Material			
Database2				
Basic attribute		>		
Background		>		
Connection		>		
Table Settings		>		
Grid settings		>		
Head settings		>		
Time		>		
	Figure 6.16-2 Database Attributes			
Connection		~		
DB Type	SqlServer ~			
DB Name				
DB Host				

DB Type	SqlServer
DB Name	
DB Host	
DB Port	1433
User	
Password	Please enter the passw
Example	
Screen	

Figure 6.16-3 Database - Database Connection

		Grid settings		(x)			
		Show Rows	1				
		Border Width	1				
		Border Color			Head settings		
		Font Name	250429丰手写体.TTF~		Show head		
Table Settings	~	Font Size	12		Font Name	250429丰手写体.TTF ~	
Query SQL		Weight	Normal		Font Size	12	
Column Name W	ith	Style	Normal ~		Weight	Normal	
No data		Align	Align left 🗸 🗸		Style	Normal ~	
		Odd Row	-		Text color		
Col to row 😔		Color			Back Color		
		Color			Align	Align left v	
		Odd Row Back Color			Height	25	
		Even Row Back Color			Auto wrap		
		Auto wrap					

Figure 6.16-4 Database - Data Table Settings, Table Settings, Header Settings

6.17 Network data partitioning

Network data partition, after adding this partition, users can fill in the URL of the data source and the fields they need to obtain in the network data settings properties. If the update frequency field value is set to 0, the data will only be updated once. The final display effect can also be modified in font, layout, background, position size, adaptive settings, and display effects properties, as shown in Figure 6.17-1.

() Attribute	Material	
Web Data1		
Basic attribute		~
Zone name	Web Data1	
Web Data Setup		~
Data Type	Web Text 🗸 🗸	
Automatically update web 🤣 data		
URL		
Field 📀		
Update frequency	5	
Example Screen		
	Refresh web data	
Font		>
Layout		>
Background		>
Position size		>
Adaption		>

Show Effect

>

Figure 6.17-1 Network Data Partition Attributes

After adding a network data partition, users can modify the data type. In the data type selection box of the network data settings, users can select network values, sensor values, network images, webpage screenshots, and inducement information in addition to network text. As shown in Figure 6.17-2.

Data Type	Web lext	
Automatically	Web Text	
update web 👴	Web lext	
data	Web Number	
URL	Web Sensor	
Field ₀	Web Image	
20122	Web Page Shot	
frequency 0	诱导信息	
Example	10000	
Screen		

Figure 6.17-2 Network Data Settings

6.18 Background music partition

The background music partition currently only supports Y and C series controllers. After adding this partition, it defaults to a size of 1x1 in the upper left corner. Users can select background music for the program, as shown in Figure 6.18-1.

@ Home > makeProgram			Total number of se	creens: 148 Online rate: 0.
Content @Playlist	creen 🏢 🖧 🗁 📓 ∨ 500% ଥିଥି 🗇 🖸 🛛 🗐 🕮 🗑 🕾 = 🕂 - 2* ↑↓ ptpt∨ ⊙ ∨ 🛷	() Attribute	@Material	
亩↑↓ 4	2x192 🗃 🙃	Enter name to	quely.	
- 120250521-15.02:33(#) 🔗	(TERCAN) and	4 Time 4 Nar	ne ∔Size	• •
12 BOM1	声 合 个 ↓	- 🐱 IKst.948(0	
		ା ା ଣ) 230201-04	2023/02/0 4.53MB

Figure 6.18-1 Background Music Partition

7 Introduction to Z-partition, C-series, and LCD commercial graphics cards

The platform currently has 12 partitions, including graphic and text partition, subtitle partition, plain text partition, video partition, dial partition, time partition, timing partition, lunar calendar partition, sensor partition, weather partition, voice partition, and local live broadcast partition. Users can add partitions by double clicking or dragging.

7.1 Characteristics of Zoning in Z Series Programs

At present, the platform supports 6th generation controllers, Y-series controllers, Z-series control cards, C-series control cards, and YQ controllers. "Z, C-series, and LCD commercial graphics cards are new series". The Z-card is slightly different from the other four series of controllers in terms of program display, with the most obvious difference being the video partition and supported partition. The Z-series lacks API, database, sensors, local live streaming, voice, network data, and colorful text partitions compared to the 6th generation Y-series. Only GIF type videos can be used in the Z-card video partition, as shown in Figure 7.1-1. And if the video length exceeds 40 seconds/frame, it will be automatically cropped to 40 seconds/frame, as shown in Figure 7.1-2.



Figure 7.1-1 Video Partition

Max video limit is 40seconds, this video is 40seconds, will auto clip ahead 40seconds to controller

Figure 7.1-2 Video Tip

7.2 The characteristics of partitioning in C-series programs

At present, the platform supports 6th generation controllers, Y series controllers, Z series control cards, C series control cards (hereinafter referred to as C cards), and YQ controllers. "Z, C series, and LCD commercial graphics cards are new series". The C series cards are basically the same as the Y series controllers, but the difference is that the C card has different video partitioning and Y card underlying rules. The C card video can only be reduced to 1/8 of the original width and height. For example, a video with a resolution of 800 * 480 can be reduced to a maximum resolution of 100 * 60, as shown in Figure 7.2-1. If the ratio is less than this, the screen will not be able to display content.



Figure 7.2-1 C Video Partition

7.3 The characteristics of partitioning in LCD commercial graphics card programs

At present, the platform supports 6th generation controllers, Y series controllers, Z series control cards, C series control cards (hereinafter referred to as C cards), and YQ controllers. "Z, C series, and LCD commercial graphics cards are new series". LCD commercial graphics cards are roughly the same as Y cards, with added browser partitions, QR code partitions, and button

partitions. The browser partitions and QR code partitions are shown in Figure 7.3-1. The button partition is displayed in program group mode, as shown in Figure 7.3-2.



Figure 7.3-1 Browser Partition and QR Code Partition

@ Home > makeProgram		Total number of screens; 30 Online rate;	3.33% Return program group tai
 a) 20250520-15:35:16 b) a) a) a) a) ↑ ↓ 	Ø Soreen ★ ★ 60% D D D D D D D D D D D D D D D D D D D	()Attribute (#Material	
1. mist i		Button area1 Dropsky retup Rutters Rode Custom	
program 1		Button Text Doyd Forst name 思避完体 CN	× Vien
2.		Font size 150 Font calor	Date
program2 3 ,	next here a	Button Style Solid color back Button color Intel 60	grou ~
17.50 A		Boster 20 Boster calor	Clock
ptogram3		Elick an of settings : Play the next Settings	v Sensor
		Position size	
	The third program	Top margin 0	Weather
		Zone width 7/01 Zone height 433	Text
			Browser
			Button area

Figure 7.3-2 Button Partition

8 Material Square

The Material Square is a place where the platform provides users with more selectable materials, which can be directly seen on the program production page (materials are divided into images, videos, and fonts), as shown in Figure 8.1-1. The materials are divided into free materials and paid materials. The paid materials have a red RMB symbol in the lower left corner, and the free materials have a crown symbol in the lower left corner. Users can use and purchase according to their own needs. The purchased paid materials have a green RMB symbol in the lower left corner.



Figure 8.1-1 Program Production Page - Material Square

If the user is an enterprise user, the root account can also be used when their sub account purchases materials; If the root account is purchased, the sub account cannot be used and must be purchased again before it can be used.

If the user creates paid materials for the program (images and videos), the partition will display a watermark for the paid materials. After purchasing, the watermark disappears and can be used normally. The program can only be saved after purchasing all the paid materials. Otherwise, the program can only be saved and sent after deleting the unpaid paid materials in the program production, as shown in Figure 8.1-2.



Figure 8.1-2 Program contains paid materials - click save

9 Main problem answers

1 Why are the width and height attributes of the screen not displayed after successfully adding it in screen management?

Answer: In this situation, you can click the screen management button behind the corresponding screen to open the screen control page. Click "Query All Parameters" to obtain the width and height of the screen.

2 Why have the previously produced programs, added screens, or added materials disappeared?

Answer: Firstly, you can check whether there are any deletion operation records in the log management of the system management. If there are, it is possible that you or someone else has performed the deletion operation; If not, you need to contact the business administrator of your organization, who may have made changes to your organizational structure.

3 Why is the online screen not displayed on the selection screen page of the publishing guide when the program is released?

Answer: Please confirm if the matching rate between the program and the screen exceeds 60%. If it does not match, you can add a drawing board of the same size as the screen to the current program. At the same time, ensure that the screen has purchased a package and that there is sufficient data within the package.

4 Why does the firmware update button on the corresponding screen still display after the firmware update?

Answer: You need to check the completed firmware and click the "Check for Updates" button

on the screen management page

5 Why is the login prompt "username does not exist, please register first" when using a

registered account?

Answer: After the platform update on September 30, 2018, an international station was added to support foreign users' access. Data between the Chinese station and the international station is not interoperable. Chinese users should visit the Chinese station website www.iledcloud.cn, and the corresponding controller's web server IP remains unchanged; For foreign users, please visit the international website www.iledcloud.com, and the corresponding controller's web server IP is 8.213.218.237.

6 Why do programs that have been successfully published not play on the screen?

Answer: Firstly, please check if you have set a "start time" or "stop time" when publishing. Next, please check if the controller is set to timed power on/off. Try publishing again, if it still doesn't display, please contact our platform to find the specific reason.

7 Why does the program experience screen flickering during playback?

Answer: Please check if there are any partitions or materials with transparent background colors. If so, please modify the special effects of these partitions or materials to "Quick Play", "Static Display", "XX Move", and "XX Move". If not, please contact our platform to find the specific reason.

8 Why does the screen immediately darken after setting partition dimming?

Answer: It may be that the current time is not within the time period you set for time-sharing dimming. The controller will default to setting the brightness to the default value of 1. If you want to maintain brightness, it is recommended to set an additional time point to adjust the brightness, for example, 0:00 brightness is 100.

9 Why does the screen immediately turn off when it is set to timed on/off? Answer: This is because during the time before the scheduled power on, the controller believes that the screen should be turned off. If it is not, it will immediately turn off.

10 Why does it prompt that the screen is not online when adding a screen?

Answer: When adding a screen to the platform, it is necessary to ensure that the controller is online, otherwise it cannot be successfully added.

11 Why does the controller still prompt that it is not online when adding the identification code after it is online?

Answer: Firstly, please check if there is a barcode label attached to the controller body. If so, please prioritize using the barcode as the serial number to add the screen. If there is no barcode label attached to the controller body, you need to use YQ software to view the identification code of the controller and add it using the identification code.

12 Why was the online 6Q controller not displayed when the announcement was released? Answer: Only YQ and Y series controllers support the release of announcements.

13 Why do the YQ3 series controllers (YQ2E, YQ3, and YQ4) display white bars on the screen after their announcement?

Answer: Please confirm if the background color of the announcement you posted is transparent or if "Transparent" is checked. If it is confirmed that the background color is transparent, please modify the background color of the announcement.

14 Why is the screen not online?

Answer: For offline screens, we recommend that you check the following situations:

1 If using 3G/4G module, check if the phone card is overdue?

2 If using 3G/4G modules, check if the card slot pops out? Or is there poor contact in the card slot?

3 Is the network situation in the area where the screen is located good?

4 Is there any interference source in the area where the screen is located?

5 There is a possibility of parameter loss in the controller

15 Why does the image material I uploaded prompt that it is not supported?

Answer: The platform supports image formats such as BMP, JPG, and PNG. Some images are

generated through web pages or special software, and due to encoding issues, the platform may determine that they cannot be parsed during processing. If the prompt indicates that the image is too large, it is recommended to use image processing software to compress it before uploading.