Kares Cloud Releasing System

Pandora

Version:v2.1
Release Date:September 2022
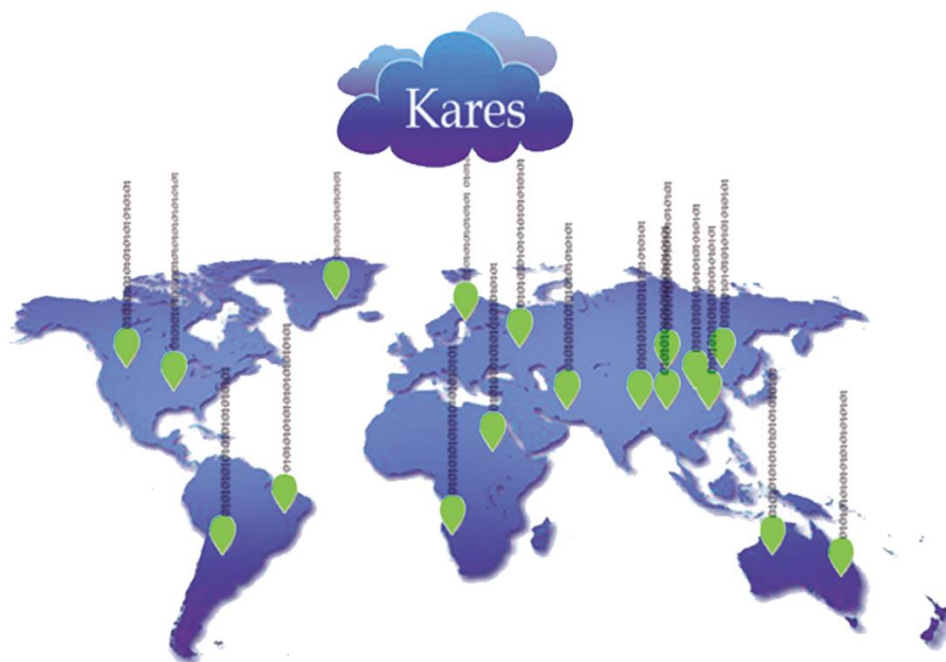
Manual

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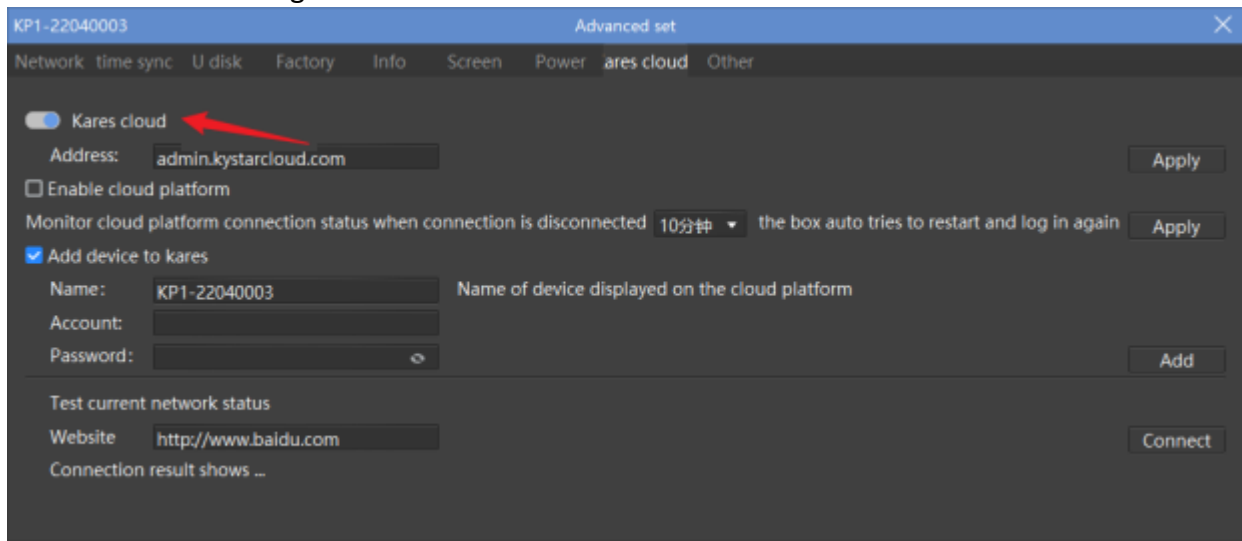
This operation requires ensuring that the Kares function of the device is enabled.

It can be found in "Terminal Details — Kares Cloud":
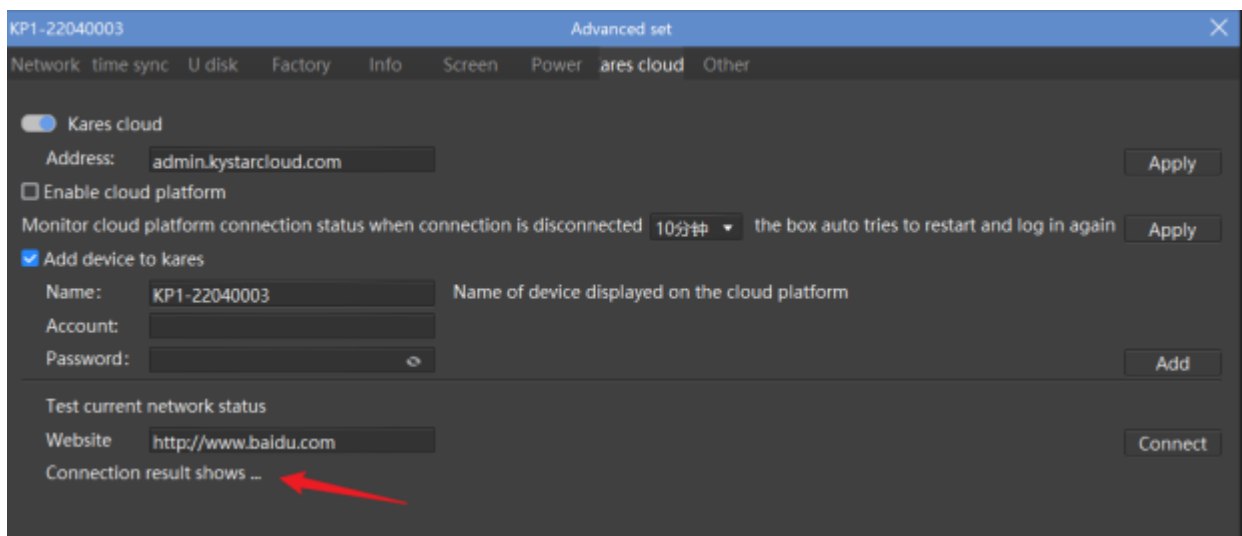
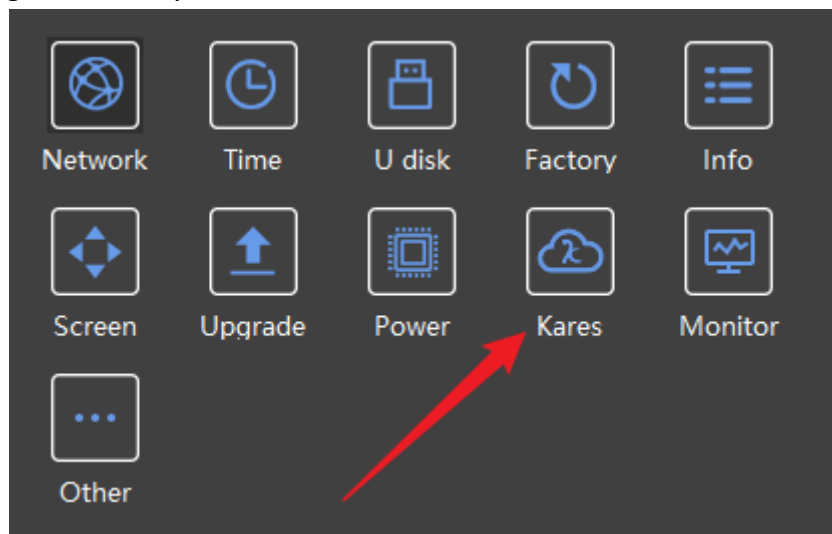For other details, please read the instructions below.

Contents

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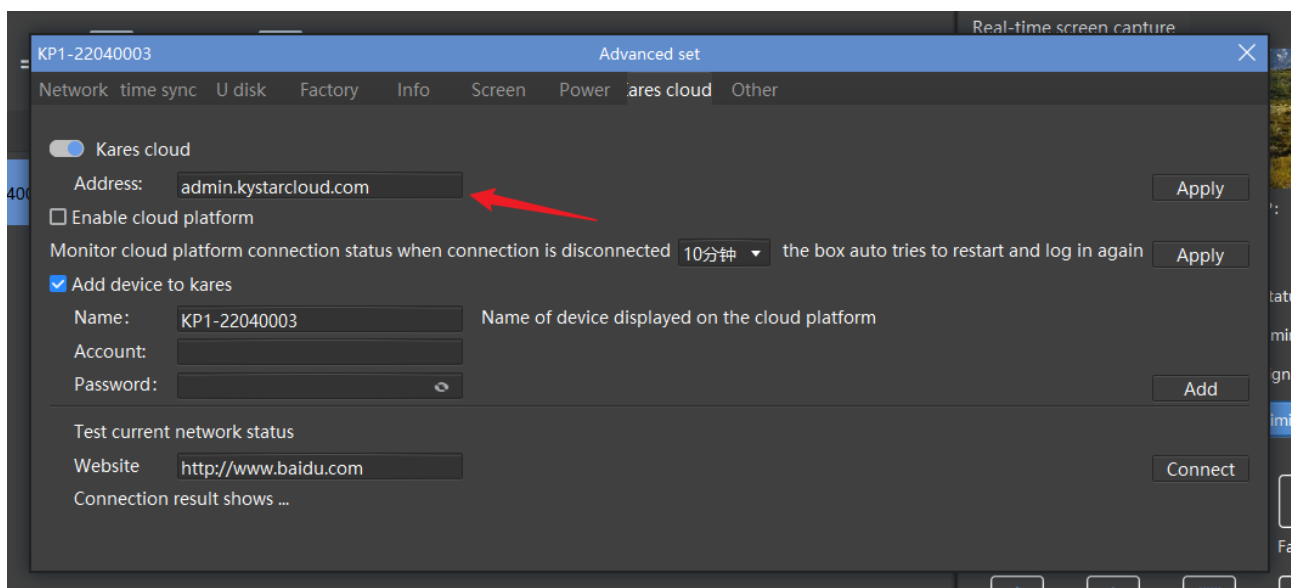
(3) Check "Add device to Kares account", enter the Kares account and password correctly, and click Add. The device will be automatically added to the Kares account.

(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.

(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).

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).

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.
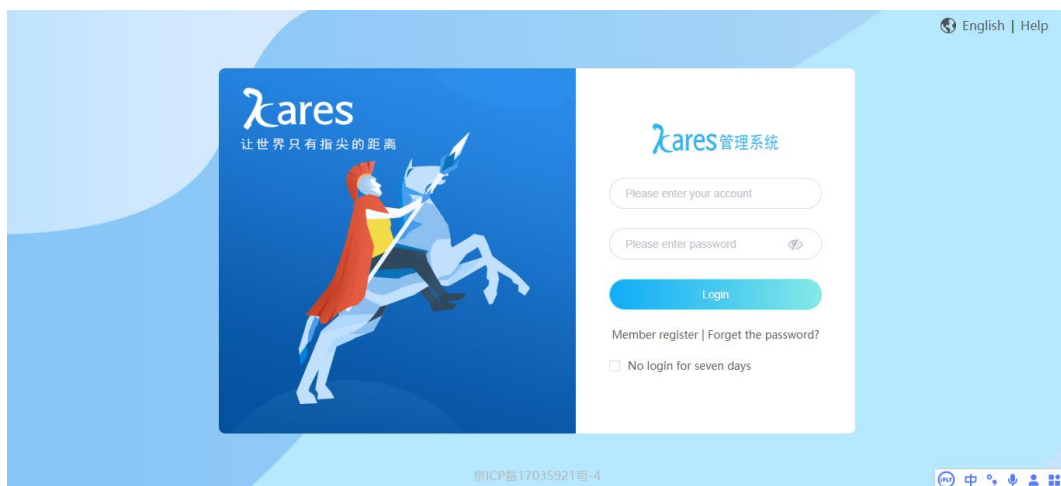
(2) Enter a valid username and password.

(3) Click "Login" to login the system. In the login state, click "logout" to log out of the system.
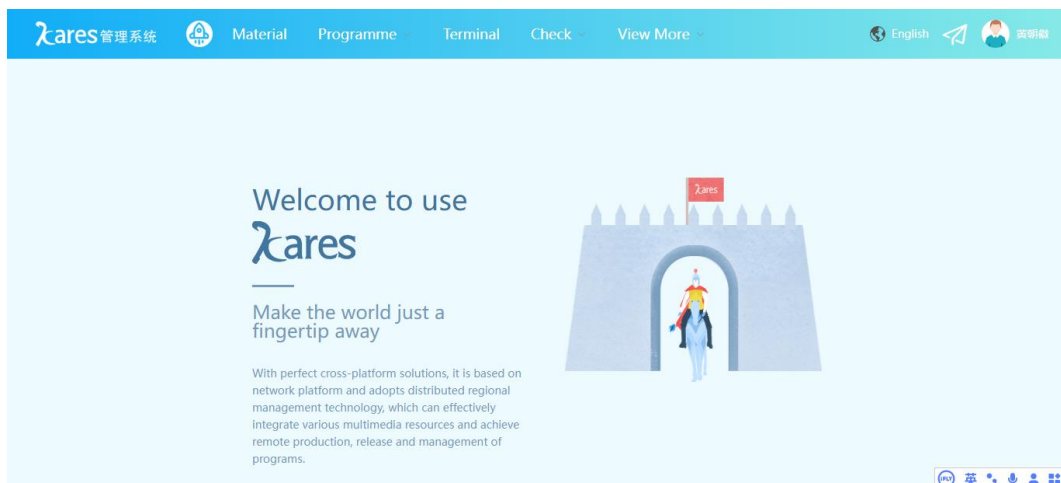
3.Introduction to Kares Functional Modules

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.

Programme ∧

Edit Programme

Publish Programme
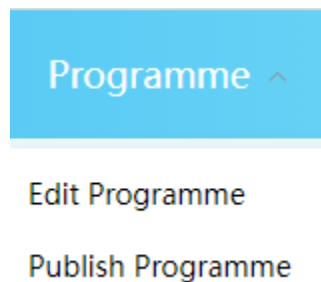
Terminal management

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.

Check ∧

Material

Programme

Publish
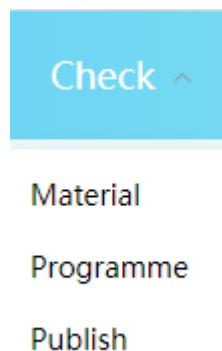
Log management

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.
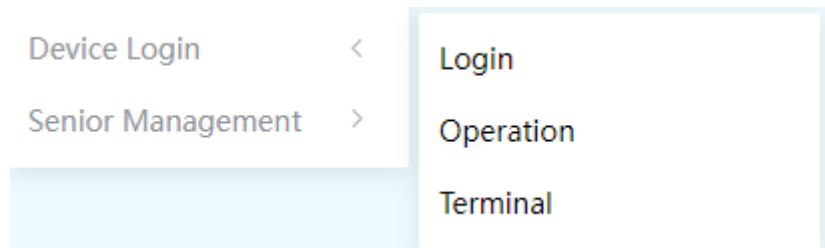
Advanced management

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

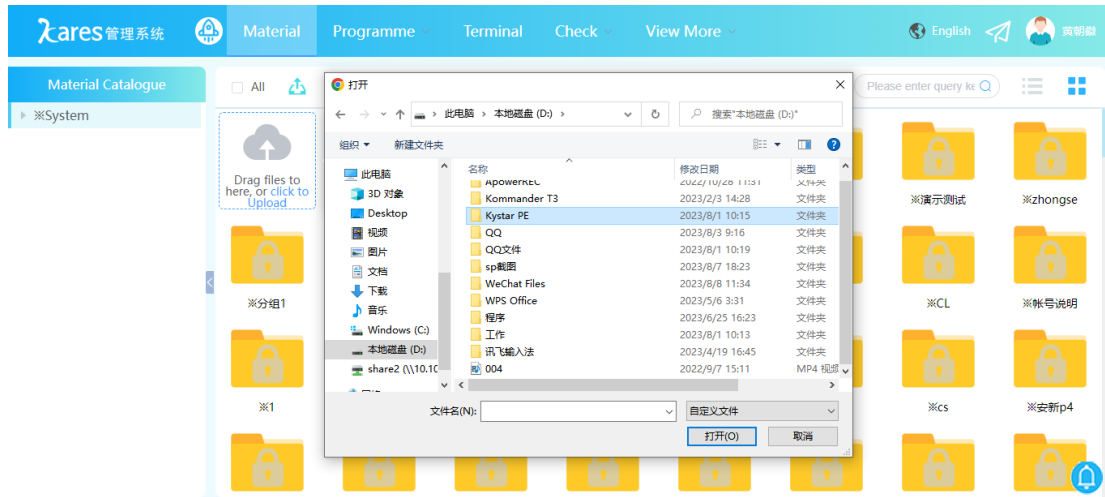User management: You can add/modify users and assign user role names to this account.

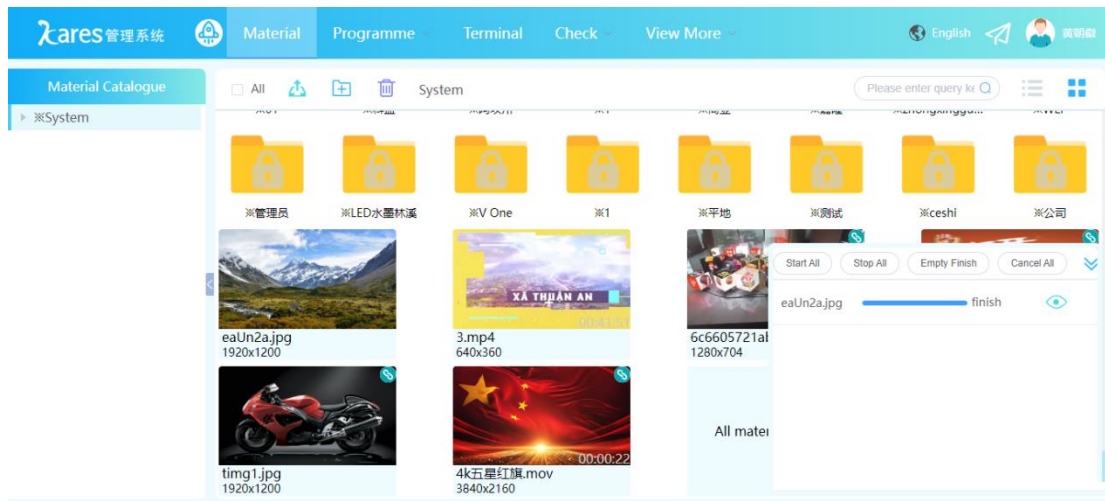Review Settings: You can add material and program, and release review personnel.
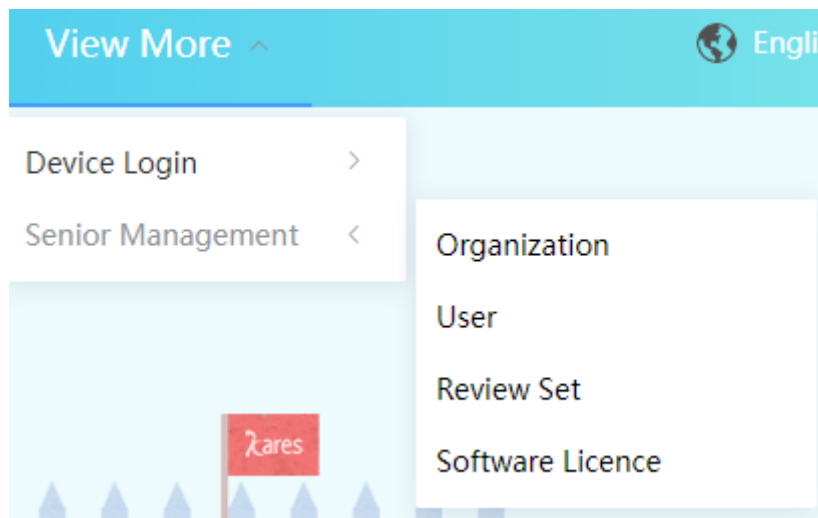
4. Program Management

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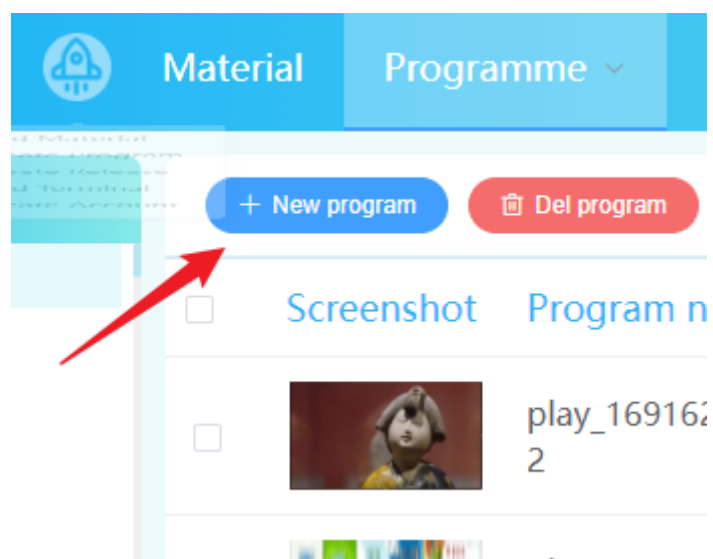
(2) Fill in the program name and screen resolution as required

(3) Program layout
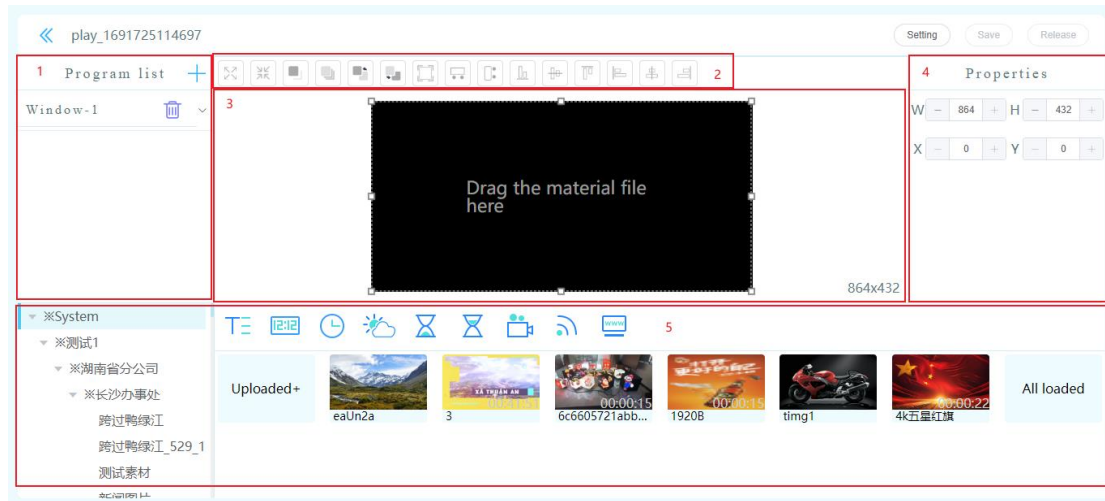
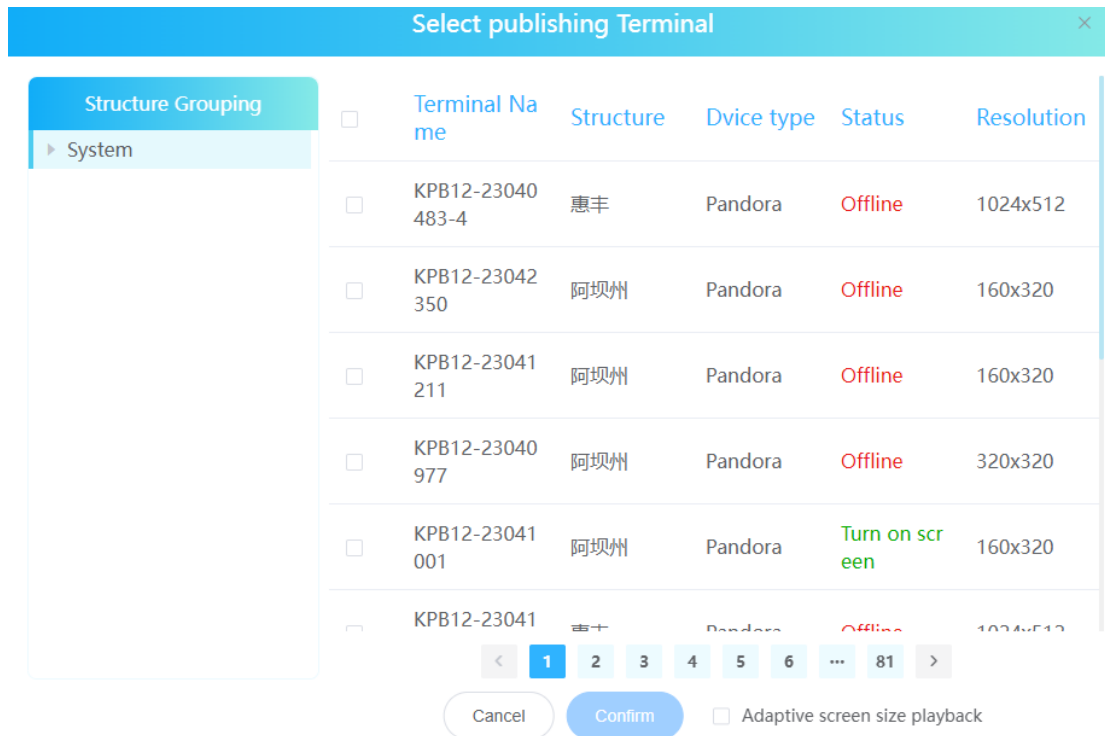   1. Program list

      2. Functional area

      3. Edit preview area

      4. Window material properties

      5. Material area

(4)   When the program is edited, click Release.
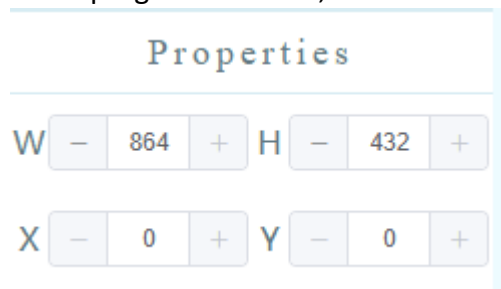
      You can also save the show for "advanced releasing"

(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).
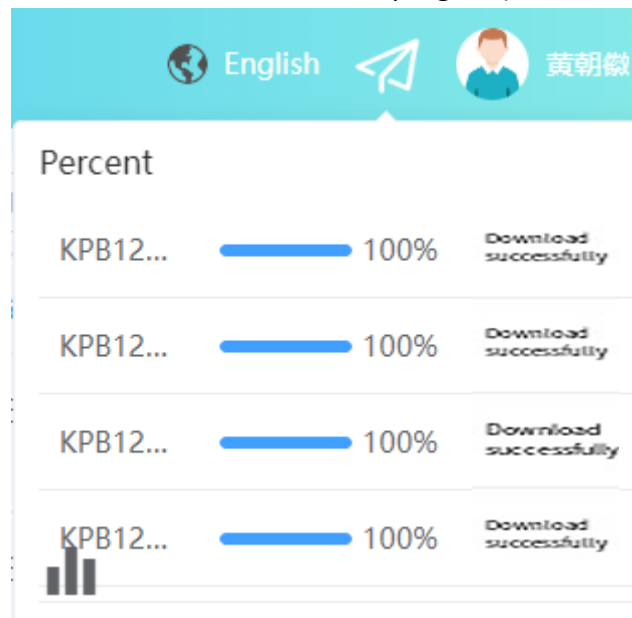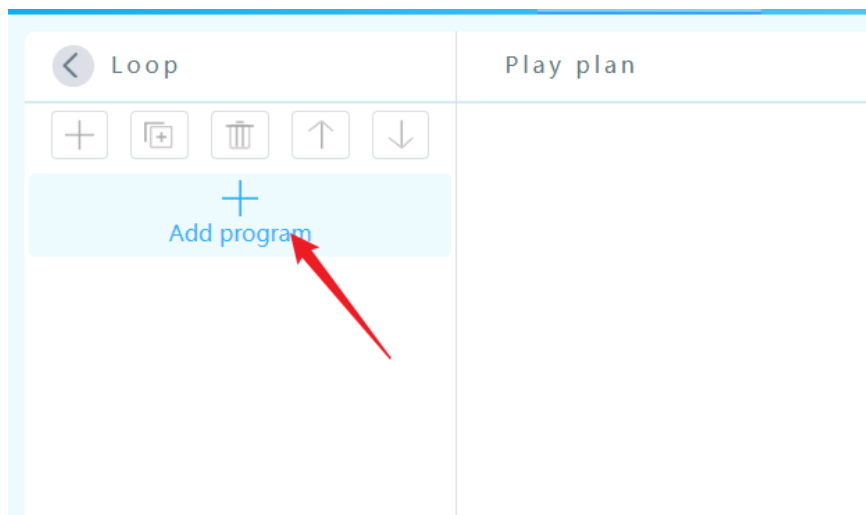

4.3 Advanced Releasing

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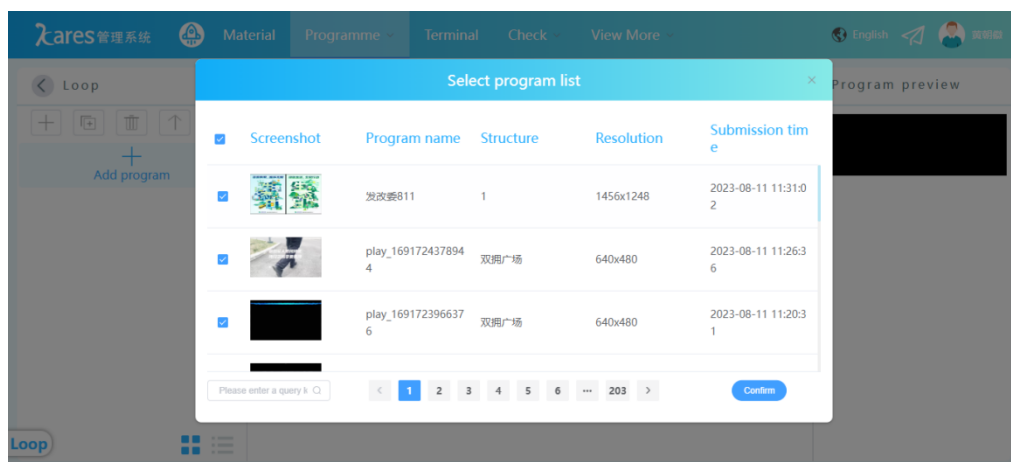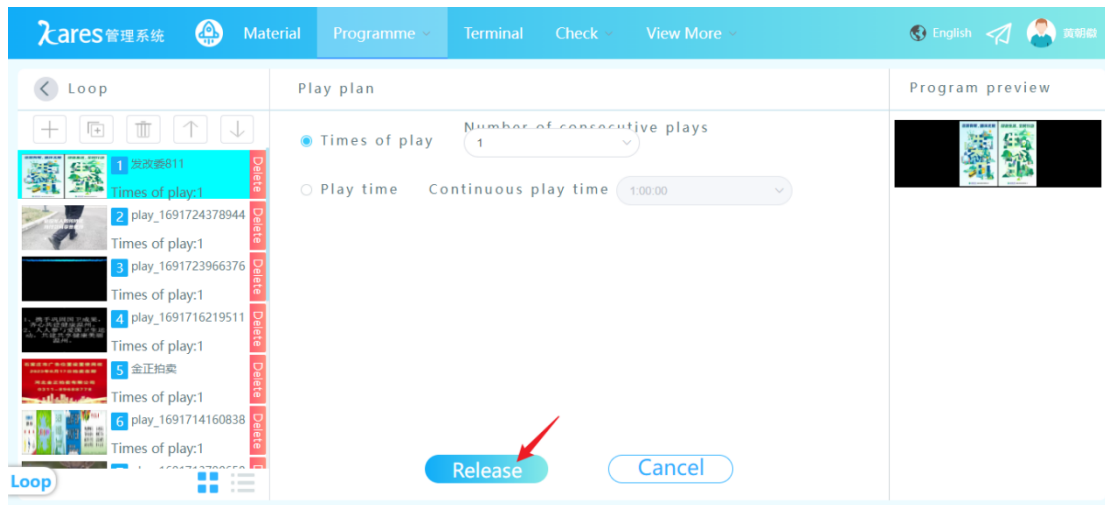Select the type of releasing you want.
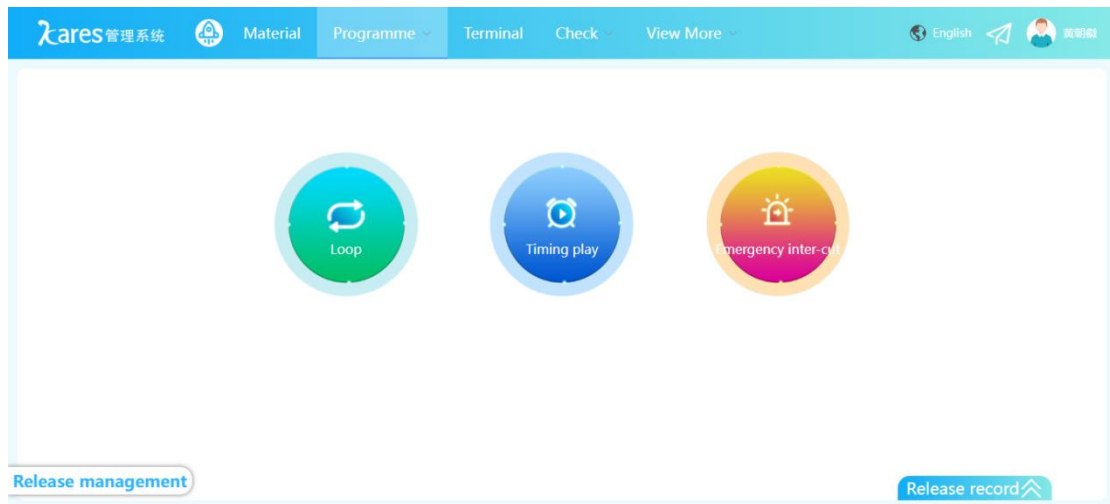
4.3.1 Loop

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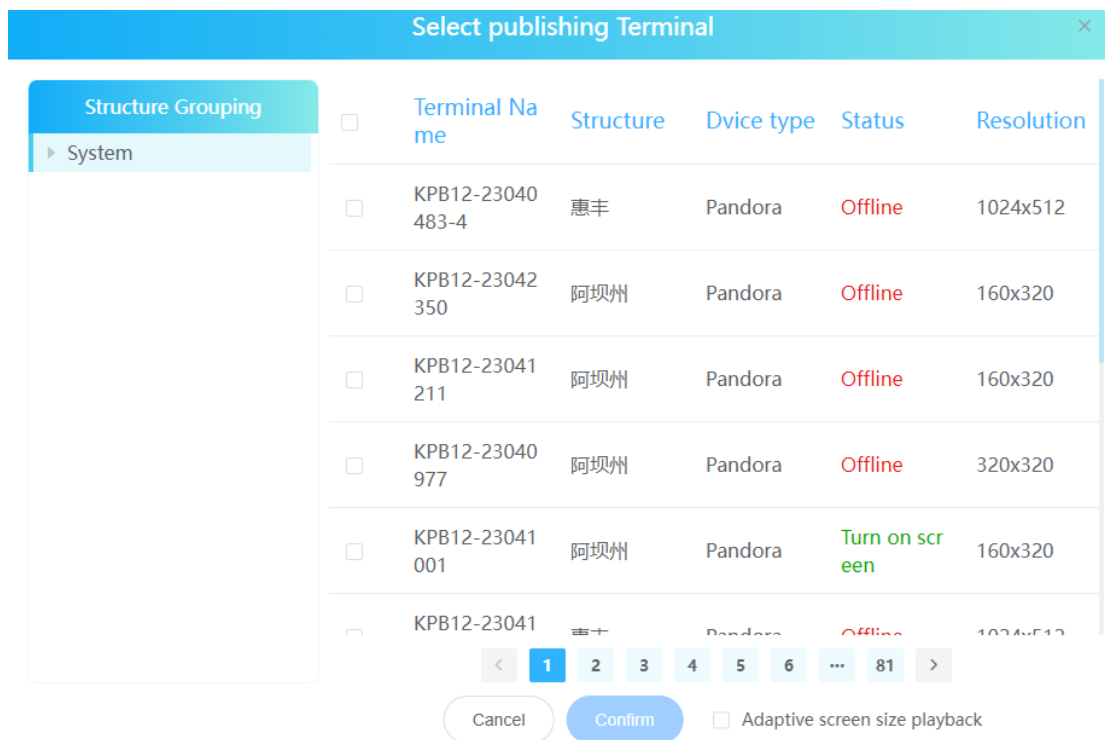

(2) Choose program according the demands, then click Yes.
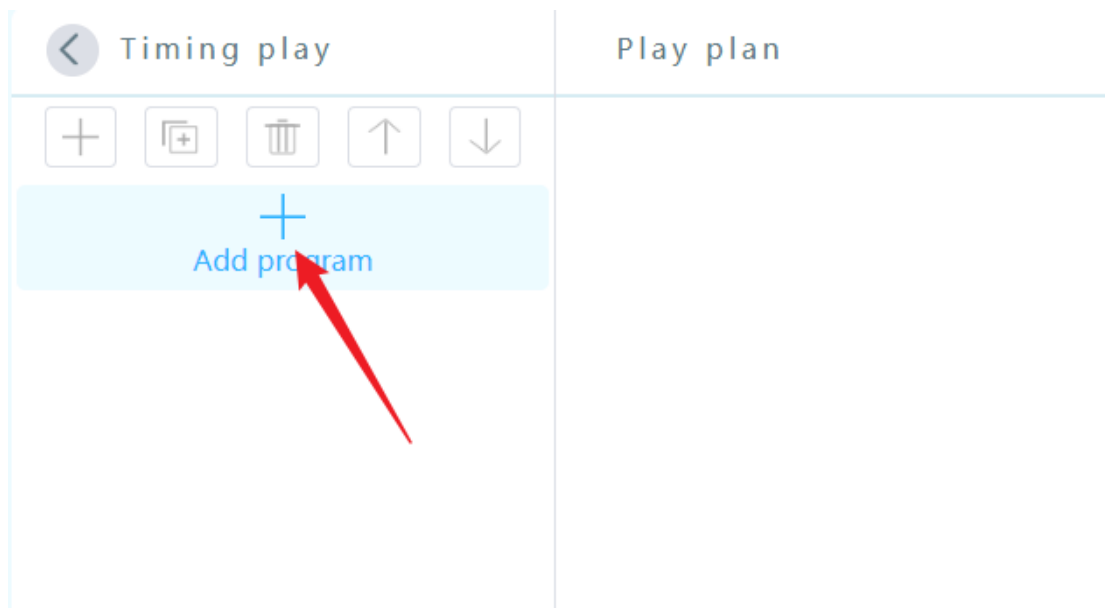
(3) Finish editing play program.

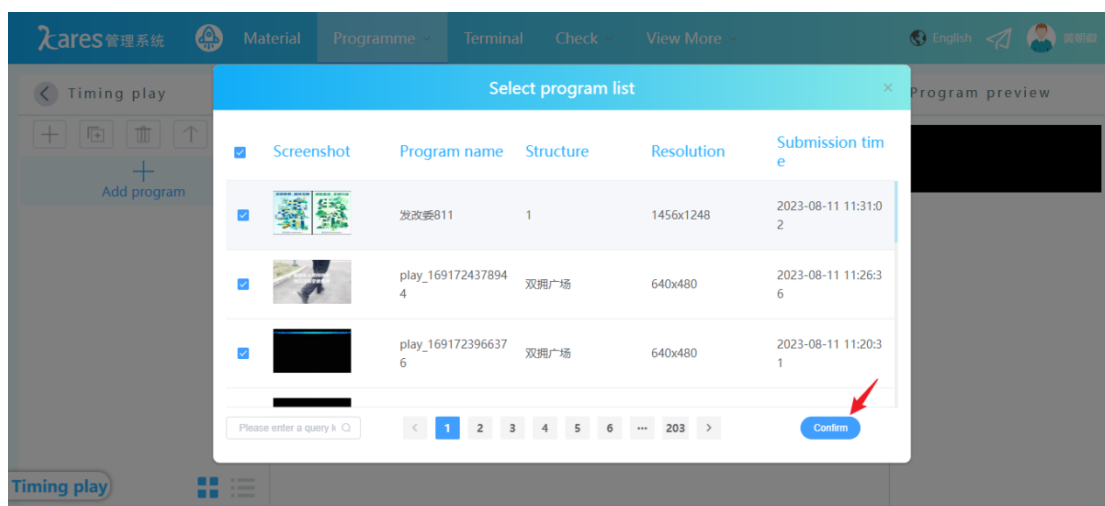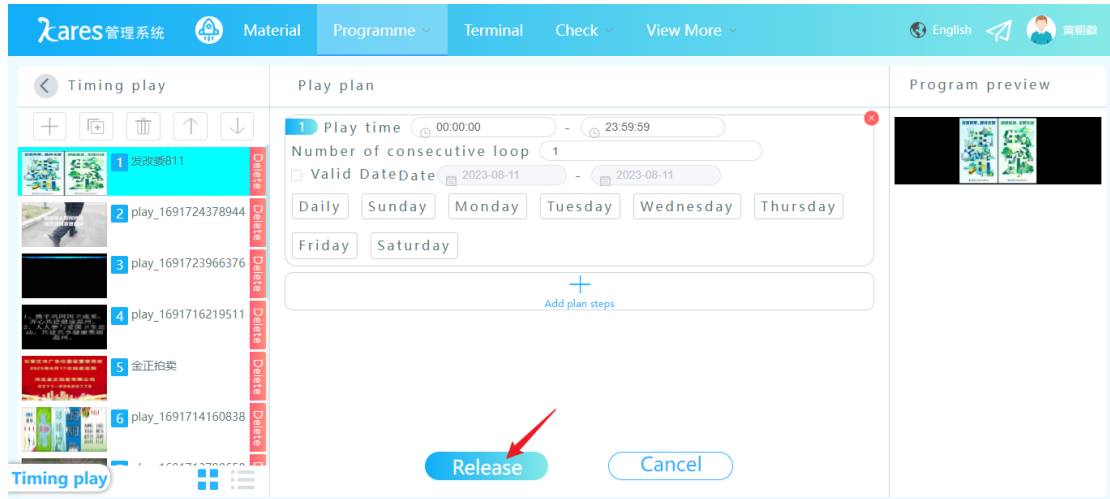(4) Select the terminal to be released.

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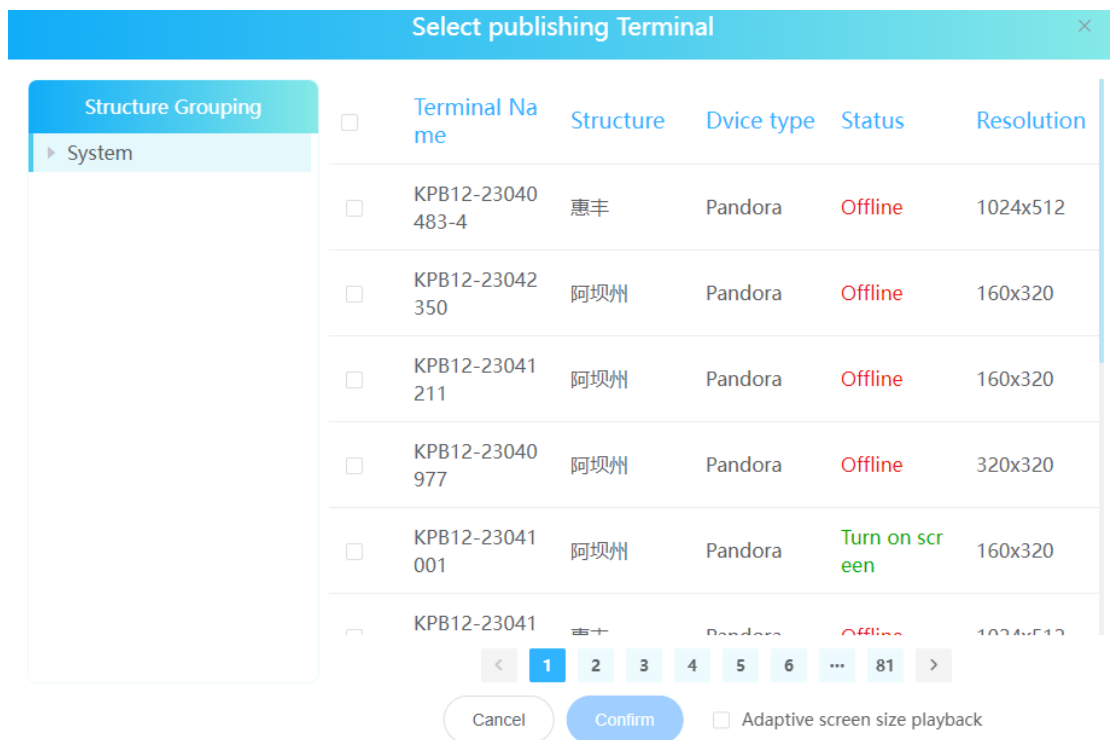
(2) Choose program according the demands, then click Yes.

(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
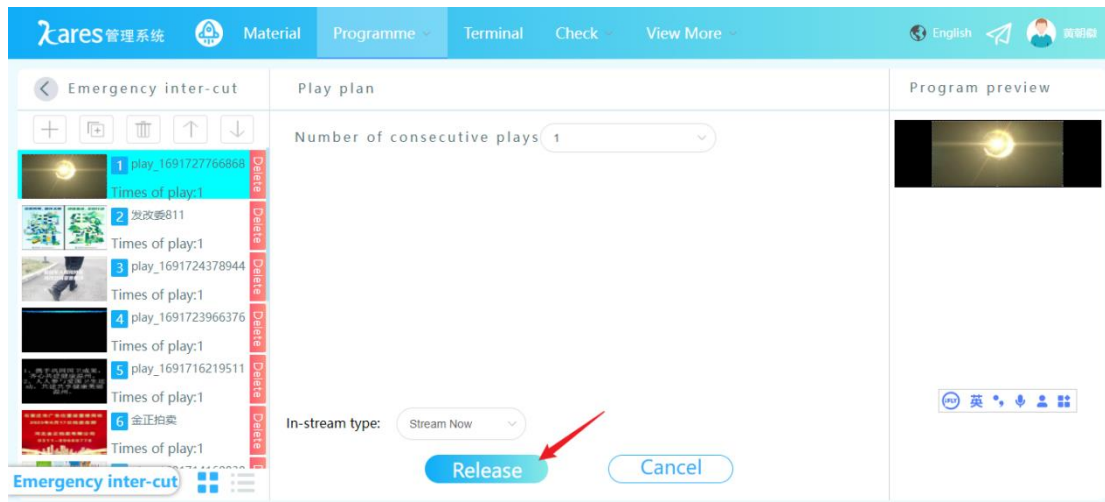
　　20：01- next day 8：00，play prgram 1

4.3.3 Inter Cut

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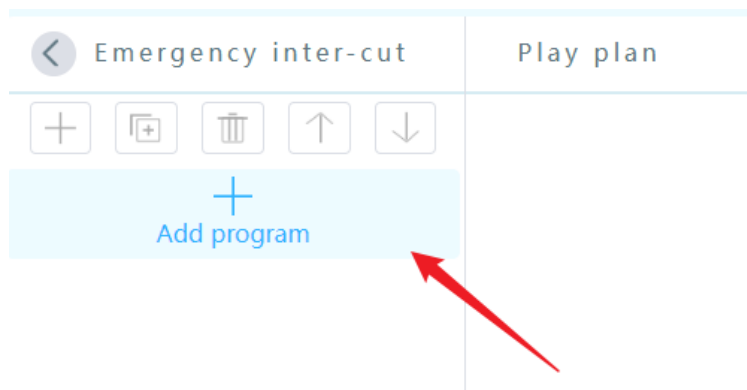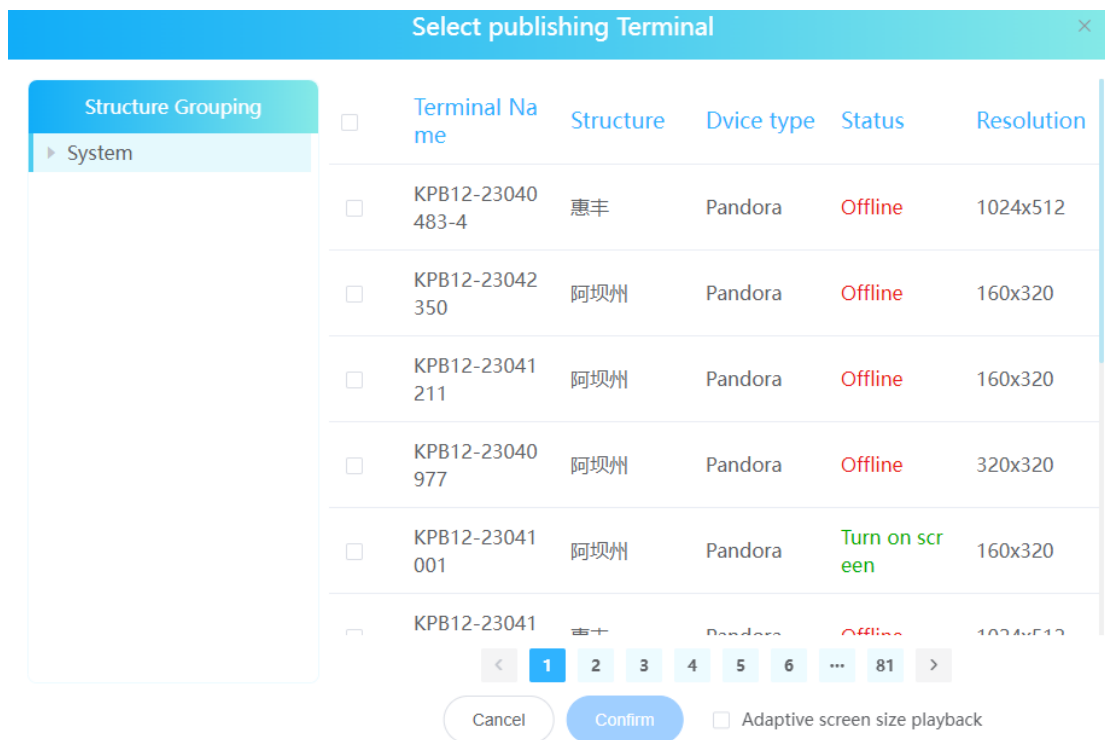

(2) Choose program according the demands,click Yes
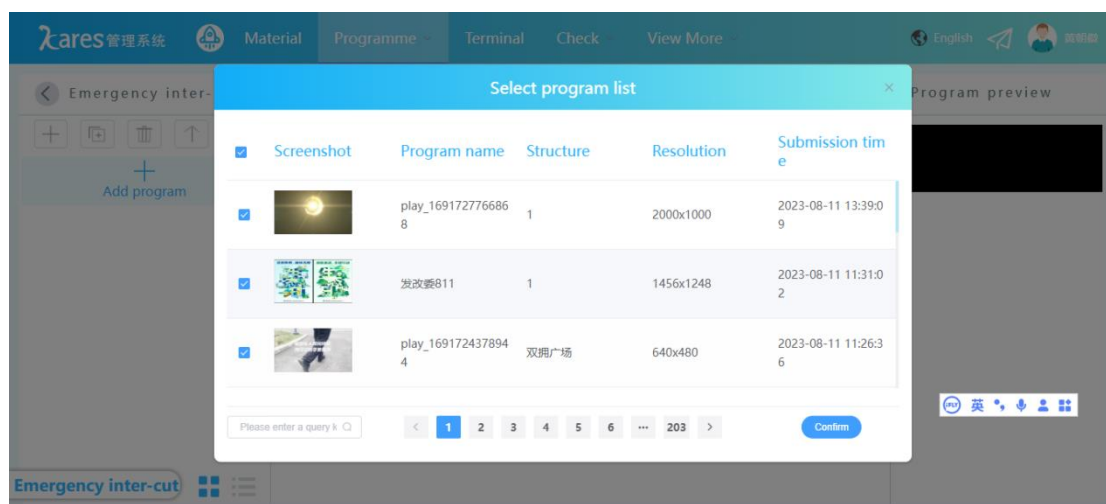
(3) Finish editing play program.
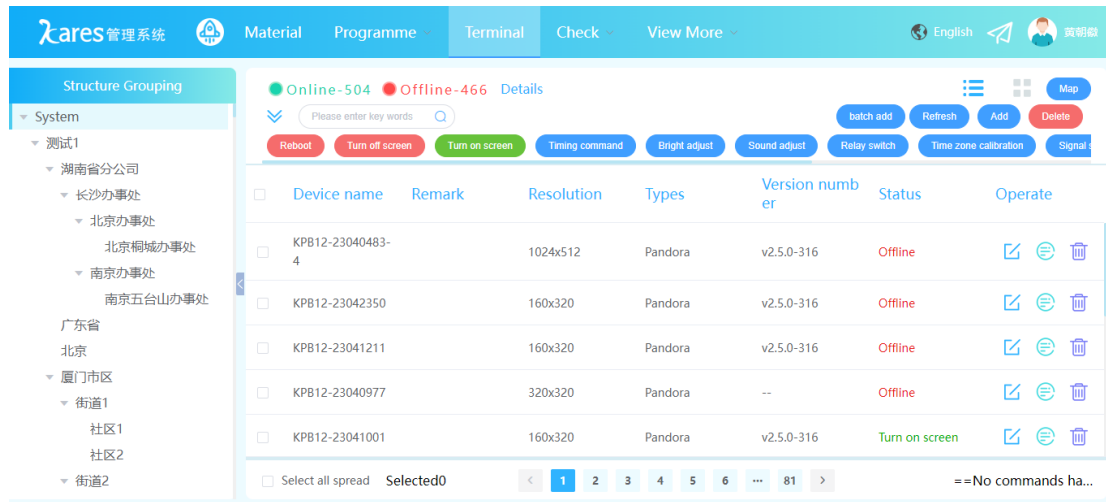
(4) Select the terminal to be published.

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

☰ ▦ Map : 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 sound/brightness of the current terminal device can also be modified.

5.2.1 Terminal Upgrade

5.2.2 Playlist

(1) View programs in the terminal

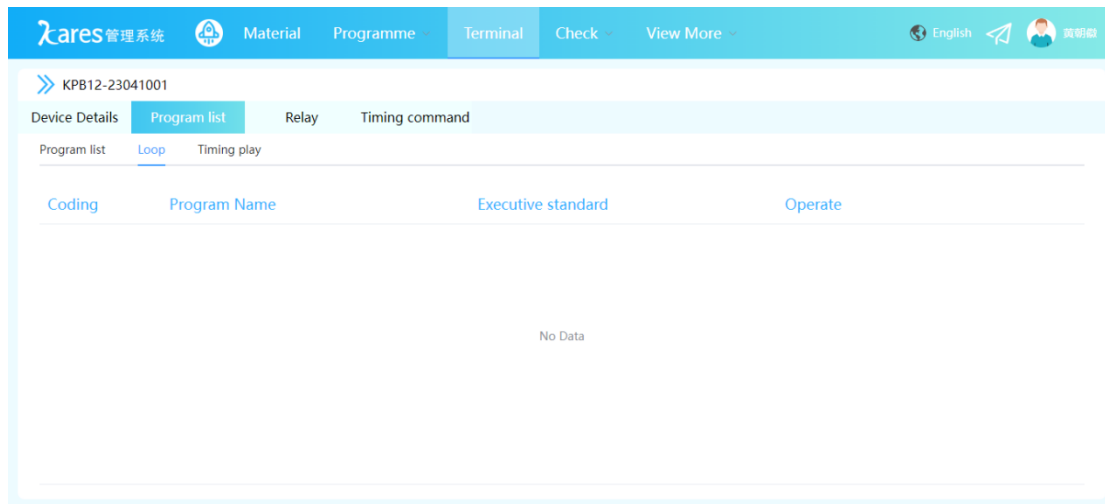a) The program list displays all the programs in the terminal device, respectively displaying the information sequence number, program name, and program duration. and can operate the program

b) 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
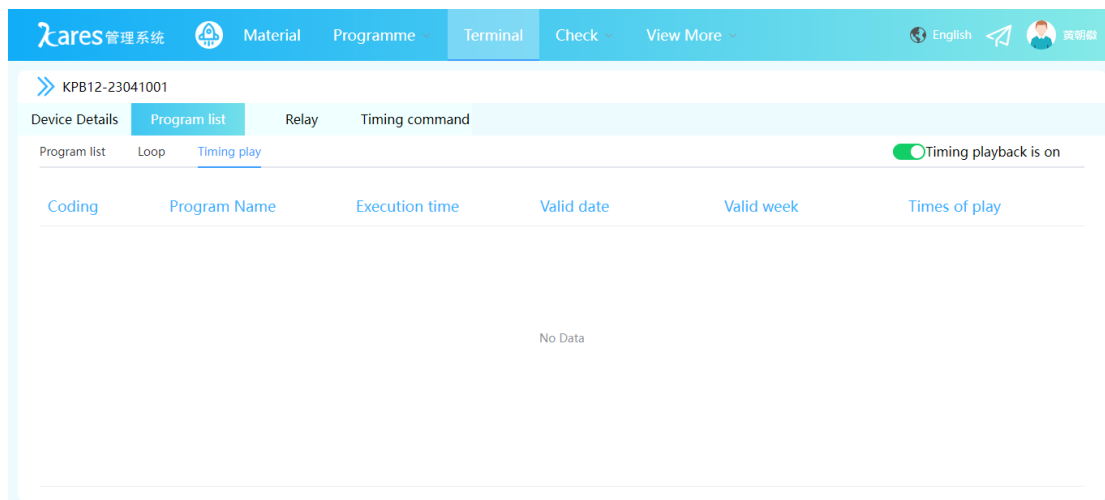
a) The list shows all the scheduled playback commands in the terminal device. The scheduled playback on this interface is aimed at the playback tasks in the terminal; the scheduled playback setting described in 4.3.2 is a platform release step, which needs to be released to the terminal device to take 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.
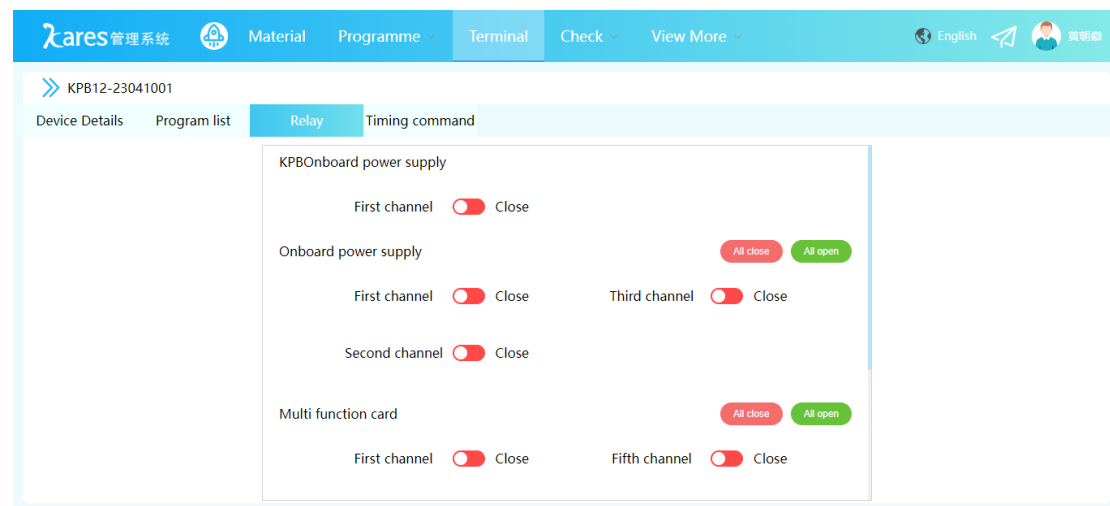
KPB Onboard power supply
First channel: Turn on /Turn off the first channel

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.

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
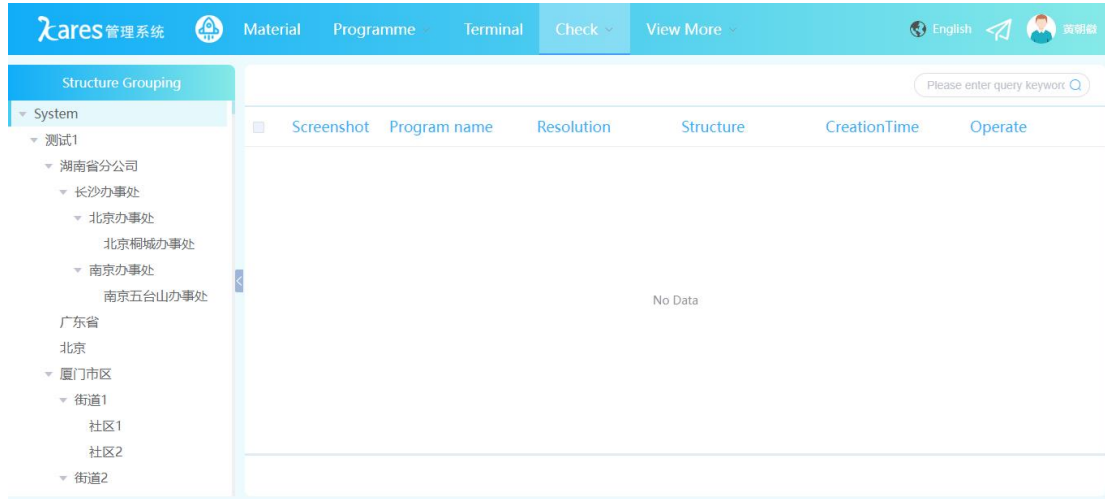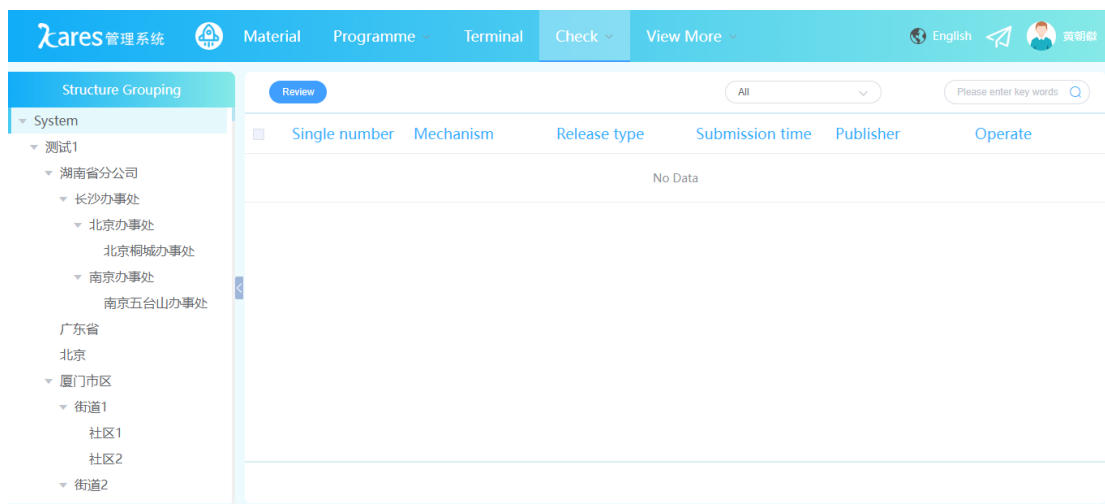
6.2 Program Review

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.
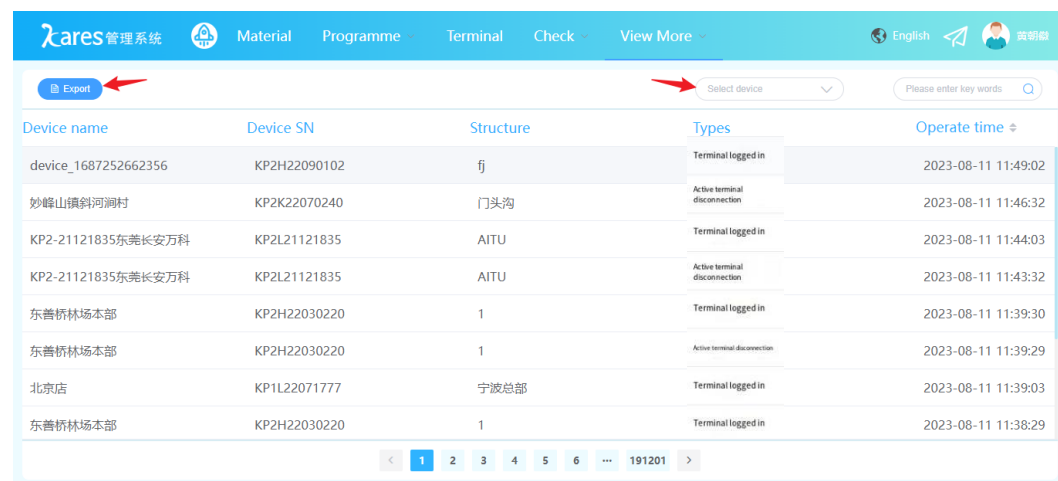
7.Log Management

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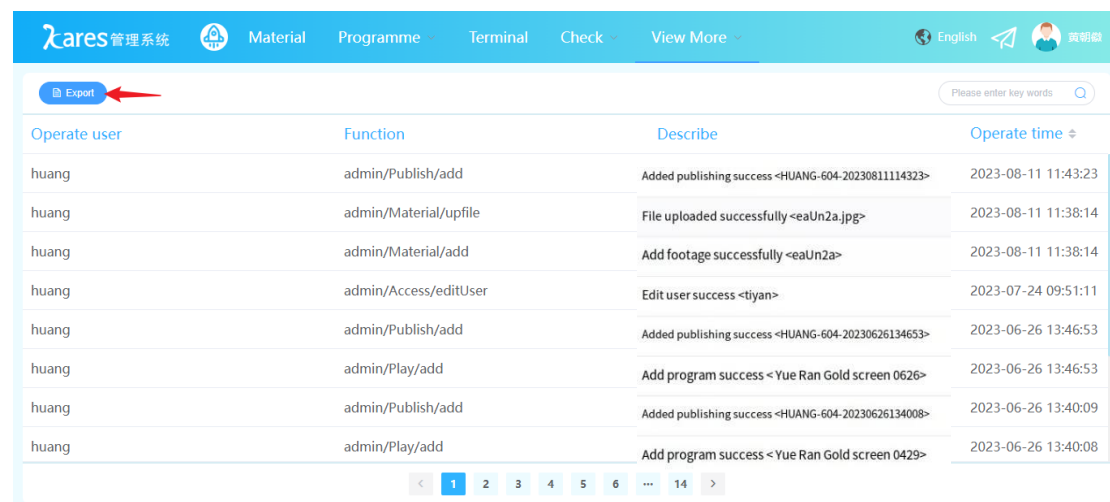
7.1 Login

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.

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.

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.

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	

1 2 3 4 5 6 … 497

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.

8.2 User Management

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

(2)

Organizational Structure: Select the organizational structure to be assigned to this user.
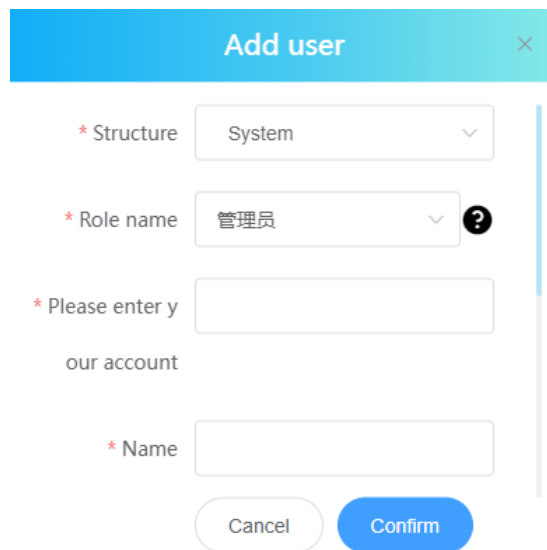
Role Name: Select the role of the user, and the role name corresponds to the operation authority.

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.

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).