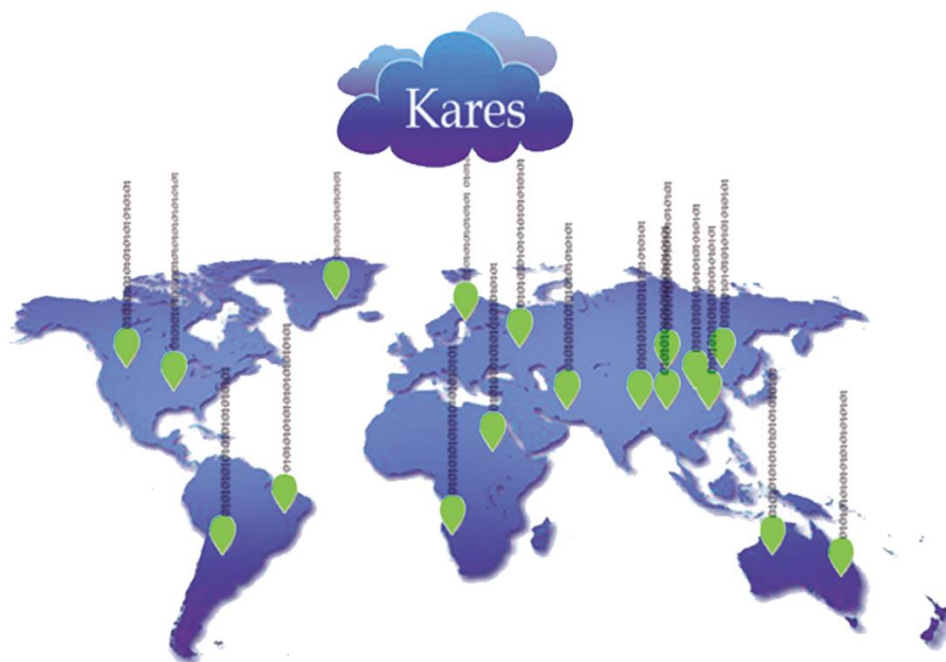


Kares Cloud Releasing System

Pandora

Version:v2.1

Release Date:September 2022



Manual



TEL 400 159 0808

Website: www.kystar.com.cn/en

Beijing Kystar Technology Co., L

Professional UHD video display and contr
integrated solution provider and operatic

Version Record

Version Number	Details	Release Time
V1.0	First Release	2020.09.17
V2.0	New Revised Cloud Platform Kares	2021.11.15
V2.1	<ol style="list-style-type: none">1. Equipped with a relay switch to cooperate with the on-board relay and multi-function card to switch the power supply of the large screen.2. The new source switching switches KP2H and KP4H synchronous and asynchronous signals.3. Equipped with timing switch, brightness, sound and other functions that can control multiple terminals in batches.4. Upgrade Terminal equipment.5. Add English and Vietnamese.	2022.09.13

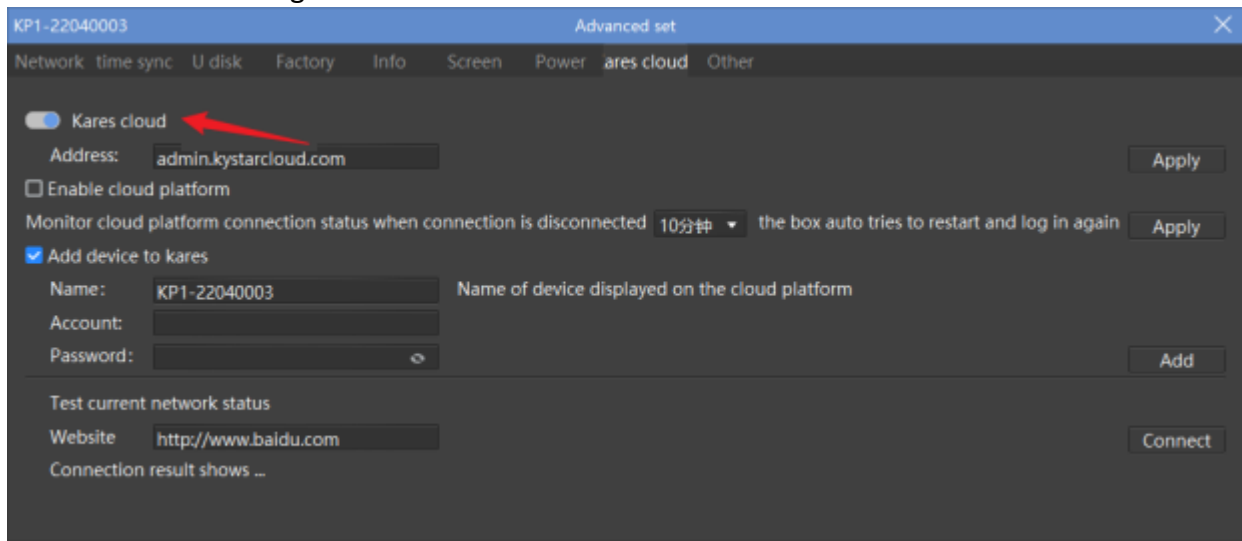
Process of Operation:

Connect the box to the network -- login the system -- add and register the device -- check the device status -- edit and release the program.

Note:The device needs to be connected to network. The following are some ways to determine whether the network is connected.

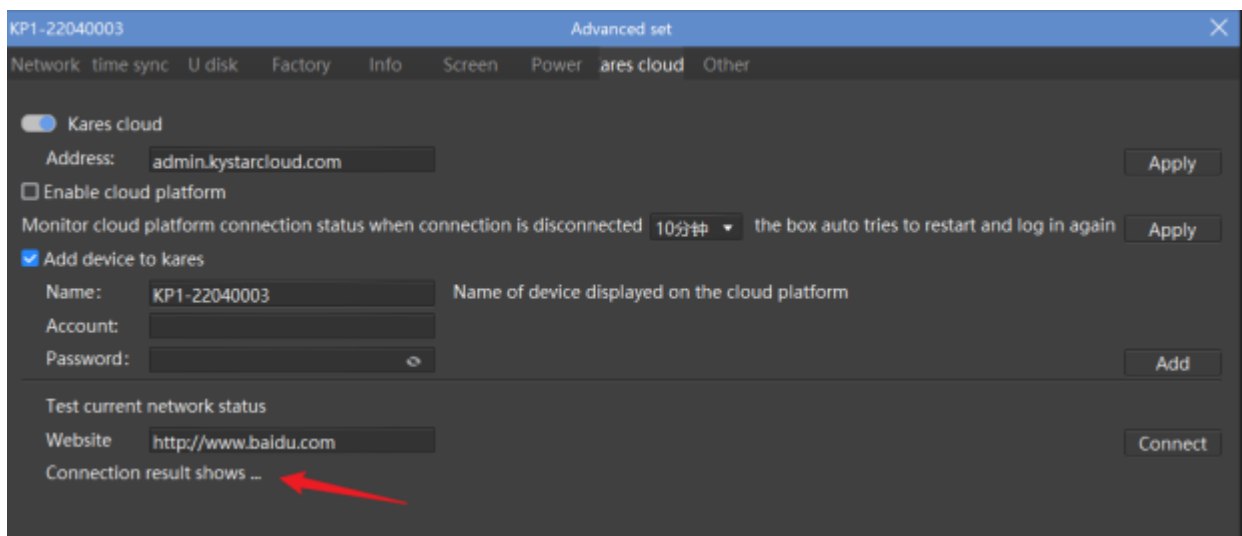
1. Upload weather programs through PE or mobile app, and observe whether the weather is displayed on the screen. The display indicates that the network is successful, and the display of "failure to obtain weather" means that the network is not available.
2. Connect device through PE, and click the following in turn: Terminal details— Kares cloud — Test the current network status.

The device tests whether the network is connected by accessing the Baidu address. A successful connection means that the network is working, and a failure means that the network is not working.



This operation requires ensuring that the Kares function of the device is enabled.

It can be found in "Terminal Details — Kares Cloud":



For other details, please read the instructions below.

Contents

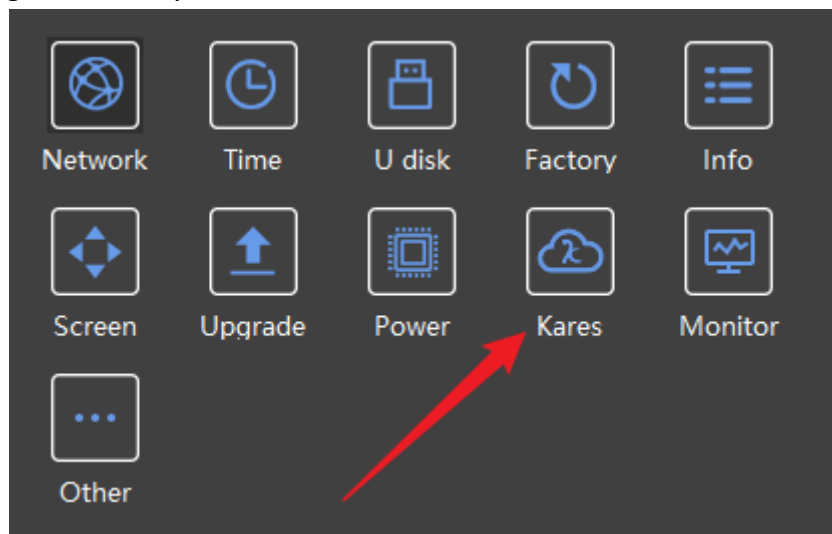
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1. Device Added to Kares

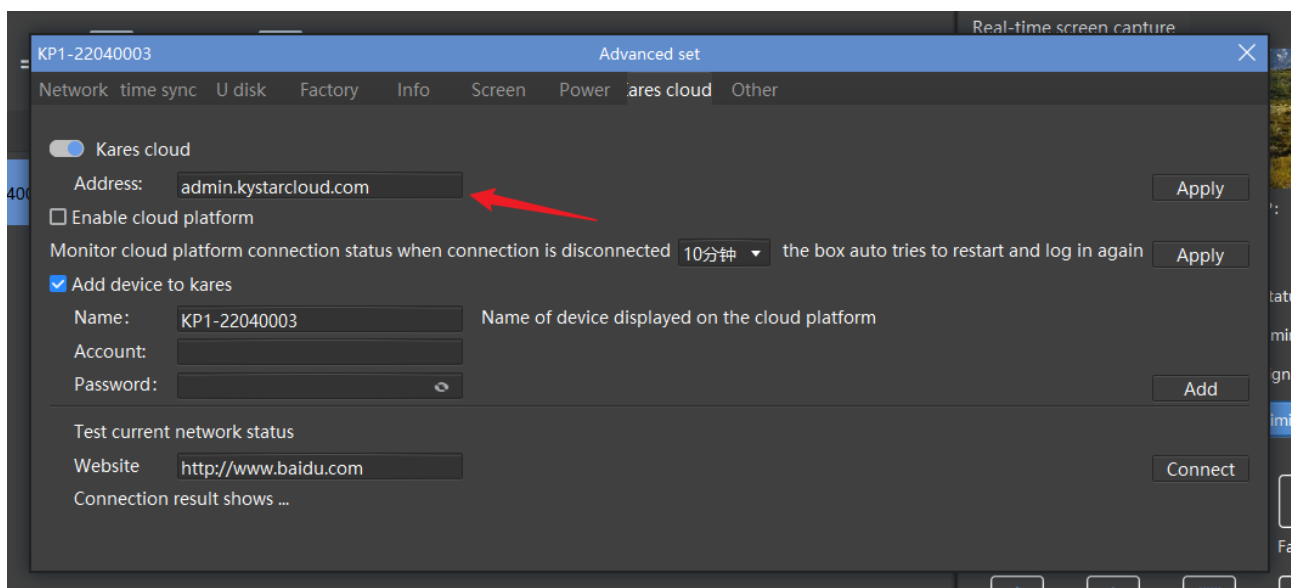
1.1 Add Device Directly via PE Software

Note: Both computer and KP-box need to be connected to the Internet.

(1) Connect the device to be added through the PE software, right click the box, and then click "Advanced Settings" or directly click "Kares Cloud" in the terminal details.



(2) Enter the Kares cloud interface, open the Kares cloud platform switch, change the address to admin.kystarcloud.com and click Apply.



(3) Check "Add device to Kares account", enter the Kares account and password correctly, and click Add. The device will be automatically added to the Kares account.

☒ Add device to kares

Name: KP1-22040003 Name of device displayed on the cloud platform

Account: [Redacted]

Password: [Redacted] Add

(4) After the addition, please log in Kares to view the device, and modify the name and remarks in the platform.

1.2 Add Device in the Kares Cloud Platform

- (1) Open the Kares cloud platform function through PE as described in 1.1 above.
- (2) Login to the cloud platform with account and password.
- (3) Terminal Management - Click Add.

The screenshot shows the Kares Cloud Platform interface. The top navigation bar includes 'Material', 'Programme', 'Terminal', 'Check', and 'View More'. The 'Terminal' tab is selected. On the left, under 'Structure Grouping', 'System' is selected. The main area displays a table of devices. The 'Add' button in the top right is highlighted with a red arrow. The table has columns: Device name, Remark, Resolution, Types, Version number, Status, and Operate. The devices listed are:

Device name	Remark	Resolution	Types	Version number	Status	Operate
KPB12-23040483-4		1024x512	Pandora	v2.5.0-316	Offline	[Edit] [Refresh] [Delete]
KPB12-23042350		160x320	Pandora	v2.5.0-316	Offline	[Edit] [Refresh] [Delete]
KPB12-23041211		160x320	Pandora	v2.5.0-316	Offline	[Edit] [Refresh] [Delete]
KPB12-23040977		320x320	Pandora	--	Offline	[Edit] [Refresh] [Delete]
KPB12-23041001		160x320	Pandora	v2.5.0-316	Turn on screen	[Edit] [Refresh] [Delete]

(4) Device name: Name the new device.

Organization Structure: Select the organization structure group in which the device is added.

Device Type: Select the device type.

Resolution: A resolution is given to the device as an identifier.

SN: Fill in the SN code of the device (the device number on the label paper, or check the device ID in the PE).

Remark: Remark information.

You can also add a geographic location to the map for the device (optional).

Add device

* Device name

device_1691724728720

* Structure

System

* Resolution

3840x2160

Device type

Pandora

* SN

SN

Remark

Please mark device location on map

Cancel

Confirm

Note: If you do not know the SN code of the current device, you can use PE software to check it (hover over or select the device and click the device details to view).

	RP1-22040003	LAN	192.168.0.100	1920*1080	100	100	v2.3.9-288
--	--------------	-----	---------------	-----------	-----	-----	------------

2. System Login

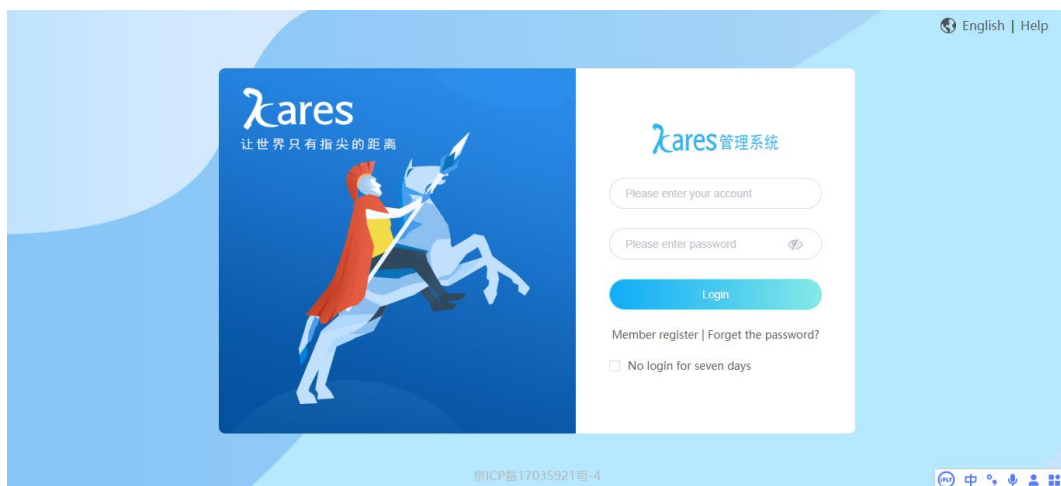
2.1 Account Acquisition

Please contact your local sales to obtain an account verification code for registration

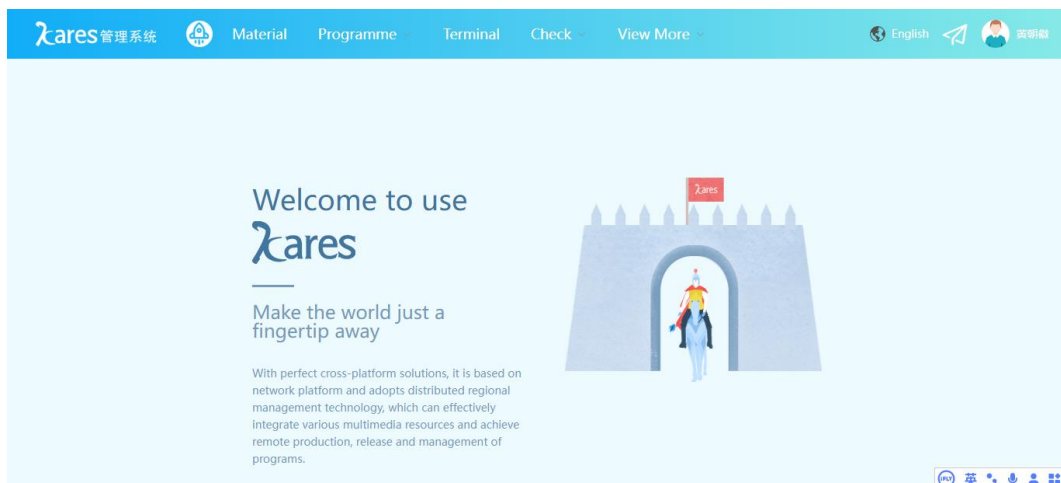
2.2 Login to the System

Kares system uses B/S architecture, it can be operated on any network computer with user name and password and there is no need to install client software.

- (1) Enter in your browser's address bar: <http://admin.kystarcloud.com> , and press enter to open Kares system login interface, or Enter the "Kares Platform" at the top right of the official website of Beijing Kystar.



- (2) Enter a valid username and password.
- (3) Click "Login" to login the system. In the login state, click "logout" to log out of the system.



3.Introduction to Kares Functional Modules

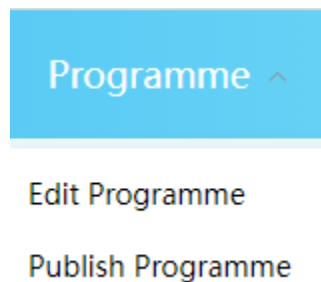
Material management

manage and view existing material, and also upload local material to the server.

Program management

Program Editing: Edit programs online.

Advanced release: The edited program will be released to the corresponding terminal by means of cyclic playback, regular playback and emergency insertion.



Terminal management

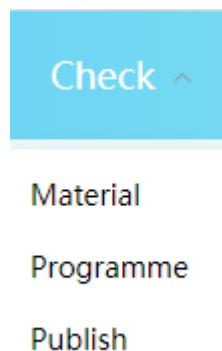
Add and view the management terminal playing box, view and manage the terminal playing box under the current account, and count the total number of devices and the number of online and offline under each organizational structure.

Review management

Material review: The reviewers reviews the uploaded material.

Program review: The reviewers reviews the produced programs.

Release review: The reviewers review the released programs.

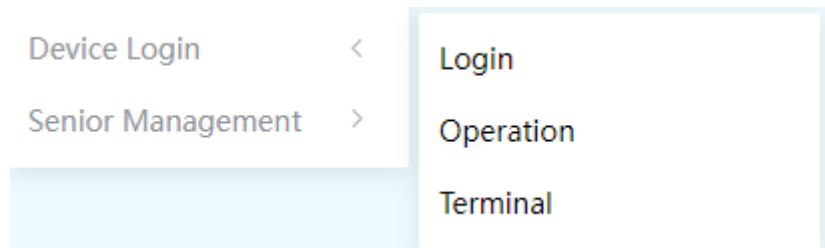


Log management

Login log: List the login log, and record the login and logout time of all devices in the account.

Operation log: List the operation log, which records all user actions in the account.

Terminal log: List the terminal log and record all the device playing logs in the account.

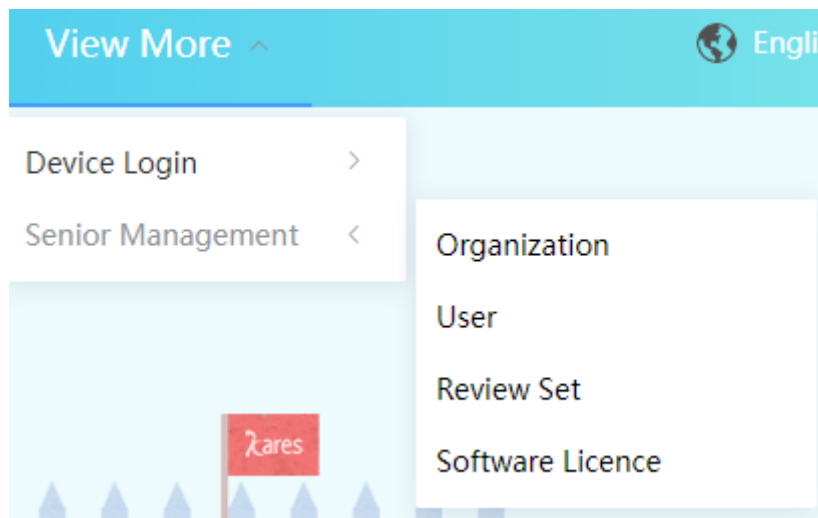


Advanced management

Organization structure: The organization structure of the current player device is managed.

User management: You can add/modify users and assign user role names to this account.

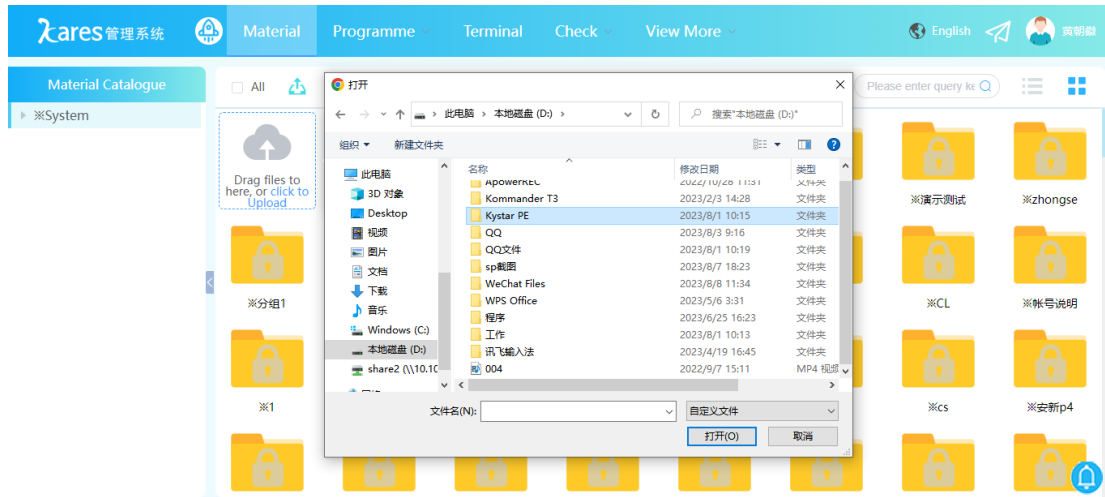
Review Settings: You can add material and program, and release review personnel.




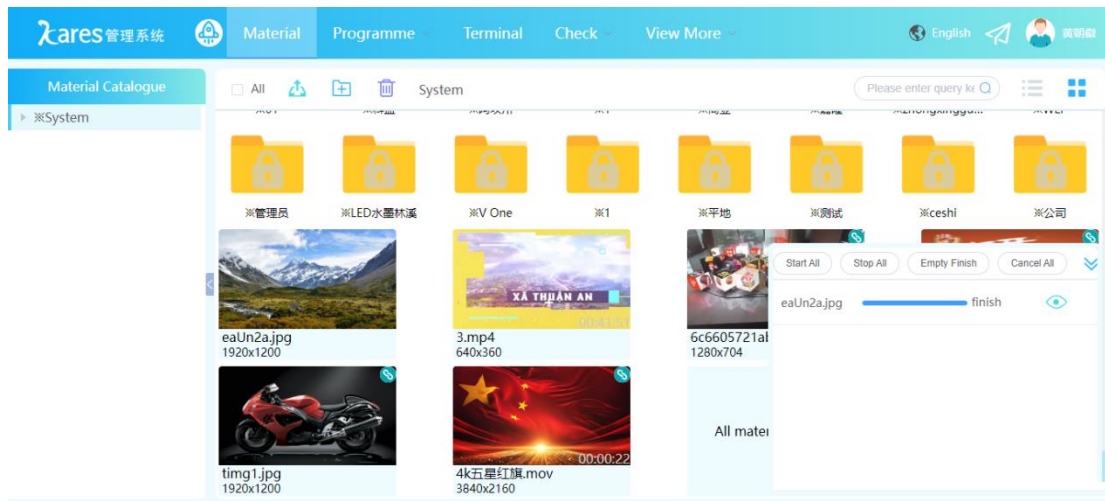
4. Program Management

4.1 Material Addition


(1) Click upload, select the material that needs to be added to the cloud platform, and click open.

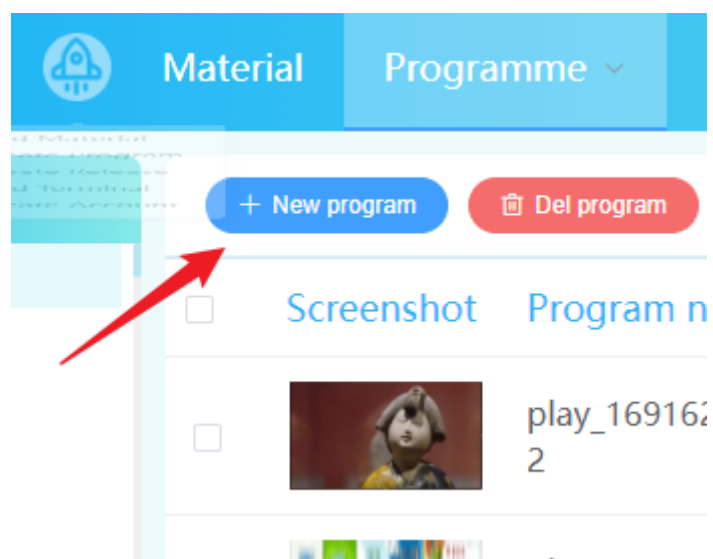


(2) Click the "Upload Progress"  to view the material upload progress, and you can directly view it in the material management after uploading.



4.2 Program Editing and Releasing

(1) Click the "Add"  to add new programs



(2) Fill in the program name and screen resolution as required

New Program Infor ×

*

Program n

play_1691725114697

ame

*

Structure

System

*

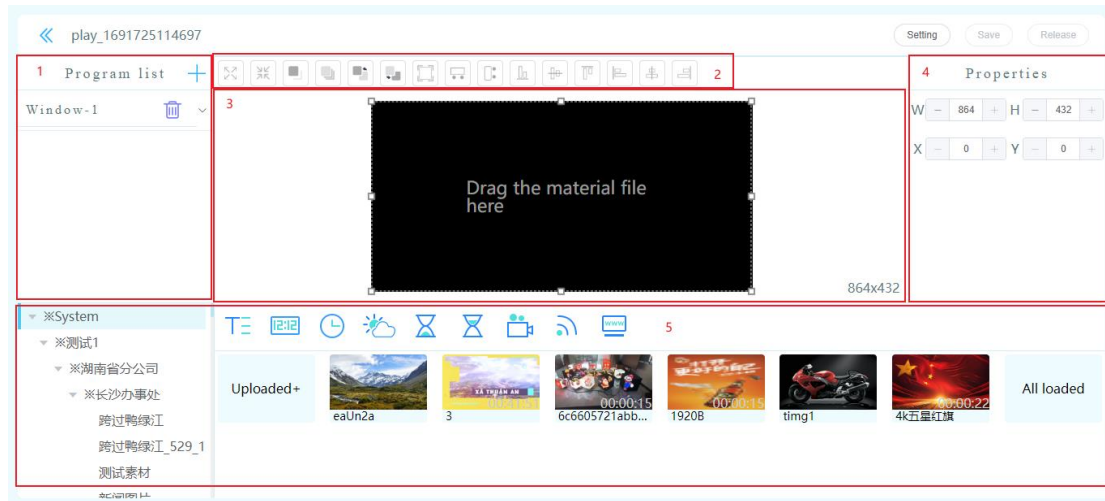
Resolution

864x432

Cancel

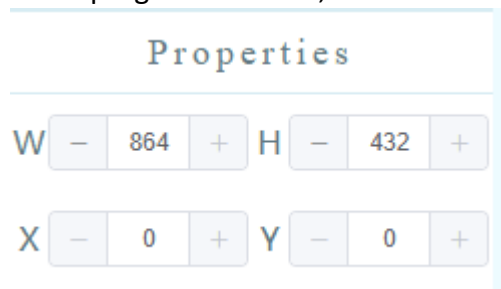
Confirm

(3) Program layout



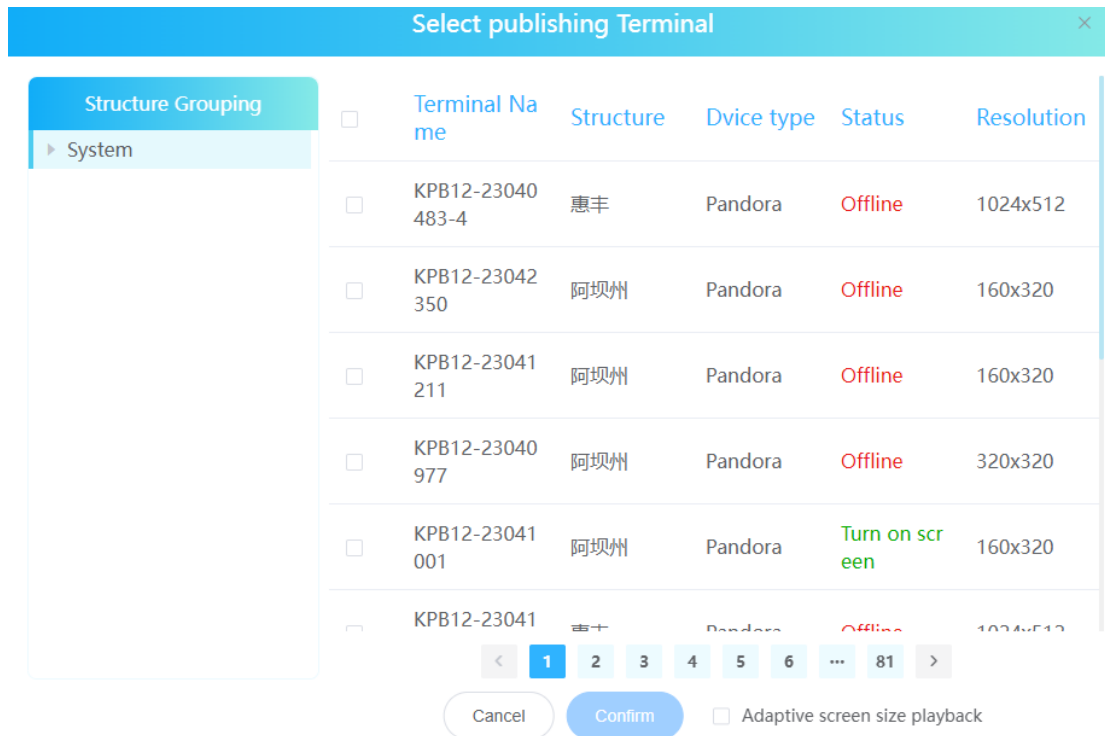
1. Program list
2. Functional area
3. Edit preview area
4. Window material properties
5. Material area


(4) When the program is edited, click Release.

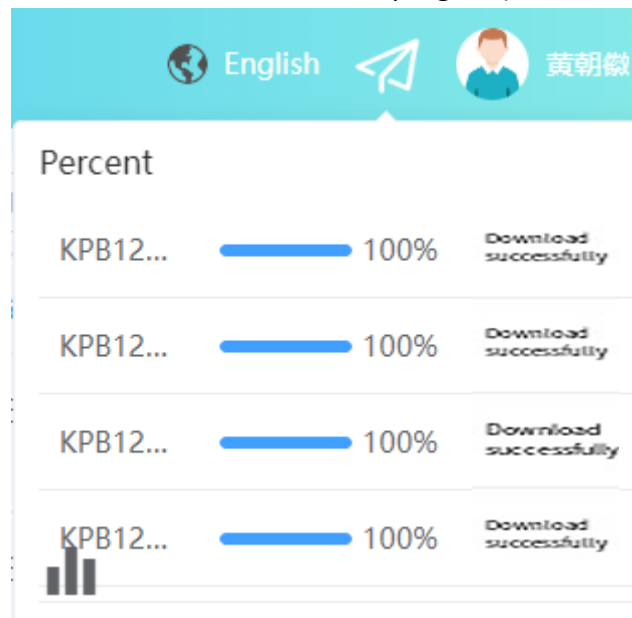


You can also save the show for "advanced releasing"

(5) Check the terminal device you want to release, and click OK.

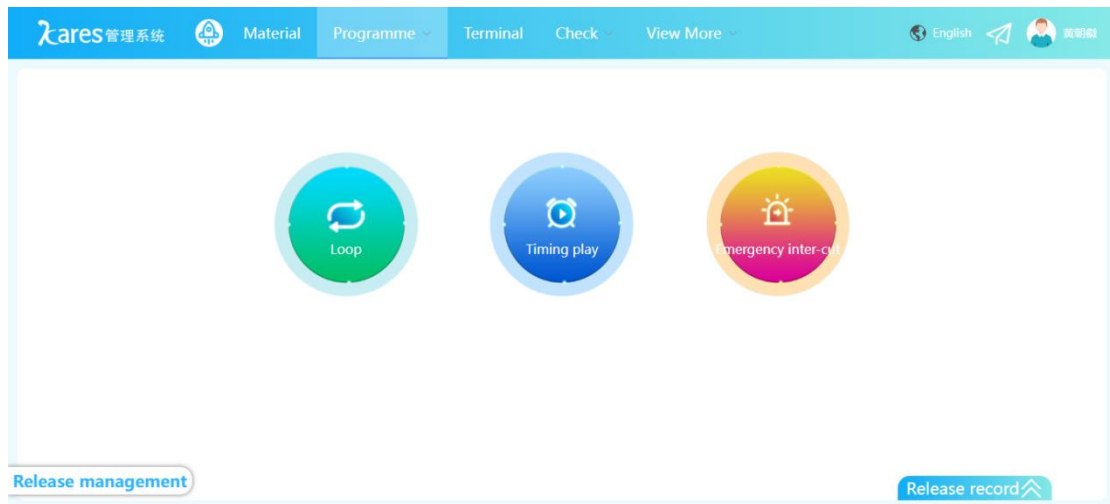


- (6) Click the "Download progress"  to check the release process and the receiving process of terminal device. The top left corner of the LED screen also indicates a percentage sign (the length of upload time is determined by current network and the size of the material in the program).



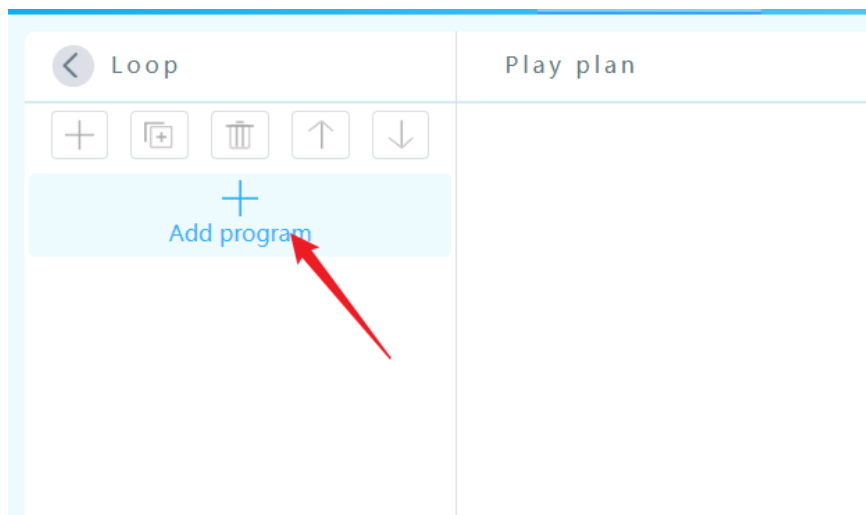
4.3 Advanced Releasing

Edit and save the program as described in 4.2 above.
Select the type of releasing you want.

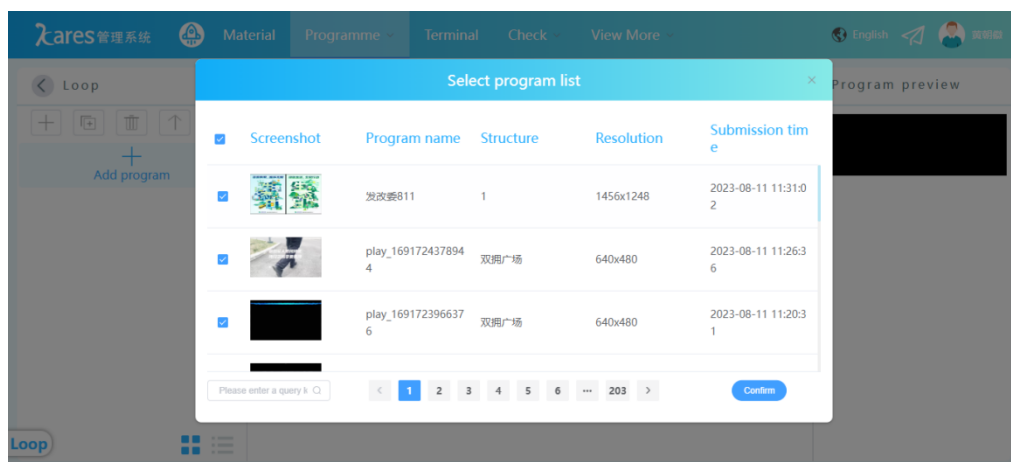


4.3.1 Loop

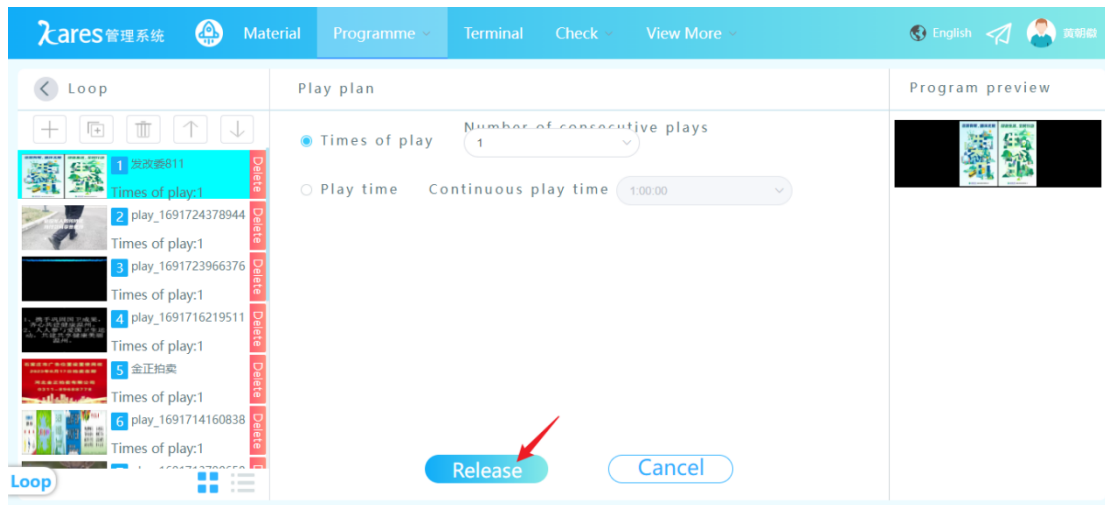
- (1) Add program (Confirm a specific time to play program, loop under the timed play, stop at the normal play.)



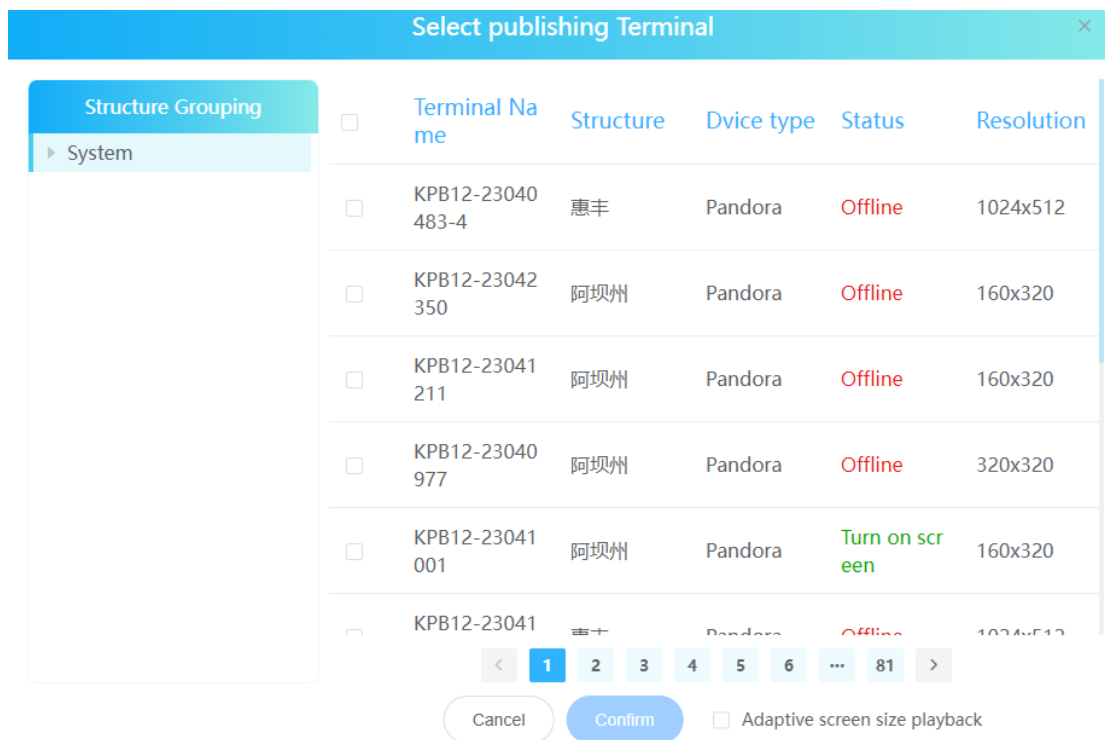
- (2) Choose program according the demands, then click Yes.



(3) Finish editing play program.

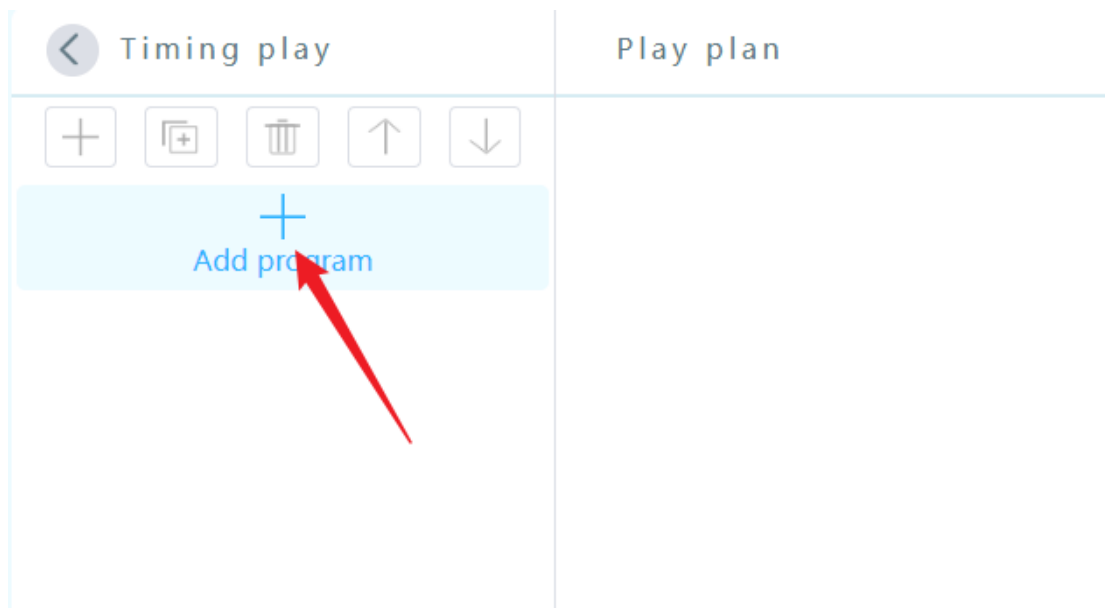


(4) Select the terminal to be released.

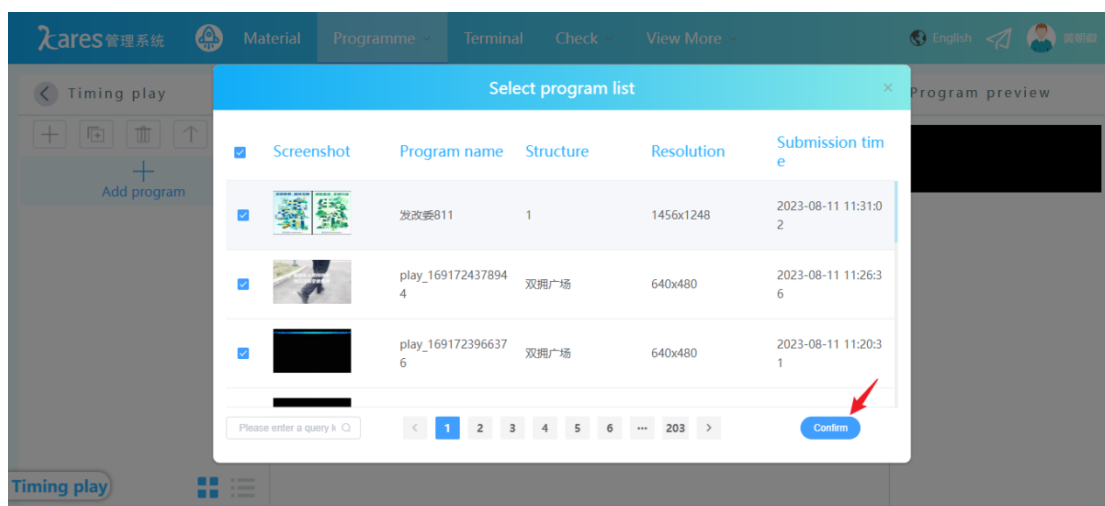


4.3.2 Timed Playback

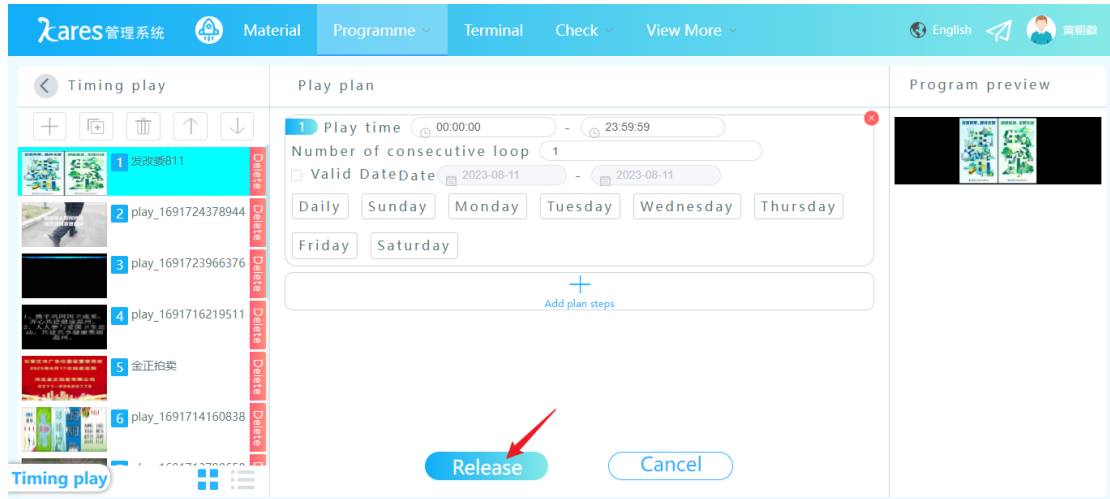
(1) Add program(Confirm a specific time to play program ,loop under the timed play,stop at the normal play.)



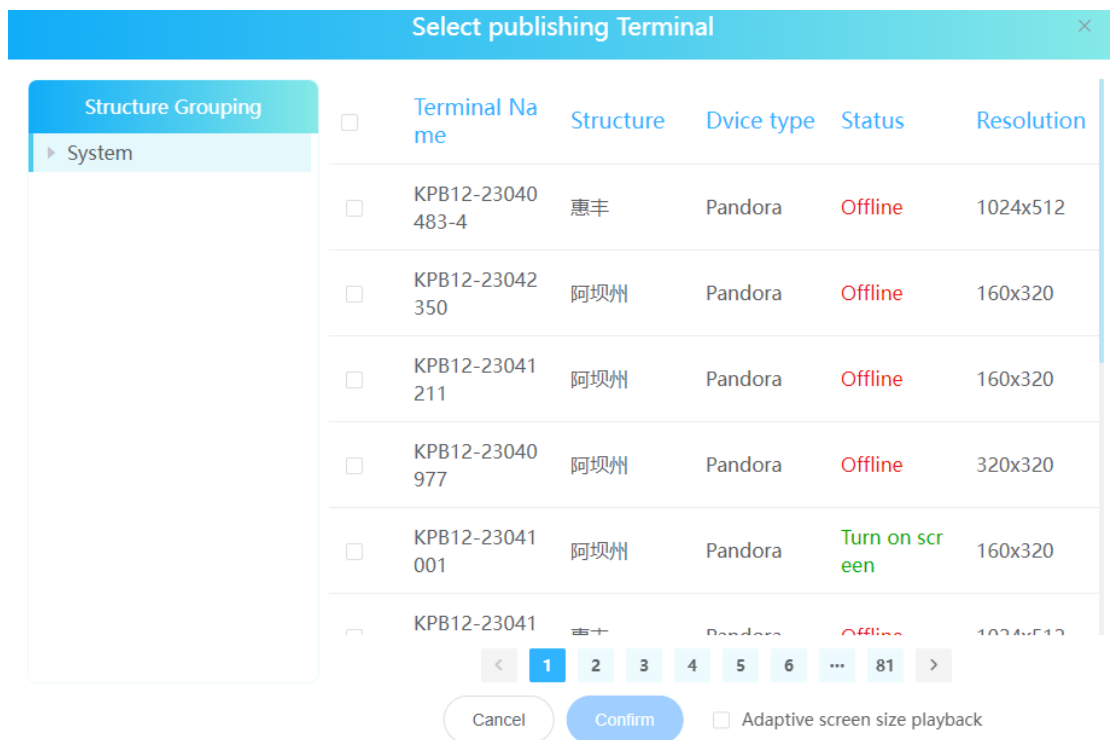
(2) Choose program according the demands, then click Yes.



(3) Finish editing play program.



(4) Select the terminal to be released.



Timed Play Logic

- (1) When there is no program at the current time, users can play normal programs;
- (2) When there are multiple programs corresponding to the current time point, all programs under this time are played in a loop;
- (3) When the end time of a program arrives, determine which programs correspond to the end and select the program with the largest serial number to play.

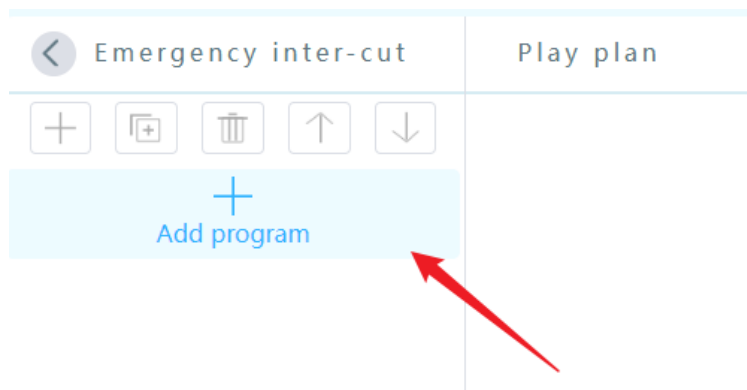
Ex: Program 1: 8:00-20:00; Program 2: 8: 00-15: 00; Program 3: 8: 30-9: 00

In the valid time,here is the implementation:

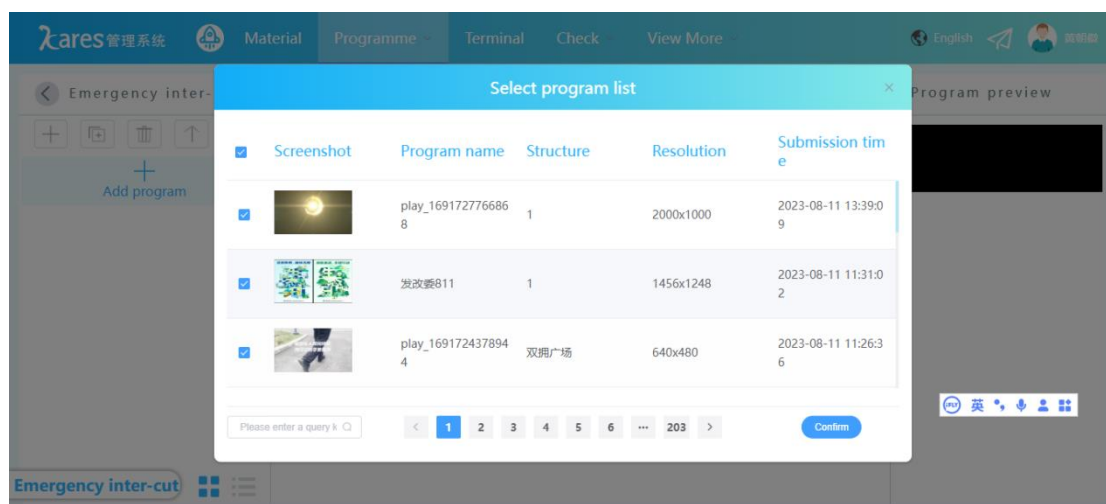
- 8: 00-8: 30, Play program 1, program 2 loop
- 8: 31-9: 00, play program 1, program 2,program 3 loop
- 9: 01-15: 00, play program 1,program 2
- 15: 01-20: 00, play program 1
- 20: 01- next day 8: 00, play prgram 1

4.3.3 Inter Cut

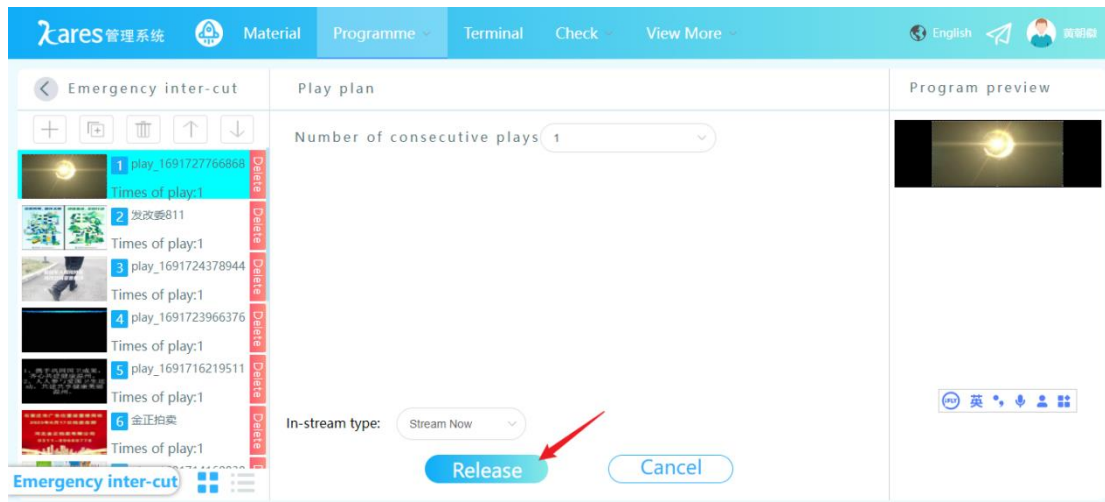
- (1) Click Add Program (highest priority: play for emergency programs that need to be played temporarily)



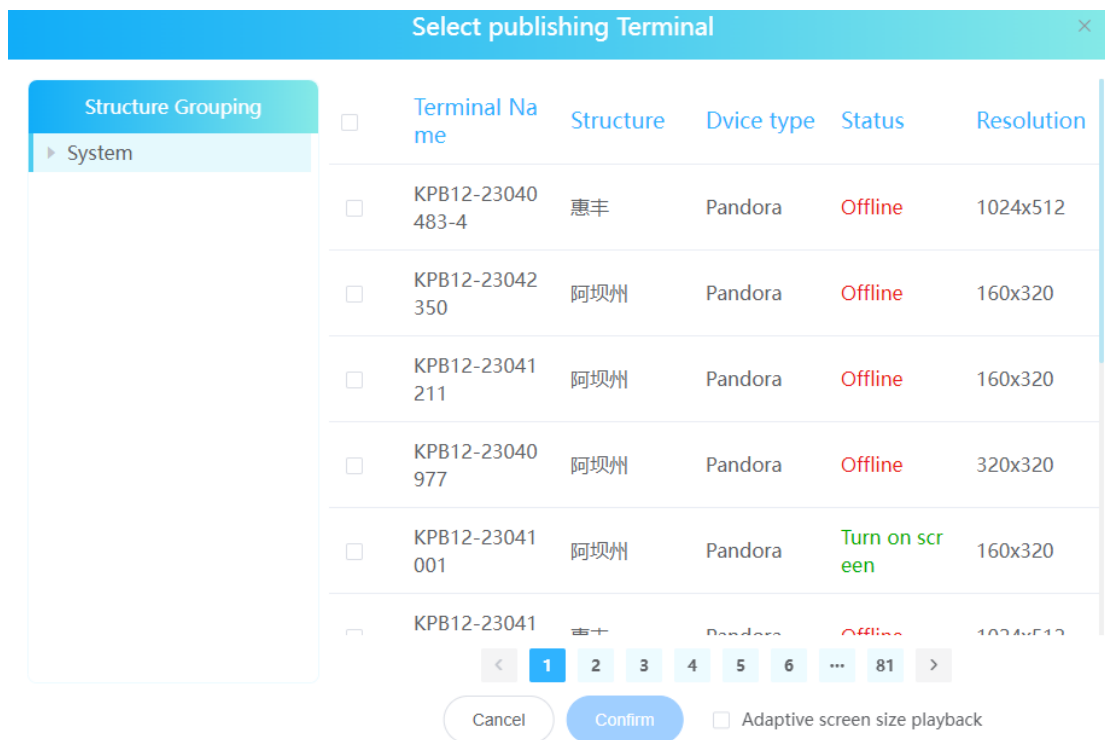
- (2) Choose program according the demands,click Yes



- (3) Finish editing play program.

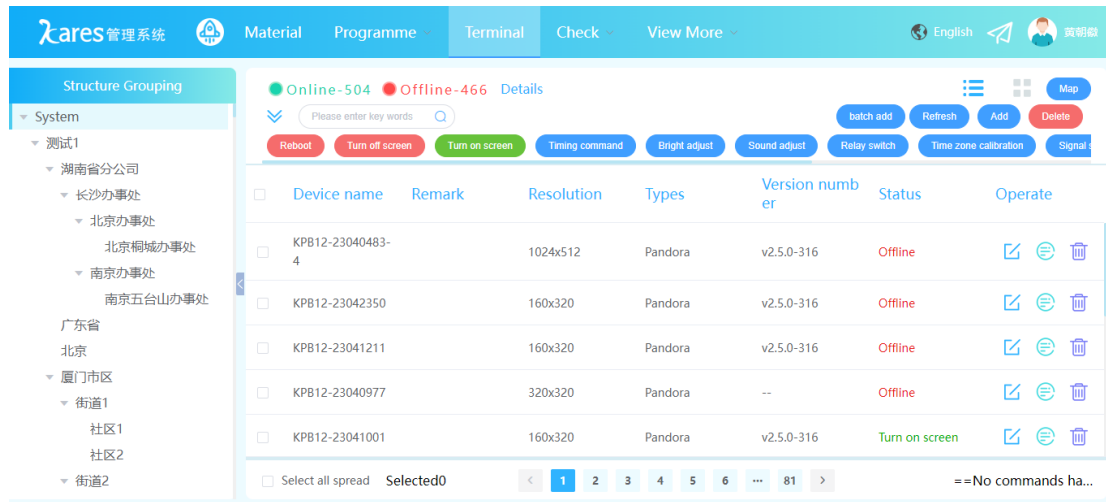


(4) Select the terminal to be published.



5. Terminal Management

5.1 Function Buttons



Online-504 **Offline-466** [Details](#) :View the selected organizational structure and sub-organizational online/offline devices, click "Details" to view all organizational structure online/offline devices

: Multiple display modes of list/icon/map

: Modify terminal device information

: View terminal device details

: delete terminal device

Refresh: Reacquire the status of the terminal device.

Add: Add a terminal device.

Delete: Delete the selected terminal device, and control multiple terminals for the cluster.

Restart: Restart the selected terminal device, and control multiple terminals for the cluster.

Open: Open the screen of the selected terminal device, and control multiple terminals for the cluster.

Close: Turn off the screen of the selected terminal device, and control multiple terminals for the cluster.

Timing command: Execute timing switch screen, brightness, sound and other

functions for the selected terminal equipment (multiple choices can be selected).

Brightness adjustment: Adjust the brightness of the selected terminal device, and control multiple terminals for the cluster.

Sound adjustment: Adjust the sound for the selected terminal device, and control multiple terminals for the cluster.

Relay switch: On-board power supply and multi-function switch for the selected terminal equipment, which can control multiple terminals for the cluster.

Time Calibration: Calibrate the time zone of the selected terminal device, and control multiple terminals for the cluster.

Signal switching: Switch between synchronous and asynchronous signals for the selected terminal equipment, and control multiple terminals for the cluster.

Multi-screen synchronization: Perform local area network and GPS synchronization settings on the selected terminal equipment, and control multiple terminals on the cluster.

Timing playback switch: Switch timing playback to the selected terminal device, and control multiple terminals for the cluster.

Timing switch: Set time timing switch for the selected terminal equipment, can control multiple terminals for the cluster (only for advertising machines).

5.2 Device Details

View the detailed information of the selected terminal here, including terminal time, screen resolution, running time, on/off screen status, timing on/off status, and screenshots showing the playback screen and other information.

The screenshot shows the Kares management system interface. At the top, there is a navigation bar with tabs: Material, Programme, Terminal, Check, and View More. The 'Terminal' tab is selected. Below the navigation bar, the device ID 'KP812-23041001' is displayed. The main content area is divided into two sections. The left section, titled 'Device Details', contains a list of device parameters: Device name (KP812-23041001), Screen type (Pandora), Resolution (160x320), Remark (No data), Box clock (2023-08-11 11:48:19), Current time zone (UTC+08:00)北京/Beijing, Device language (简体中文), Storage (4.07G / 4.24G), Version number (V2.5.0-316), Run status (Turn on screen), Continue run (9:46:37), Recent heartbeat (2023-08-11 11:47:14), and Timing command (Open). The right section displays a live video feed of the terminal screen, showing a landscape with red text. Below the video feed, there are controls for sound and brightness. The sound control has a slider and a numeric input set to 10. The brightness control has a slider and a numeric input set to 100. There are also buttons for 'Refresh', 'Reboot', and 'Turn on screen'.

The sound/brightness of the current terminal device can also be modified.

This image shows a close-up of the sound and brightness controls. The 'Sound' control features a slider and a numeric input set to 10. The 'Brightness' control features a slider and a numeric input set to 100. Both controls have up and down arrow buttons next to the numeric inputs.


5.2.1 Terminal Upgrade

Device Details	Program list	Relay	Timing com
Remark:	No data		
Box clock:	2023-08-11 11:48:19		
Current time zone:	(UTC+08:00) Beijing /Beijing		⚙️
Device language:	Simplified Chinese		
Storage:	4.07G/4.24G		
Version number:	V2.5.0-316	⬆️	
Run status:	Turn on screen		
Continue run:	No data		
Recent heartbeat:	2023-08-11 11:47:14		
Timing command:	Open		
Timing play:	Open		
Simulcast:	Not turned on		
Server address:	112.30.139.131	⚙️	

5.2.2 Playlist

(1) View programs in the terminal

λares 管理系统




Material


Programme


Terminal

Check

View More

 English



 黄明毅

>> KPB12-23041001

Device Details

Program list

Relay

Timing command


Program list


Loop


Timing play

Coding	Program Name	Program duration	Operate
1	节目1	4:12:5	<div><div></div><div></div></div>
2	山地自行车	25:13:20	<div><div></div><div></div></div>

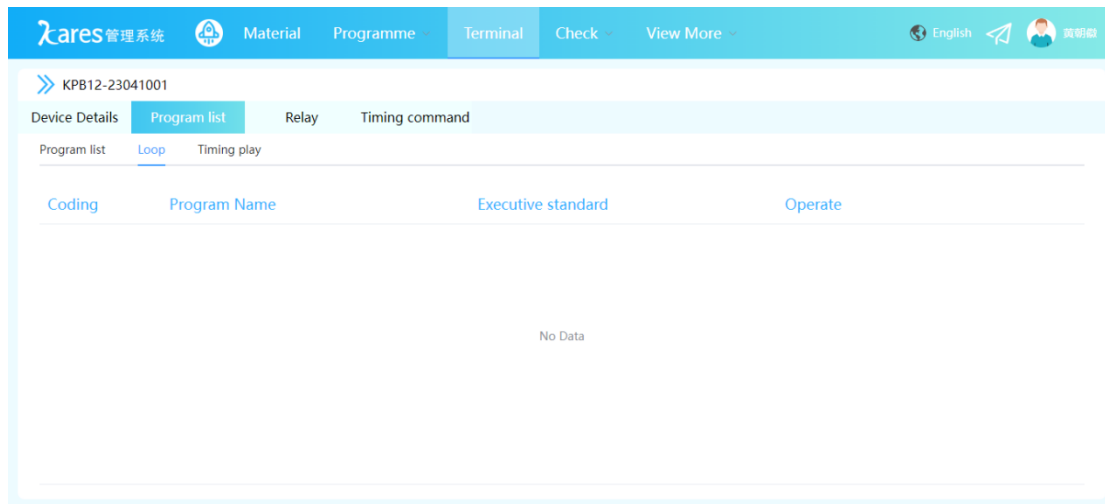
- The program list displays all the programs in the terminal device, respectively displaying the information sequence number, program name, and program duration. and can operate the program
- Buttons

Play  , Click to switch to the program to play, real time

Play  , what's playing


Delete  , Click to delete the show,

(2) Loop playback in the terminal to view



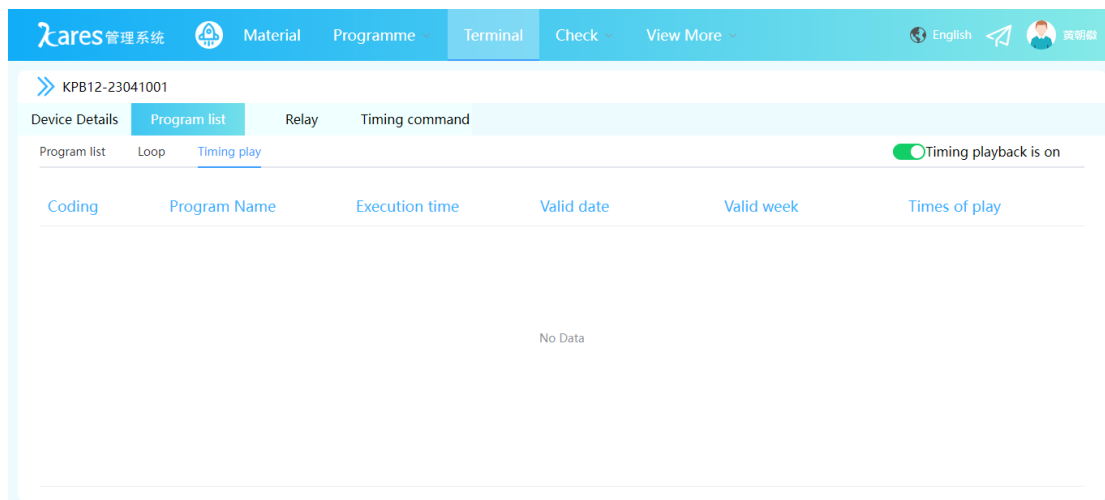
- a) The list shows all loop playback commands in the terminal device, and you can directly operate the loop playback. The loop playback setting described in 4.3.1 is a platform release step, which needs to be released to the terminal device to take effect.

- b) Buttons:


Play  , switch to the program to play, and it will take effect in real time

Delete  , delete program

(3) Timed playback view in the terminal

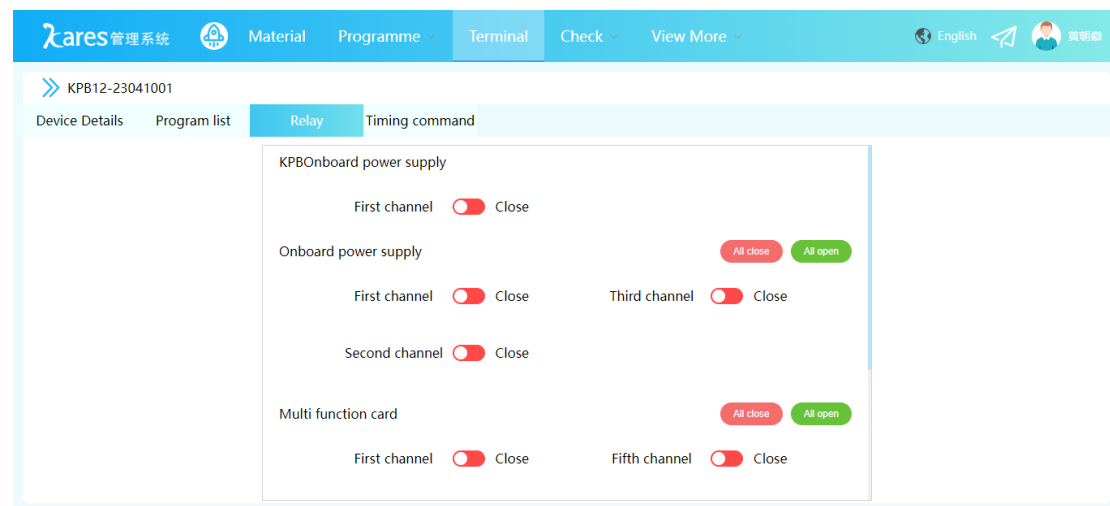


- a) The list shows all the scheduled playback commands in the terminal device. The scheduled playback on this interface is aimed at the playback tasks in the terminal; the scheduled playback setting described in 4.3.2 is a platform release step, which needs to be released to the terminal device to take effect.
- b) Button

 Timing playback is on , Timing playback on/off status view, you can turn on/off timing playback, effective in real time

5.2.3 Relay

Enter to automatically read back the current onboard power supply and multi-function card relay switch status.



KPB Onboard power supply

First channel: Turn on /Turn off the first channel

Onboard power supply

Fully open: Turn on the onboard power supply 3-way relay

All off: turn off the onboard power supply 3-way relay

Multi function card

Fully open: open the 8-way relay of the multi-function card

All off: turn off the 8-way relay of the multi-function card

Refresh: reacquire the switch state of the current relay

Synchronize to the terminal: Synchronize the current setting status to the terminal device. If it is not synchronized to the terminal, it will not take effect

5.2.4 Timing Instructions

Check the timing command in the terminal device.

Coding	Types	value	Is there a date limit?	Whether week limit	Execution time	Edit
1	Turn on screen	50	No limit	No limit	09:00:00	
2	Turn off screen	50	No limit	No limit	22:00:00	

☒ Timing command on

[Add timing command](#) [Sync to terminal](#)

The list displays all timing commands in the terminal device, respectively displaying the information serial number, type, value, execution date, execution week, and execution time.

6.Review Management

Note: When there are no auditors in the organization, no audit settings are required

6.1 Material Review

Reviewers judge whether the content of the uploaded material meets the requirements, and determine whether the material needs to be uploaded to the cloud platform

Structure Grouping

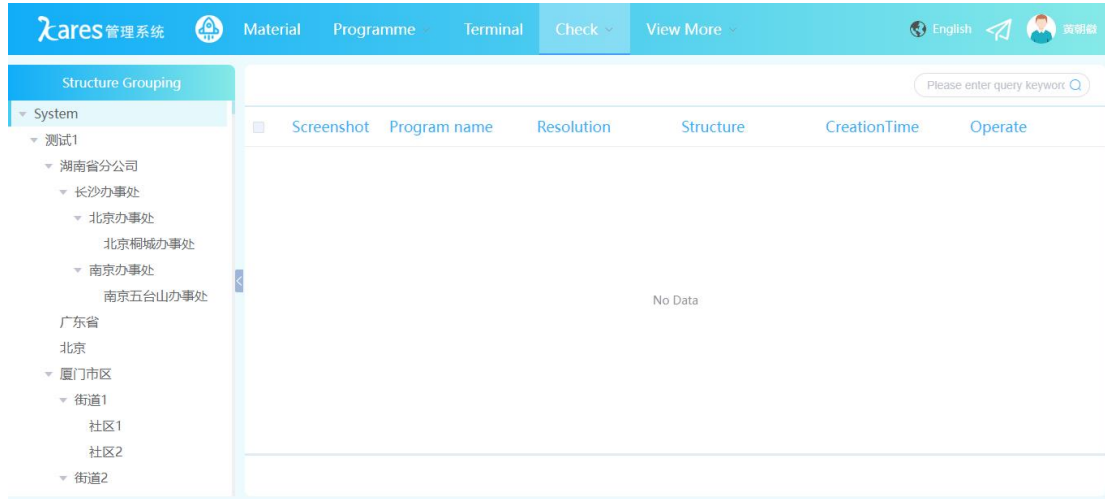
- System
 - 测试1
 - 湖南省分公司
 - 长沙办事处
 - 北京办事处
 - 北京桐城办事处
 - 南京办事处
 - 南京五台山办事处
 - 广东省
 - 北京
 - 厦门市
 - 街道1
 - 社区1
 - 社区2
 - 街道2

Screenshot	Name	Mechanism	Submission time	Publisher	Operate
No Data					

Selected:0

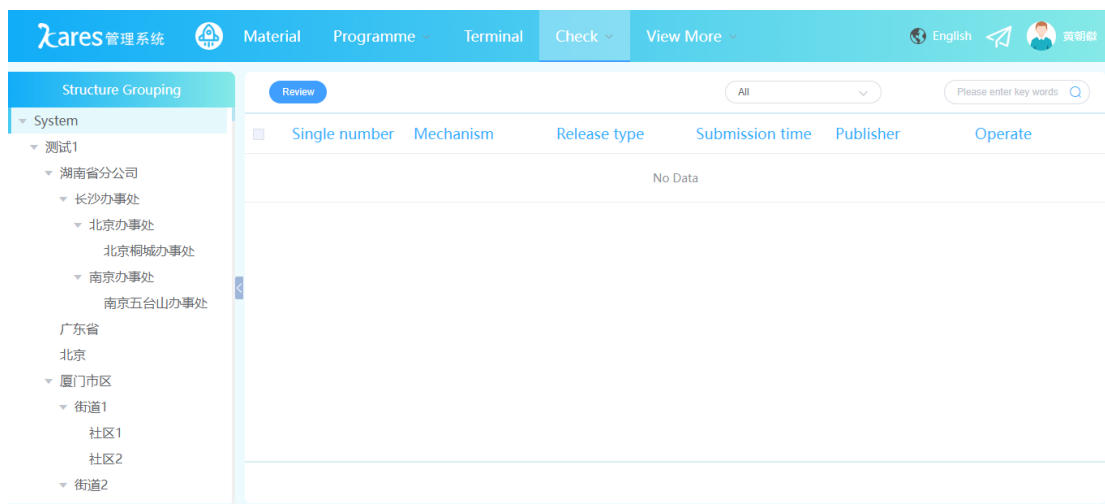
6.2 Program Review

Reviewers judge whether they meet the requirements based on the content of the program production.



6.3 Post Review

Reviewers judge whether the published content meets the requirements, and determine whether the published content needs to be released to the terminal for playback.

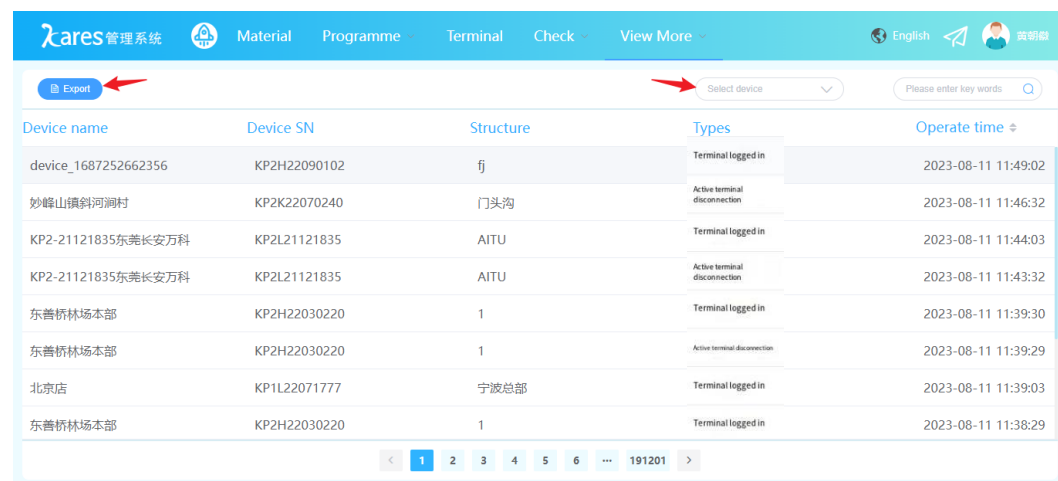


7. Log Management

Note: Accounts between organizations at the same level cannot view each other's logs.

7.1 Login

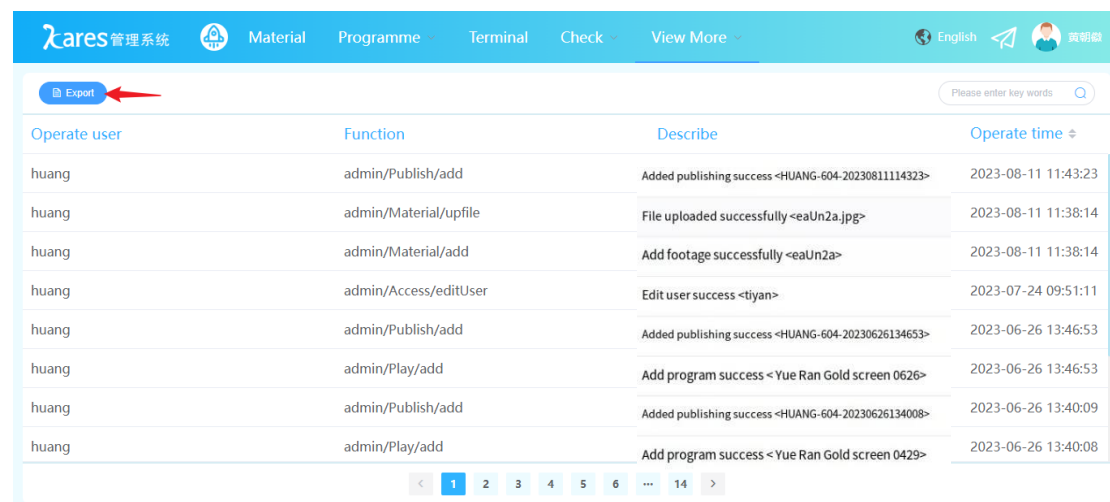
View the login and logout records of the accounts of the current organization and subordinate organizations on the terminal device on the cloud platform, or click the icon in the upper left corner to export the form.



Device name	Device SN	Structure	Types	Operate time
device_1687252662356	KP2H22090102	fj	Terminal logged in	2023-08-11 11:49:02
妙峰山镇斜河涧村	KP2K22070240	门头沟	Active terminal disconnection	2023-08-11 11:46:32
KP2-21121835东莞长安万科	KP2L21121835	AITU	Terminal logged in	2023-08-11 11:44:03
KP2-21121835东莞长安万科	KP2L21121835	AITU	Active terminal disconnection	2023-08-11 11:43:32
东善桥林场本部	KP2H22030220	1	Terminal logged in	2023-08-11 11:39:30
东善桥林场本部	KP2H22030220	1	Active terminal disconnection	2023-08-11 11:39:29
北京店	KP1L22071777	宁波总部	Terminal logged in	2023-08-11 11:39:03
东善桥林场本部	KP2H22030220	1	Terminal logged in	2023-08-11 11:38:29

7.2 Operation Log

View the operation records of the accounts of the current organization and subordinate organizations on the cloud platform, or click the icon in the upper left corner to export the table.



Operate user	Function	Describe	Operate time
huang	admin/Publish/add	Added publishing success <HUANG-604-20230811114323>	2023-08-11 11:43:23
huang	admin/Material/upfile	File uploaded successfully <eaUn2a.jpg>	2023-08-11 11:38:14
huang	admin/Material/add	Add footage successfully <eaUn2a>	2023-08-11 11:38:14
huang	admin/Access/editUser	Edit user success <tiyan>	2023-07-24 09:51:11
huang	admin/Publish/add	Added publishing success <HUANG-604-20230626134653>	2023-06-26 13:46:53
huang	admin/Play/add	Add program success <Yue Ran Gold screen 0626>	2023-06-26 13:46:53
huang	admin/Publish/add	Added publishing success <HUANG-604-20230626134008>	2023-06-26 13:40:09
huang	admin/Play/add	Add program success <Yue Ran Gold screen 0429>	2023-06-26 13:40:08

7.3 Terminal Log

View the accounts of the current organization and subordinate organizations. Query the operation records of the terminal device on the cloud platform (only support querying the log of the terminal device in the last month), or click the icon in the upper left corner to export the table.

The screenshot displays the 'Terminal' section of the Kares Management System. The top navigation bar includes 'Material', 'Programme', 'Terminal', 'Check', and 'View More'. The main content area features a search bar with a date range selector (2023-07-11 to 2023-08-11) and a search input field. Below the search bar is a table of terminal operation records. The table has six columns: Coding, Types, Content, Operation object, Operation information, and Operate time. The records show various operations such as '重启' (Restart), '板载继电器' (On-board relay), '开机' (Power on), '节目切换' (Program switching), and '素材' (Material). The bottom of the table includes a pagination bar with page numbers 1 through 497.

Coding	Types	Content	Operation object	Operation information	Operate time
45	重启		Android	app:Android version:0.0 ip:192.168.43.3 user-agent:okhttp/3.10.0 uri/reboot	2023/08/10 10:02:16
46	板载继电器	J000	计划任务		2023/08/10 10:03:03
47	开机	开机	开机		2023/08/10 10:03:03
48	节目切换	节目1	计划任务		2023/08/10 10:03:03
49	素材	9ca23e6a051b495cc7998b798f04b5de.mp4			2023/08/10 10:03:03

app:Android version:0.0 ip:192.1

8. Advanced Management

8.1 Organizational Structure

- (1) The content of the organizational structure can be added or deleted here (It is similar to group management, but accounts between organizations at the same level cannot view each other's content).
- (2) The currently newly added organizational structure can be used for the selection of organizational structures such as adding devices and adding users.

StructureName		Operate		
System		+	🗑️	✅
测试1		+	🗑️	✅
湖南省分公司		+	🗑️	✅
长沙办事处		+	🗑️	✅
北京办事处		+	🗑️	✅
北京桐城办事处		+	🗑️	✅
南京办事处		+	🗑️	✅
南京五台山办事处		+	🗑️	✅
广东省		+	🗑️	✅
北京		+	🗑️	✅
厦门市区		+	🗑️	✅
街道1		+	🗑️	✅

8.2 User Management

- (1) User--To add a new user, click the "Add" .



Structure Grouping		Please enter your account				
System		+ New accounts				
测试1						
湖南省分公司						
长沙办事处						
北京办事处						
北京桐城办事处						
南京办事处						
南京五台山办事处						
广东省						
北京						
厦门市区						
街道1						
社区1						
社区2						
街道2						

(2)

Organizational Structure: Select the organizational structure to be assigned to this user.

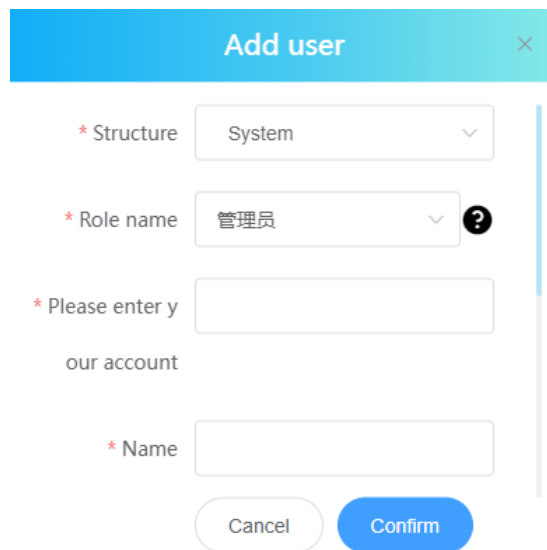
Role Name: Select the role of the user, and the role name corresponds to the operation authority.

Account: The login name.

Name: The name of the operator can be entered as an identification.

Password: Set the password of the account.

E-mail: Bind the e-mail for other purposes such as retrieving the password.



The image shows a modal window titled "Add user" with a close button (X) in the top right corner. It contains four required fields, each marked with a red asterisk (*):

- Structure:** A dropdown menu currently showing "System".
- Role name:** A dropdown menu currently showing "管理员" (Administrator), with a question mark icon to its right.
- Please enter your account:** A text input field.
- Name:** A text input field.

At the bottom of the form are two buttons: "Cancel" and "Confirm".

8.3 Review

(1) Add personnel with review authority to review materials, programs, and releases. (Accounts between organizations at the same level cannot review each other, and accounts between higher-level organizations can review lower-level organizations).

