

Hello, Welcome

This help will briefly show you how to use the software quickly

Outline

1/Introduction to the main interface 2/Learn some basic information
3/Authorize the software 4/Connect to the server
5/Content management 6/Content on demand
7/Scroll text management 8/Play via USB flash drive
9/Web background management 10/Managed by mobile phone
11/Parameter settings 12/Set the timer switch 13/FAQ

1/Introduction to the main interface

The screenshot shows a main interface with a dark background. At the top, there is a navigation bar with three icons: a back arrow, a document with a checkmark, and a question mark. Below this, there are two buttons: 'Content management' and 'Scroll text'. In the center, there is a 'Hello, Welcome' message, a QR code, and a 'Quick Setup' button. At the bottom, there are four buttons: 'More Settings', 'System Settings', 'Boot/shutdown', and 'Exit'. Callouts provide detailed explanations for each of these elements.

Menu and return button

Run status icon, four status three colors, green normal, red exception, orange warning

Three function icons: on-demand, information and help
On-demand: turn on the on-demand function
Information: Open the application status information interface
Help: Open this help interface

Content Management: Open the content management interface, which can manage the content on the device or import the image video into a playable content.

Scroll text: Open the scrolling subtitle management interface, which can manage the rolling subtitles on this device.

QR code: The mobile phone scans the QR code and opens a simple management interface. Through this interface, the video on the mobile phone can be sent to the terminal for playback. You can also quickly set up the device, download the content or simulate the mobile phone as a remote control. Operating equipment

Quick Setup: Open the Quick Setup dialog
How to use: Open this help interface

Hide the menu button in the upper left corner, hide and press and hold the area to display the menu interface.

If checked, press the remote control return button twice to exit the application.

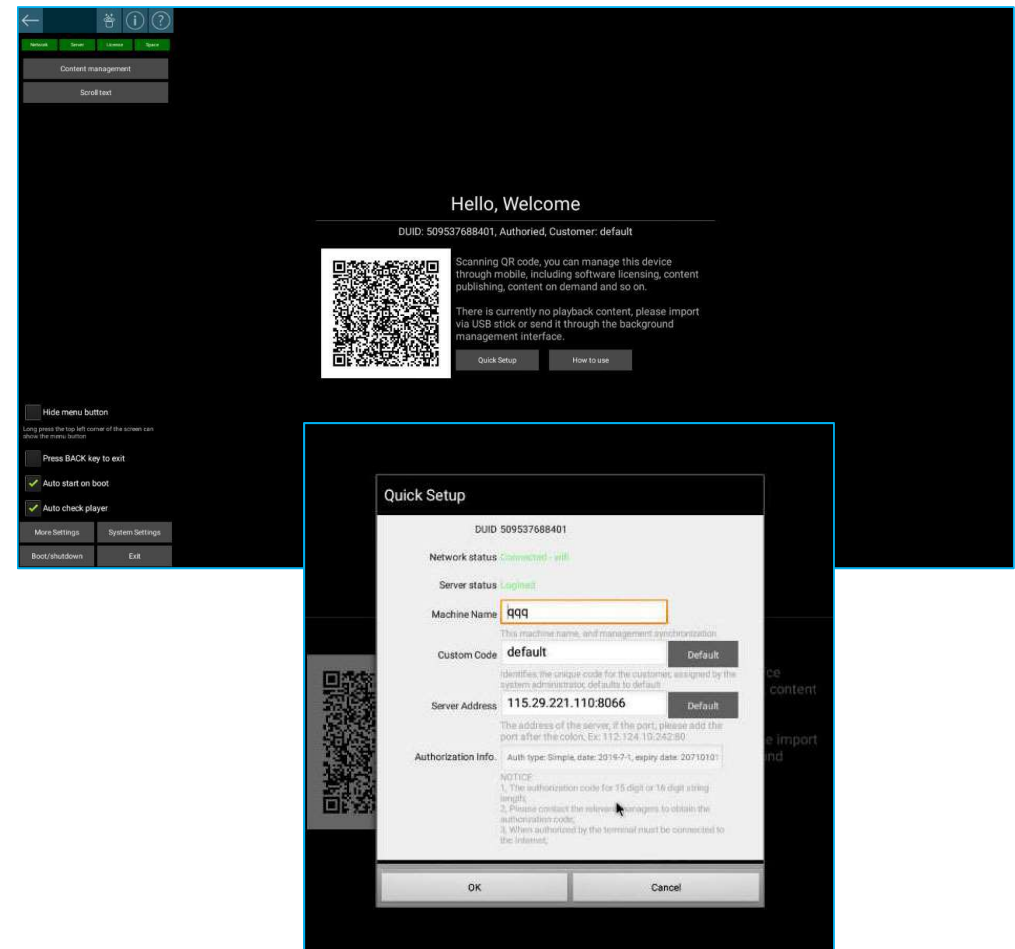
If checked, the software will run automatically after the system is turned on.

If checked, no touch or remote control will automatically pull up the application for two minutes.

More settings: enter more settings interface; system settings: open the Android system settings interface; time switch machine: enter the setting timer switch interface; exit: exit the application

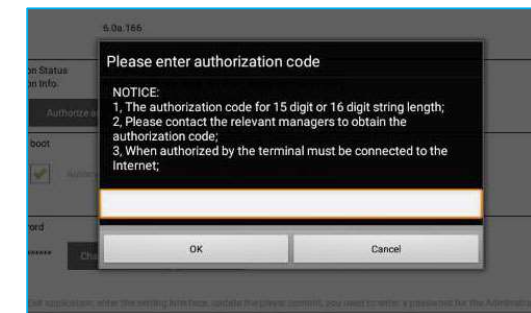
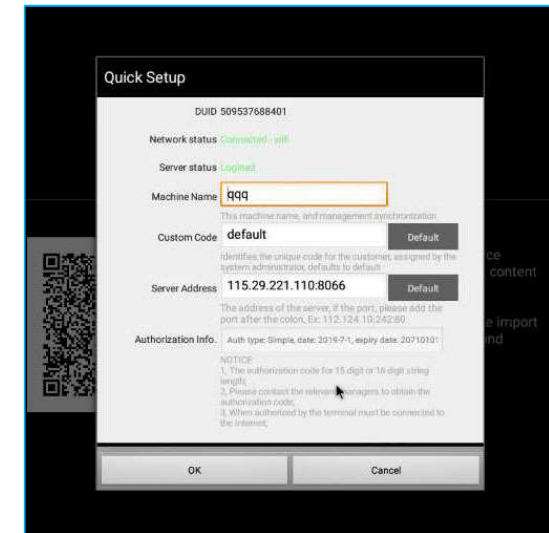
2/Learn some basic information

- The first key information to understand
 - Determine whether the terminal network is connected to the server network.
 - Determine the interface server address and port
 - Identify your customer code
 - Need to authorize the terminal
- Understanding terminal DUID, terminal number
 - Each terminal device has a unique DUID, which is a unique hardware-related code.
 - After each terminal device accesses the service background, it will get a terminal number, and the terminal number is unique on a set of platforms.
- These connection parameters can be modified on the quick setup page, connection setup page or device information page on the terminal.
- The terminal needs to actively connect to the interface server, and the service background can see the terminal.



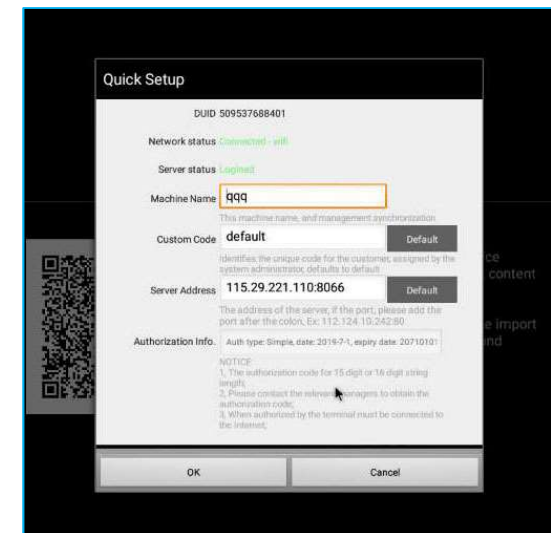
3/Authorize the software

- Prerequisites for software licensing
 - The device is connected to the network. If it is not connected yet, please connect to the network through System Settings / Network Settings.
 - The device has access to the Internet and can be verified by opening the <http://bing.com> website via the built-in browser.
- There are several portals on the interface for software authorization.
 - Fill in the authorization code on the Quick Setup screen.
 - "Apply for Authorization" button on the "More Settings / Device Information" screen
 - Request Authorization button on the Status Information screen
 - The mobile phone can also be authorized by mobile phone after scanning the default interface or the QR code on the status information interface.
 - For the above four authorization portals, just do one of them.
 - Or if the device is authorized at the factory, then you do not need to do the above authorization.
- Can also be authorized by U disk
 - Create a file viksn.txt in the root directory of the USB flash drive, where the content is an authorized serial code, and the authorized serial code needs to be obtained from the software vendor.
 - Insert the USB flash drive into the motherboard. If it is normal, a dialog box will pop up, you can select the USB flash drive authorization, and the authorization result will have a pop-up window reminder.
- If the device does not have access to the Internet, then authorization is required through the authorization file.
 - The authorization file is a file with the extension dek and is required by the software vendor.



4/Connect to the server

- Prerequisites for connecting to the server
 - The device is connected to the network. If it is not connected yet, please connect to the network through System Settings / Network Settings.
 - The network between the device and the server is the same. It can be verified by opening the management background login interface through the built-in browser of the system.
- The default cloud platform interface address is 115.29.221.110:8066
- If it is a self-built server, the server address for installing the server software is the interface address, and the default port is 8066.
 - For example, if the server IP of the server software is 192.168.1.100, the interface server to be filled in the terminal should be 192.168.1.100:8066.
- The default client code is default. If it is a self-built server, use this client code to connect to the background to see the terminal.
- If you are using our cloud platform, you need to fill in the correct customer code. The customer code is generated by adding the client to the cloud platform and needs to be generated by the platform administrator or your superior customer.
- There are several portals on the interface to set the connection server parameters.
 - On the Quick Settings screen
 - More Settings / Connection Settings interface
 - The mobile phone can also set the connection parameters through the mobile phone after scanning the default interface or the QR code on the status information interface.
 - For the three entrances above, just do one of them.



5/Content management

The screenshot displays a content management system interface. At the top, a toolbar includes buttons for 'A-monitor', 'B-monitor', 'Play mode', 'Idle', 'Interval', 'Fixed time', and 'Event'. Below this is a 'Content list' area showing two thumbnails: 'Jan_Frans_van_Son_(Attr)_Still-life_with_Fruit_Flowe' and 'Van_Gogh_-_Starry_Night_4.jpg'. A callout 'Add content, support adding images, videos, and content packages exported from the server background' points to a '+' button. Another callout 'Delete this content' points to a trash icon. A third callout 'Play this content' points to a play button. A large callout 'Editing area of content parameters' points to a detailed settings panel on the right. This panel includes fields for 'Base info' (ID 3, Type Image, File size 4.34MB, Resolution 4832x2718), 'Duration of play' (15), 'Template and area' (1/A), 'Valid date' (Play date), 'Only on that days' (checkboxes for Monday through Sunday), 'Day schedule' (Play mode: Idle), and 'Others' (Play mark, Mute: OFF, Play at B-monitor: OFF, Original ratio play: OFF, Disable Gwldout: DEF). A callout 'Content filtering' points to a search bar.

Add content, support adding images, videos, and content packages exported from the server background

Delete this content

Play this content

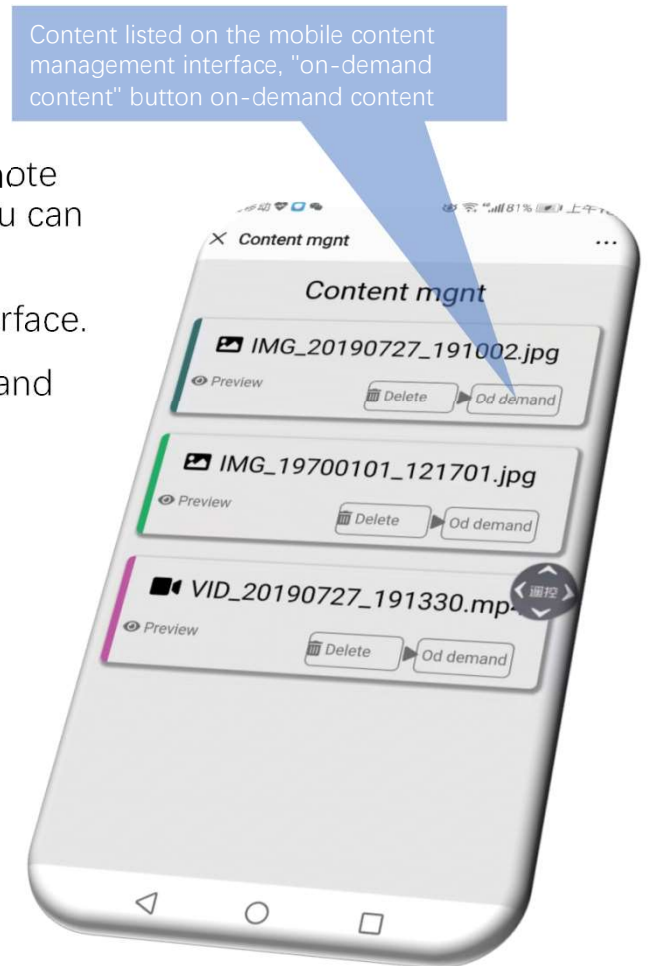
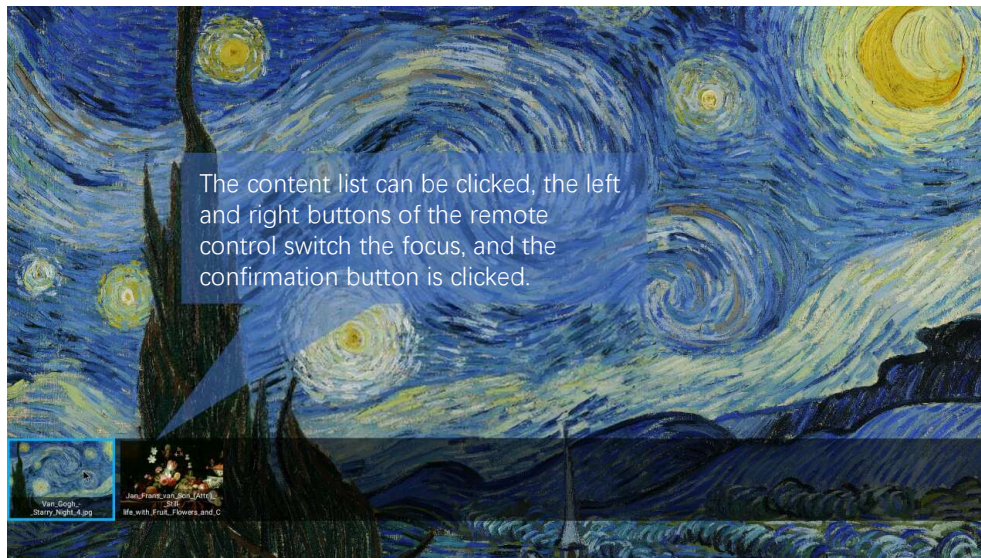
Editing area of content parameters

Content filtering

Content list

6/Content on demand

- In the content playback mode, press and hold the “down” button on the remote control to enter the content on demand mode. In the on-demand mode, you can select the content to play.
- Content on demand can also be done through the mobile management interface.
- The on-demand icon on the menu interface also opens the content on demand mode.



7/Scroll text management

- Enter through the "scroll subtitle" button on the menu interface
- Scrolling subtitles can be set on the terminal

Scroll text 2019-07-31 08:00 → 2019-07-31 22:00

Scroll text

welcome abc!

Font size and color

Font size: Middle Font color: Background color: Transparency:

Play location and speed

Location: Bottom of screen Speed: Normal

Play mode and parameters

Play mode: By time

Start time: 2019-07-31 08:00 End time: 2019-07-31 22:00

Save Cancel Pause Delete



8/Play via USB flash drive

- Three steps of U disk playback
 - Copy pictures and videos to a specific folder on the USB flash drive
 - U disk is inserted into the device USB port
 - Pop-up menu to start playing automatically
- Two U disk playback modes

1. Automatically copy and play U disk images, videos and content packs

Copy the image, video or background content package that needs to be played to the **ContentDir** folder in the root directory of the USB flash drive (note the case), insert the USB flash drive into the U port of the device. Under normal circumstances, a dialog box will pop up. Select "Auto Copy Folder ContentDir", it will automatically copy all the pictures and videos in this directory to SD, and then play it automatically.

For picture video files, you want to specify the order to play, the file names should be named in order.

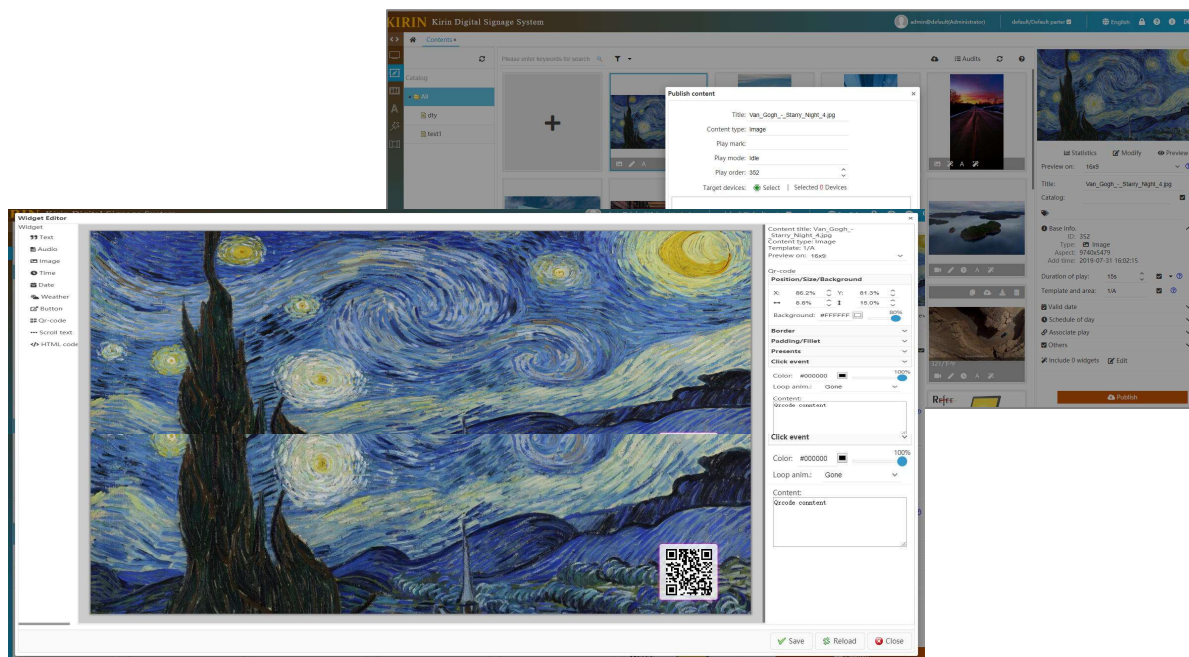
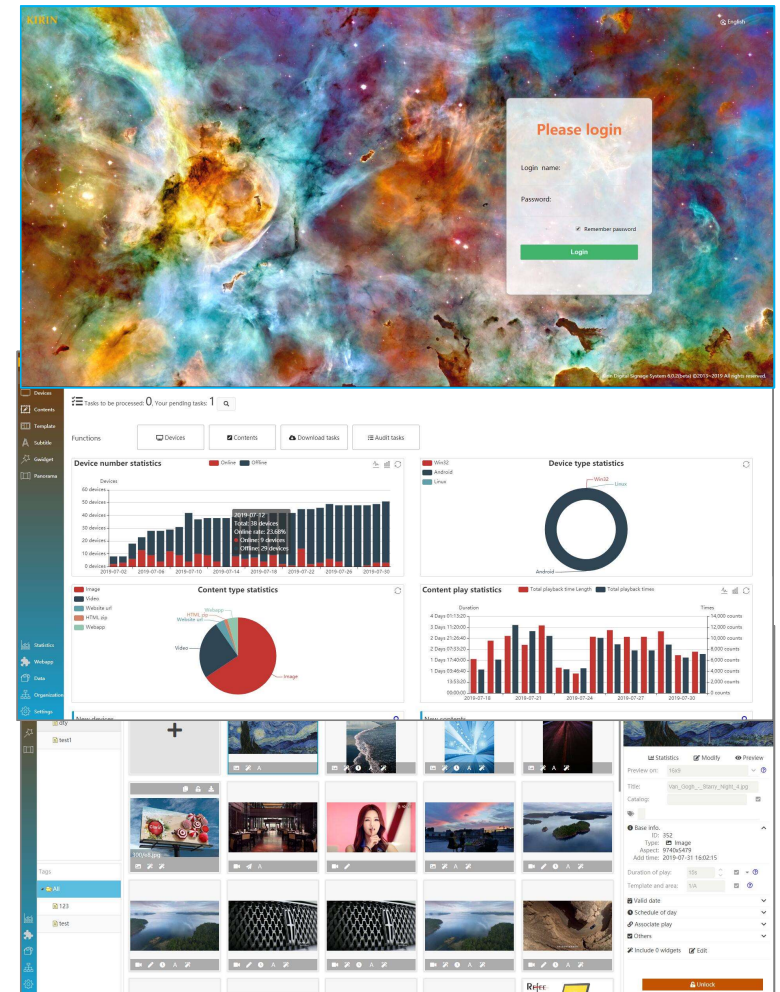
2. Automatically play U disk picture video (do not copy)

Copy the pictures and videos that need to be played to the **AutoPlayDir** folder in the root directory of the USB flash drive (note the case), insert the USB flash drive into the U port of the device, and a dialog box will pop up, automatically select "Automatic USB flash drive after 20 seconds". Play", wait 20 seconds, will automatically pause the currently playing content, and then automatically play the pictures and videos in this U disk directory. Pulling out the USB flash drive will continue to play the original playback content.

To specify the order to play, the file names should be named in order.

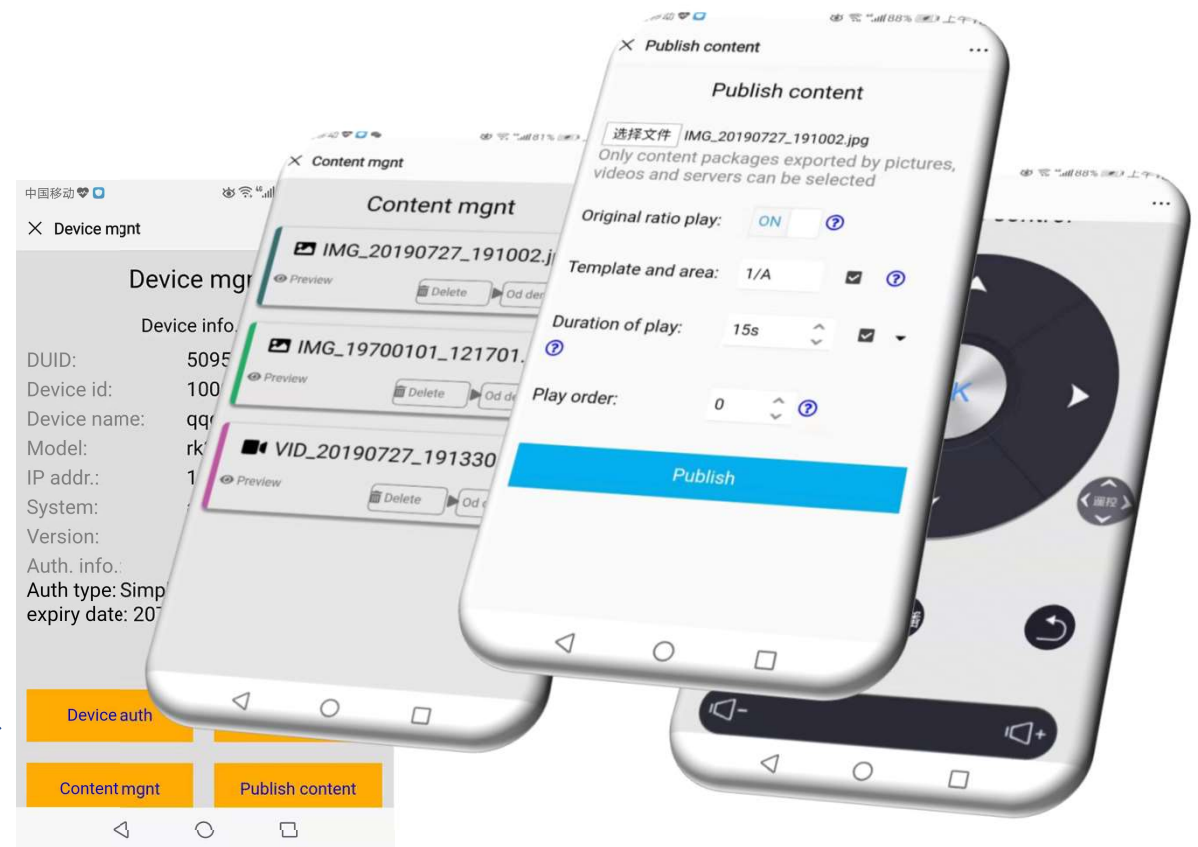
9/Web background management

- Centrally manage devices through a web browser management interface
- If you build your own server, log in to the self-built server address.
- Otherwise login to the default cloud address:
 - <http://115.29.221.110:8066>



10/Managed by mobile phone

- The phone scan code can manage the device:
Device authorization, device quick setup, content on demand, content deletion, analog remote control, post image video from mobile phone
- Can be used stand-alone, free APP, free server
- In the playback state, the QR code is displayed on the Status Information screen.
- Require mobile phones and devices under the same LAN
- Content on demand via mobile phone
After scanning the code, enter the content on-demand interface, and select the content to play.
- Post an image from your phone
After scanning the code, enter the publishing interface, upload the picture or video, and the mobile phone directly publishes the content to the device.



11/Parameter settings

- Device Information
 - Terminal authorization, setting device management password
- Connection settings
 - Modify interface server address, client code, local name, etc.
- Playback settings
 - Content storage location, screen rotation (related to the device), screen saver settings, etc.
- Sync settings
 - Multi-screen sync settings, setting sync groups, etc.
- Security Settings
 - Whether to allow U disk playback, etc
- Other settings
 - Serial port, GPIO, etc.

The screenshot shows a web-based settings interface for a device. On the left is a sidebar menu with the following items: 'Device Info.' (highlighted in blue), 'Connect Setting', 'Play Setting', 'Sync. Setting', 'Safe Setting', and 'Others Setting'. The main content area displays the 'Device Info.' settings. It includes fields for 'DUID' (509537688401), 'SN' (10007), and 'Version' (6.0a.166). Below these is the 'Authorization Status' section, which shows 'Authorized' and 'Auth type: Simple, date: 2019-7-1, expiry date: 20210101'. There are buttons for 'Authorize again' and 'Import DEK'. The 'Auto start on boot' section has a checked checkbox and the text 'Automatically run the software when the system is on the boot.'. The 'Admin password' section shows a masked password '*****' and buttons for 'Change password' and 'Clean'. At the bottom of the main area, there is a note: 'Exit application, enter the setting interface, update the player content, you need to enter a password for the Administration'. At the very bottom of the interface are buttons for 'Cancel', 'Save', 'Connect test', and 'Restart app'.

12/Set the timer switch

- Set the device's automatic boot time and auto power off time
- The function of the timer switch is related to the hardware of the device. Some devices may be invalid.
- 5 segment timer switch can be set every day
- Different settings per day of the week

The screenshot displays a configuration interface for a timer switch. At the top, the time and date are shown as 20:19:59 on 2019-07-31 Wednesday. Below this, there is a checkbox for "Use local boot and shutdown time only." and text indicating the current boot time (2019-07-31 17:05:20), next shutdown time (Not set), and next boot time (Not set). The main part of the interface is a grid for setting the timer for each day of the week. The days are listed on the left: Monday, Tuesday, Wednesday (highlighted with a mouse cursor), Thursday, Friday, Saturday, and Sunday. Each day has a row of five segments, labeled Sect. 1 through Sect. 5. Each segment contains a checkbox, a "Shut" time field, and a "Boot" time field. A "Set" button is located to the right of the "Quickly setting" row.

	Sect. 1	Sect. 2	Sect. 3	Sect. 4	Sect. 5
Quickly setting	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Monday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Tuesday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Wednesday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Thursday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Friday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Saturday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00
Sunday	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00	☐ Shut 00:00 Boot 00:00

13/FAQ

- How to import picture video playback on U disk
 - See "8/Playing via USB flash drive"
- How to import content packages exported in the background
 - See "8/Playing via USB flash drive"
- How to change the interface server IP address
 - The interface server IP address can be modified through the Quick Settings or More Settings/Connection Settings interface.
- How to authorize the software
 - See "3/Authorizing Software"
- How to enter the parameter setting interface
 - In the main interface, press the "Menu" icon to display the menu interface. Click "More Settings" on the interface to enter the parameter setting interface.
- Publishing content failed
 - Whether the network between the device and the server is connected, and the connection test is performed on the status information interface of the terminal. The connection should be normal and the others are abnormal.
 - Please check if the storage space of the device is enough. You can go to the Status Information interface to view it.
 - In some cases, the network is unstable and will not be sent. Try to restart the terminal before sending it.
- After scanning the QR code, the mobile phone cannot enter the mobile management interface.
 - The device needs to be connected, the mobile phone must be connected to the network, and the mobile phone and device are required to be under the same local area network.