



iiControl

User Manual

Change List	
2025/09/03	Add network setup

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1 Product Overview

iiControl, as a platform for unified and centralised equipment management, provides managers with cluster management functions such as equipment status monitoring, panel grouping, just-in-time commands, remote control, cloud screen casting, system software upgrades, etc., which greatly improves the efficiency of equipment management.

1.1 Login URL

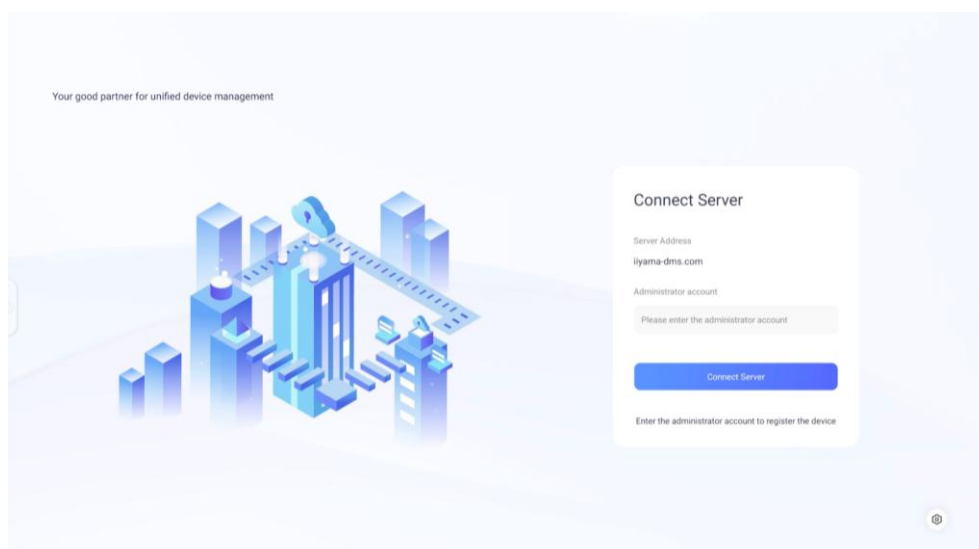
<https://www.iiyama-dms.com>

1.2 Account Application

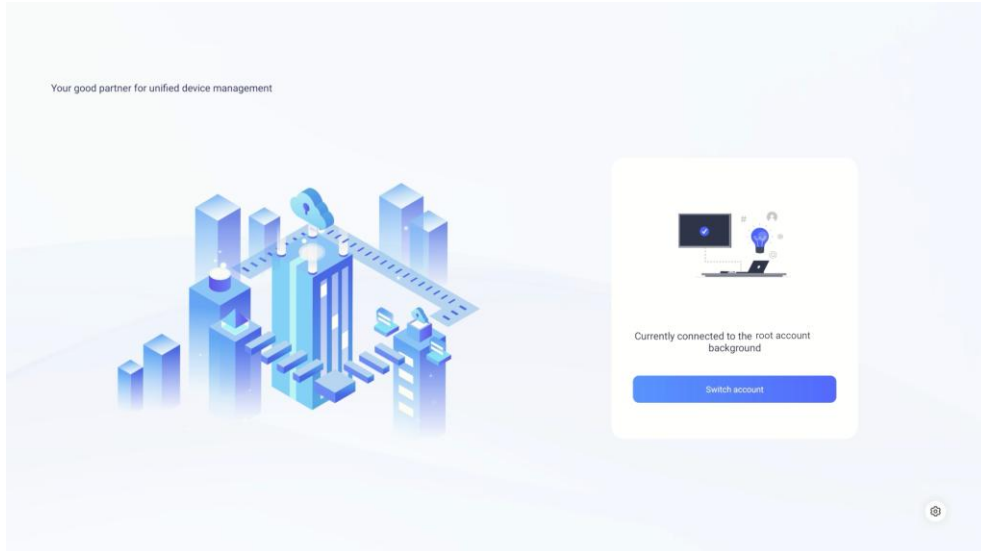
Contact sales for an account number.

1.3 Device Interface

Displays the status of the connection to the server on the IFPD side.



No Server Connected



Server Connected

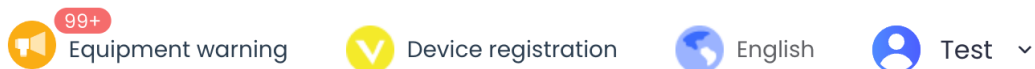
1.4 Network Setup

iiControl server IP: 34.90.246.68.

Port Protocol Apply Usage

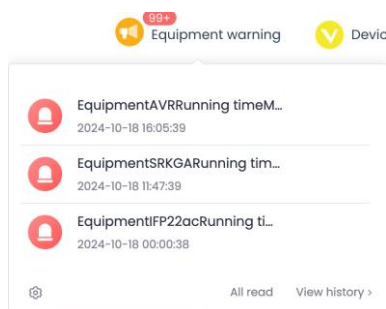
Port	Protocol	Usage
80	TCP	WEB page access and file download
443	TCP	WEB page access and file download
8083	TCP	real-time program feedback messages to users
1883	TCP	WOL (Wake-on-LAN) tool to receive wake-up messages
19527	TCP	device discovery and communication
3478	TCP & UDP	real-time device monitoring and remote casting
5349	TCP & UDP	real-time device monitoring and remote casting
49152/65535	TCP & UDP	real-time device monitoring and remote casting

2 Navigation Bar



2.1 Equipment warning

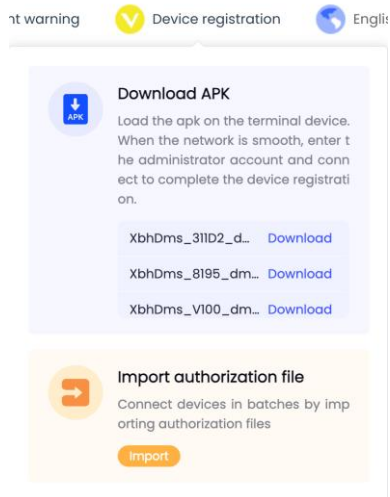
Displays the warning information reported by the terminal equipment.



2.2 Device registration

Way 1: Download the agent app and install the app to the IFPD (can be pre-installed in the firmware), enter the app and fill in the administrator account to complete the connection.

Way 2: For the devices with pre-installed DMS app, you can click [Device Registration] in the navigation bar to achieve the connection of batch devices by importing the MAC addresses of a batch of devices, without any operation on the terminal devices.



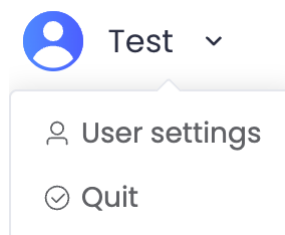
2.3 Language switch

Currently supports Traditional Chinese, English, Spanish, Portuguese and Japanese.



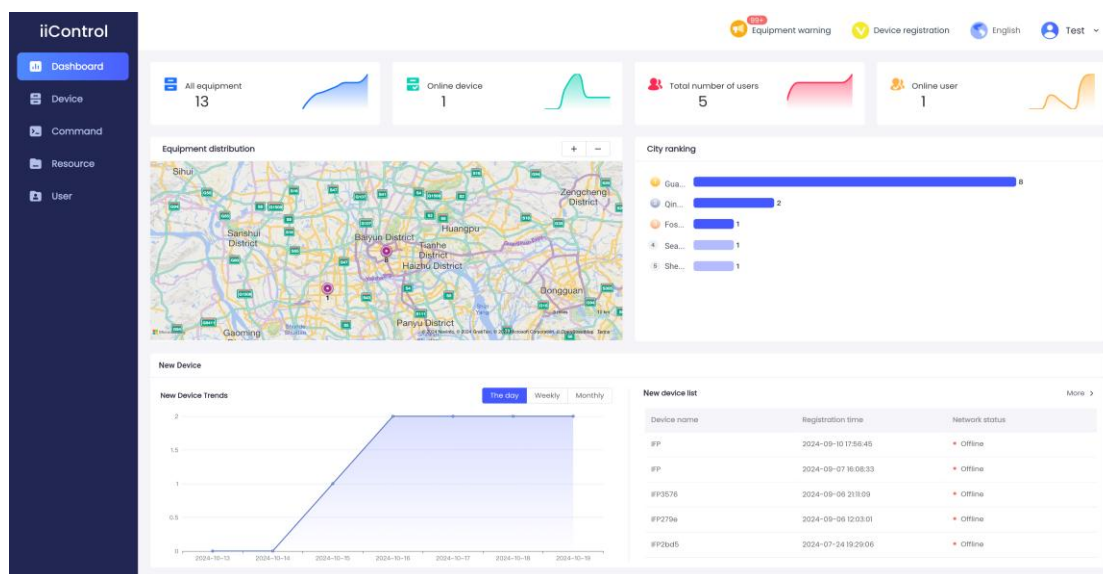
2.4 Account Management

Displays the account username and profile, access to user settings and logging out of the current account.

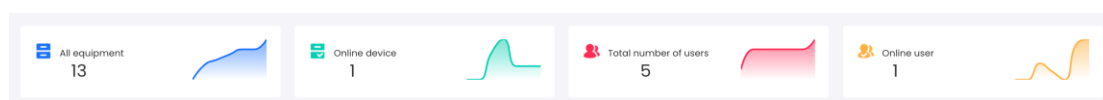


3 Dashboard

After logging into the DMS system on the computer, it will show the system home page which is dashboard page that displays the background data, number of devices, device distribution, number of users and other data information.



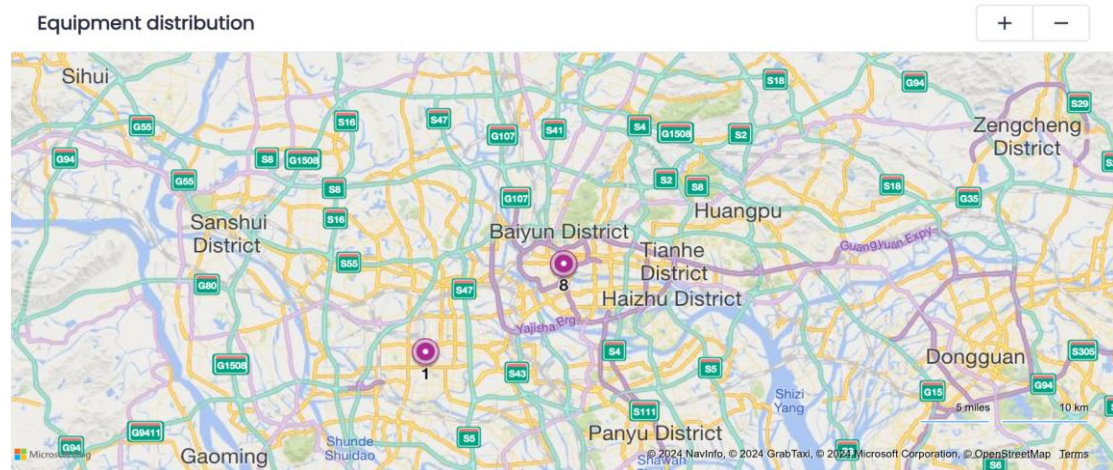
3.1 Number of connected devices and users



- All equipment: the number of all registered equipment.
- Online devices: the number of online devices.
- Total number of users: the number of all registered users.
- Online users: the number of online users.

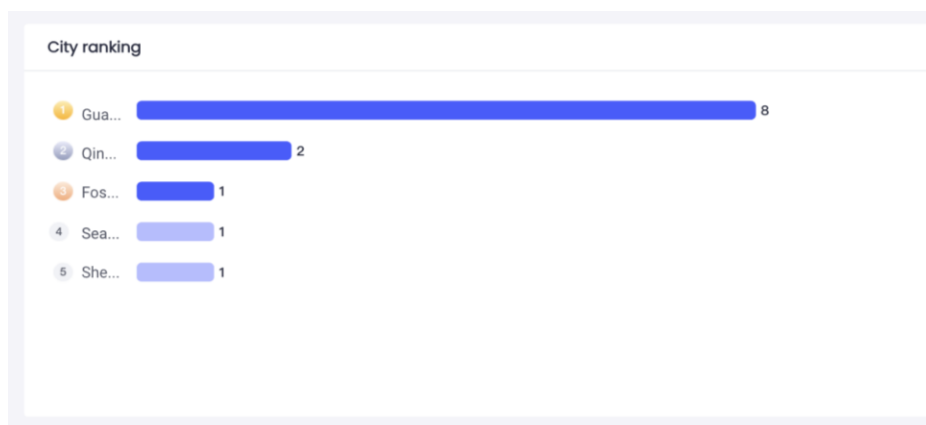
3.2 Equipment distribution

Shows the distribution of devices on the map by city, showing the number of devices in each city.

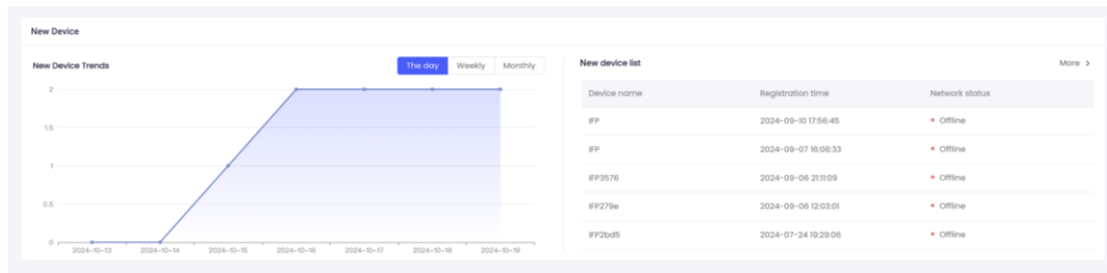


3.3 City ranking

Displays the ranking of the top eight cities with the highest number of registered devices. Click on the corresponding city and the map screen will go to the corresponding city.



3.4 New device



1. New device trend

Show the trend of the number of new devices, including [Daily] [Weekly] [Monthly], you can click on different options to switch to different statistical views.



2. New device list

Displays a list of recently added devices, click [More] to jump to [Device] page.

This is a close-up of the 'New device list' table. It shows the same five devices as the first screenshot, with their names, registration times, and network statuses. The table is titled 'New device list' and has a 'More >' link to the right.

Device name	Registration time	Network status
IFP	2024-09-10 17:56:45	Offline
IFP	2024-09-07 16:08:33	Offline
IFP3576	2024-09-06 21:11:09	Offline
IFP279e	2024-09-06 12:03:01	Offline
IFP2bd5	2024-07-24 19:29:06	Offline

4 Device

Used to manage all devices under this account. On the left side of the page, there is a list of status filtering and device grouping, so that users can focus on the management of terminal devices that need to be operated by appropriate grouping and filtering. The right side of the page displays the list of devices under the user name. Selecting the device that needs to be operated and clicking the corresponding operation item can send various operation commands to the device.

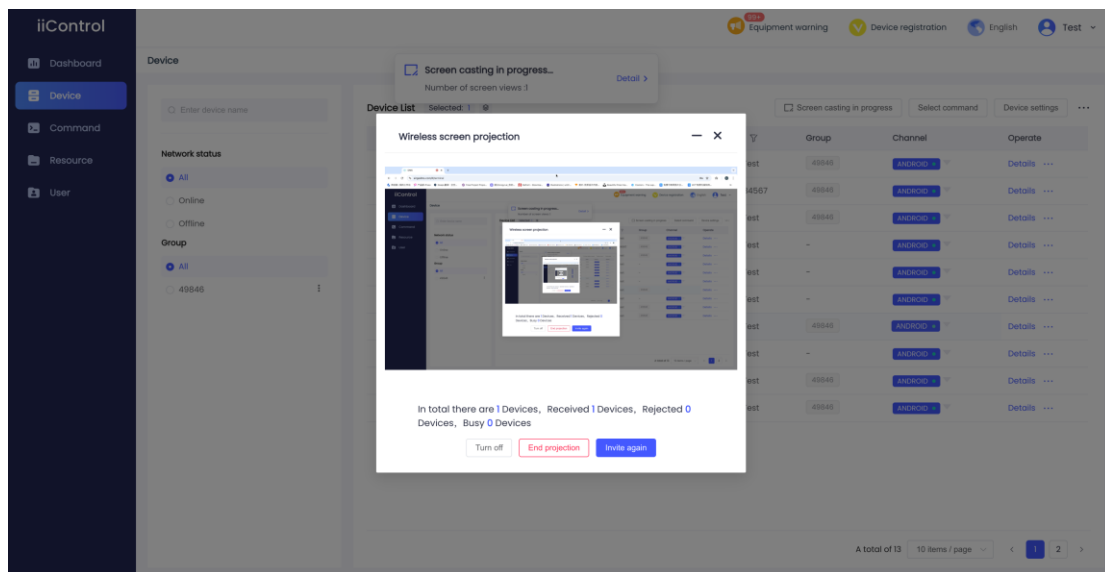
The screenshot displays the iiControl web interface for device management. On the left is a dark sidebar with navigation links: Dashboard, Device (selected), Command, Resource, and User. The main content area is titled 'Device' and features a search bar for device names. Below the search bar are filters for 'Network status' (All, Online, Offline) and 'Group'. The 'Device List' table contains the following data:

Device name	Network status	Registration time	Owner	Group	Channel	Operate
IPF	Offline	2024-09-10 17:56:45	langoTest		ANDROID	Details ...
IPF	Offline	2024-09-07 16:08:33	Test1234567		ANDROID	Details ...
IPF3576	Offline	2024-09-06 21:11:09	langoTest		ANDROID	Details ...
IPF279e	Offline	2024-09-06 12:03:01	langoTest	-	ANDROID	Details ...
IPF2bd5	Offline	2024-07-24 19:29:06	langoTest	-	ANDROID	Details ...
IPFOCE5	Offline	2024-07-11 23:29:00	langoTest	-	ANDROID	Details ...
IPF8801	Online	2024-06-12 09:22:58	langoTest		ANDROID	Details ...
IPFfa8f	Offline	2024-05-15 10:04:12	langoTest	-	ANDROID	Details ...
IPFfaa8	Offline	2024-05-14 11:10:17	langoTest		ANDROID	Details ...
IPF57o4	Offline	2024-04-16 20:34:04	langoTest		ANDROID	Details ...

At the bottom right of the table, it indicates 'A total of 13' items and a pagination control showing '10 items / page' with page numbers 1 and 2.

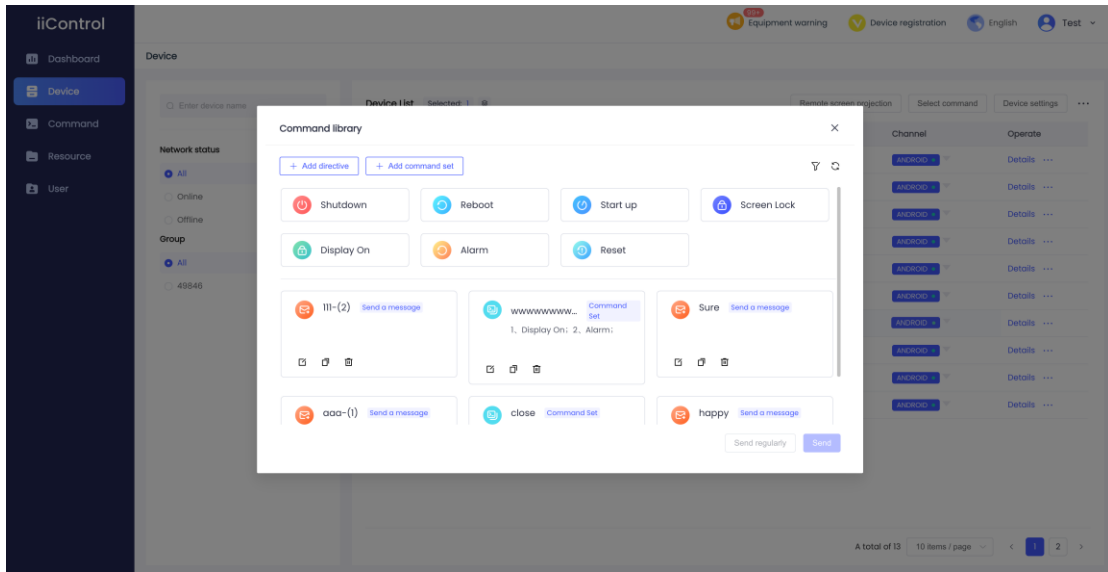
4.1 Remote screen projection

Click [Remote screen projection], select the window you need to share in the pop-up window, and wait for the confirmation from the device side to remotely cast the computer screen to display on the IFPD.

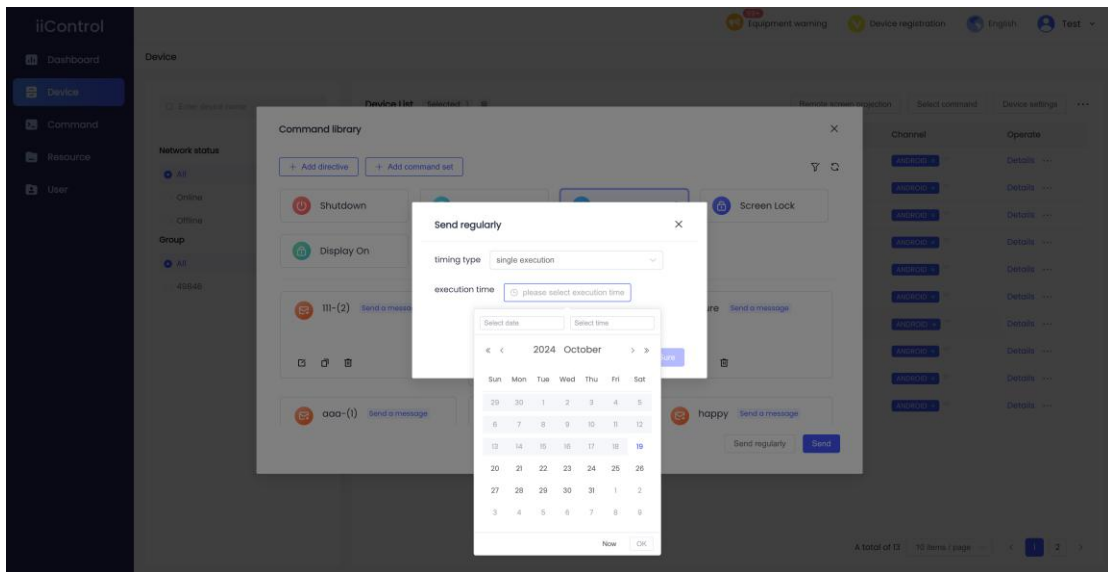


4.2 Select command

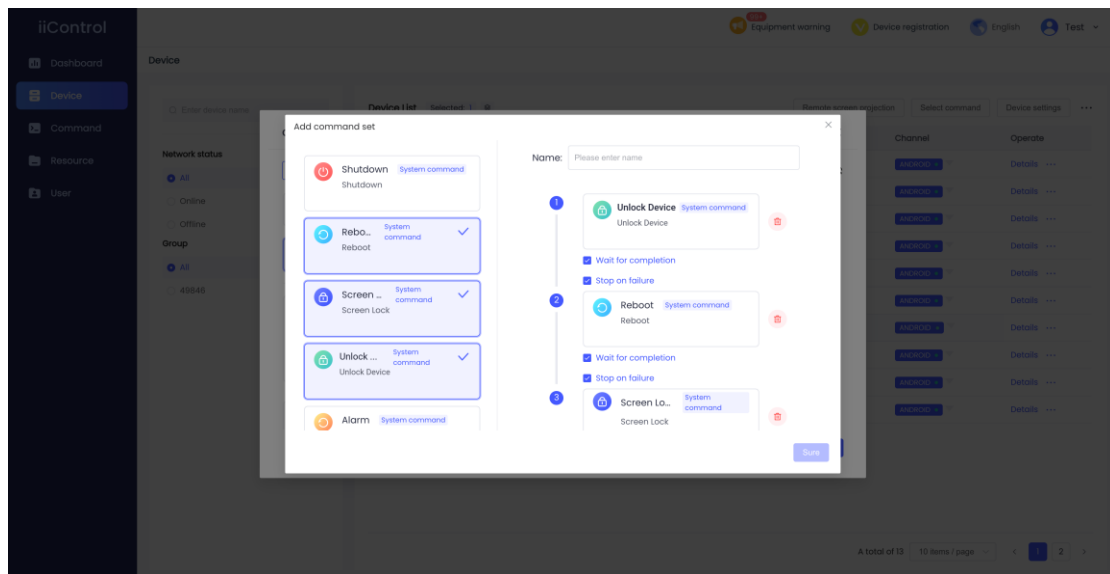
Click [Select command] to open the command saving pop-up window, and click Add Command in the upper right corner to save some commonly used commands for quick release.



After selecting the command, you can click [Send Regularly], and select [Timing Type] as Single Execution or Cyclic Execution and [Execution Time] to complete the [Send Regularly] operation.

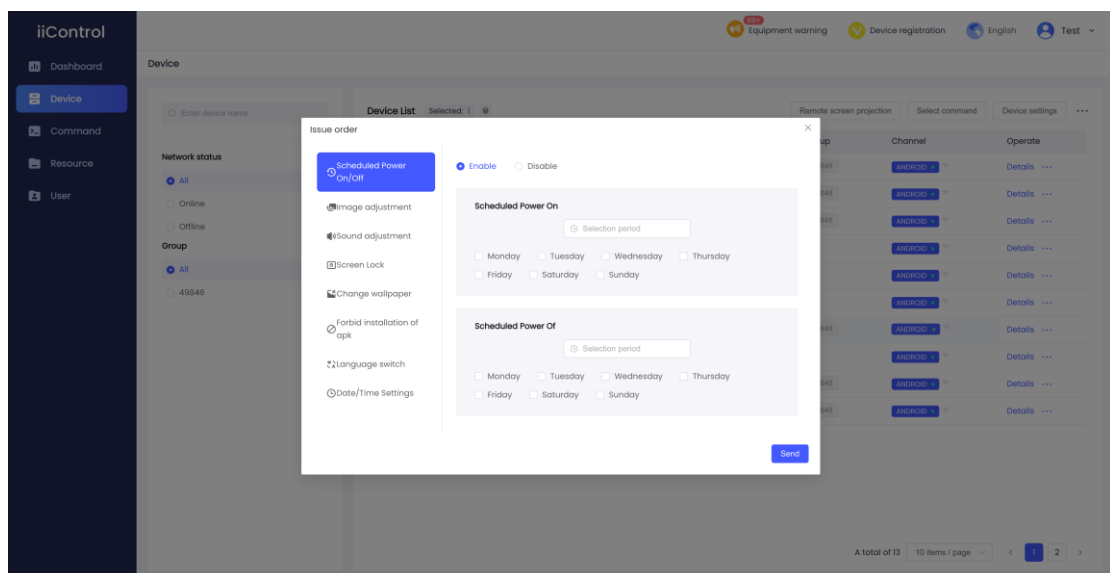


Click the [Add Command Set] button to send multiple commands to form an execution flow, such as 1, Unlock Device -> 2, Reboot Device -> 3, Set Lock Screen Password. The device will execute the operation according to the command order.



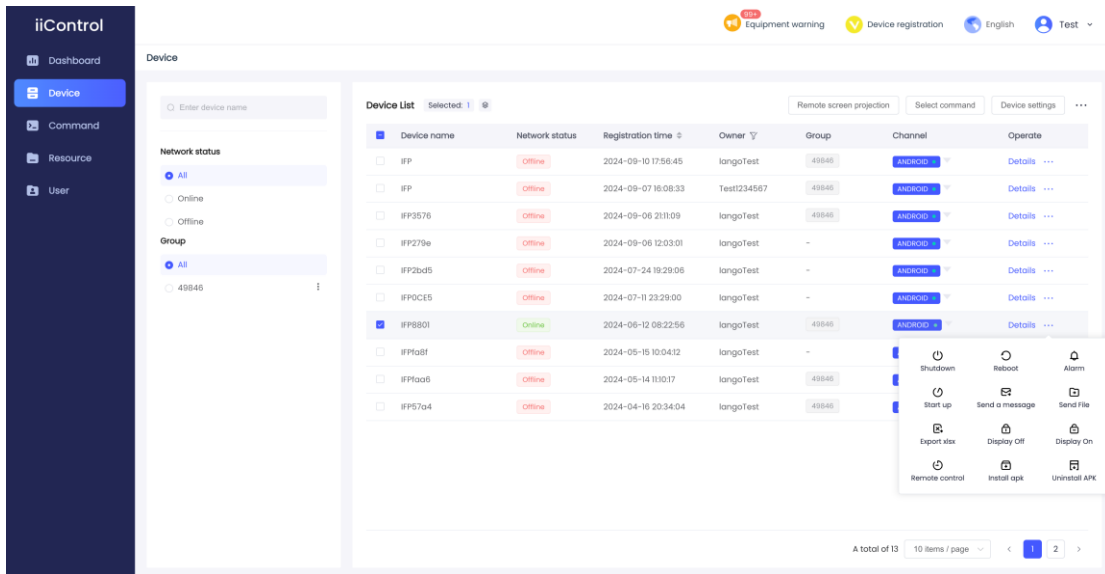
4.3 Device settings

Can set the device's [scheduled power on/off], [image adjustment], [sound adjustment], [screen lock password], [change wallpaper], [forbid installation of apk], [language switch], [date/time settings], usually used to unify the modification of a large number of device settings.

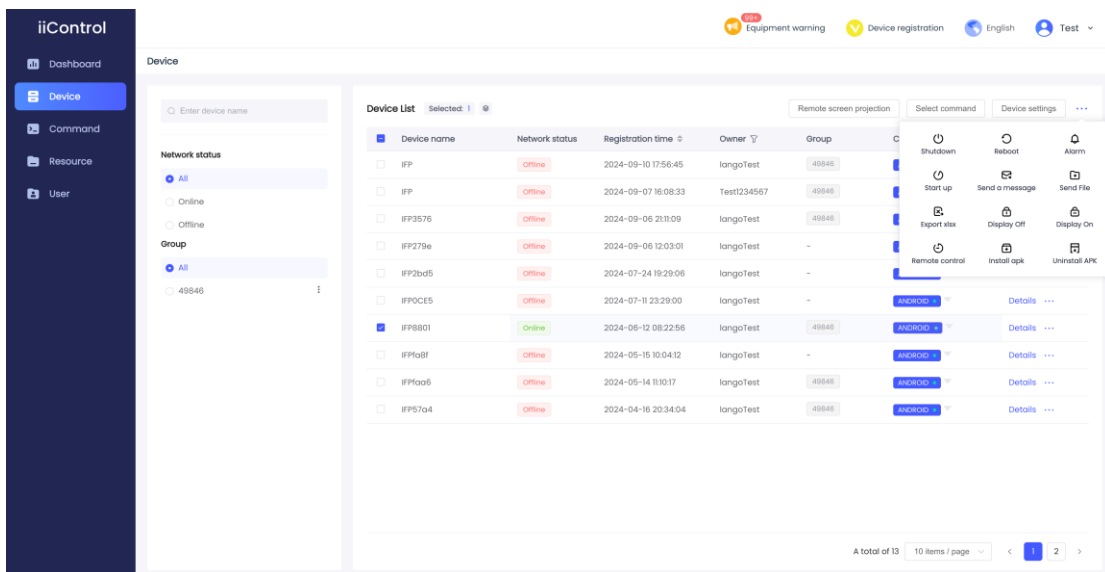


4.4 More command

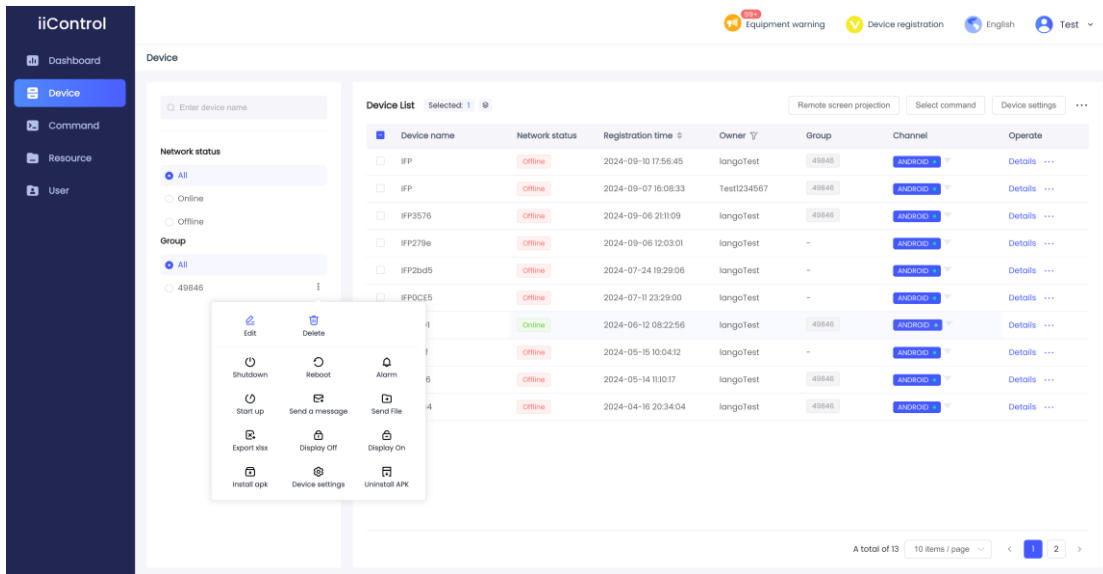
To issue commands for a single device, we can click the [More] icon at the back of the device row to view and select the appropriate command.



To issue commands for batch devices, we can click the [More] button on the upper right corner after selecting devices to view and select appropriate commands for batch execution.



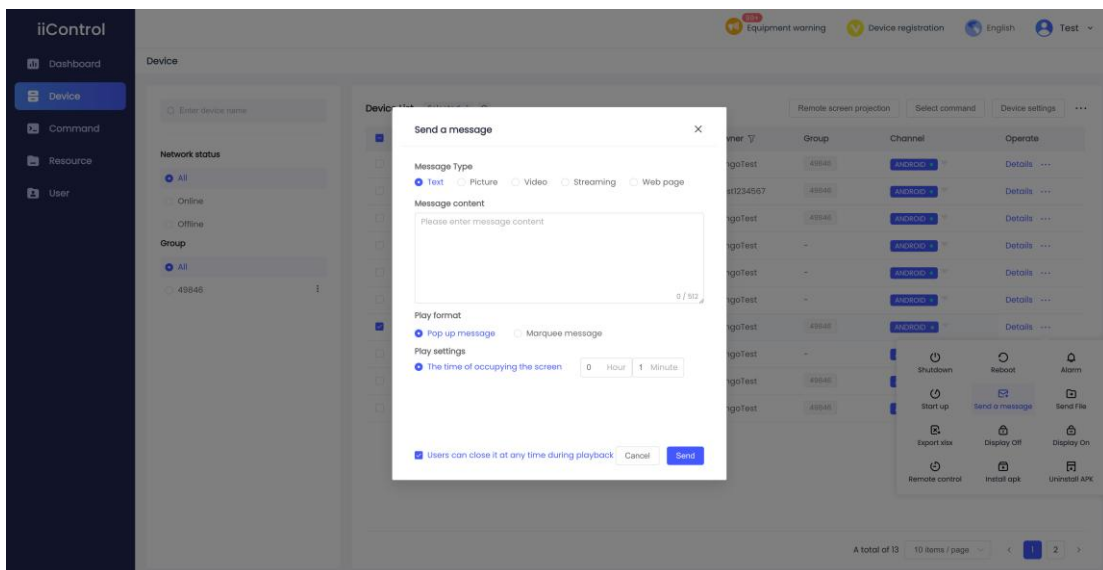
You can also operate all the devices in the group by using the operation buttons on the group.



4.4.1 Send a message

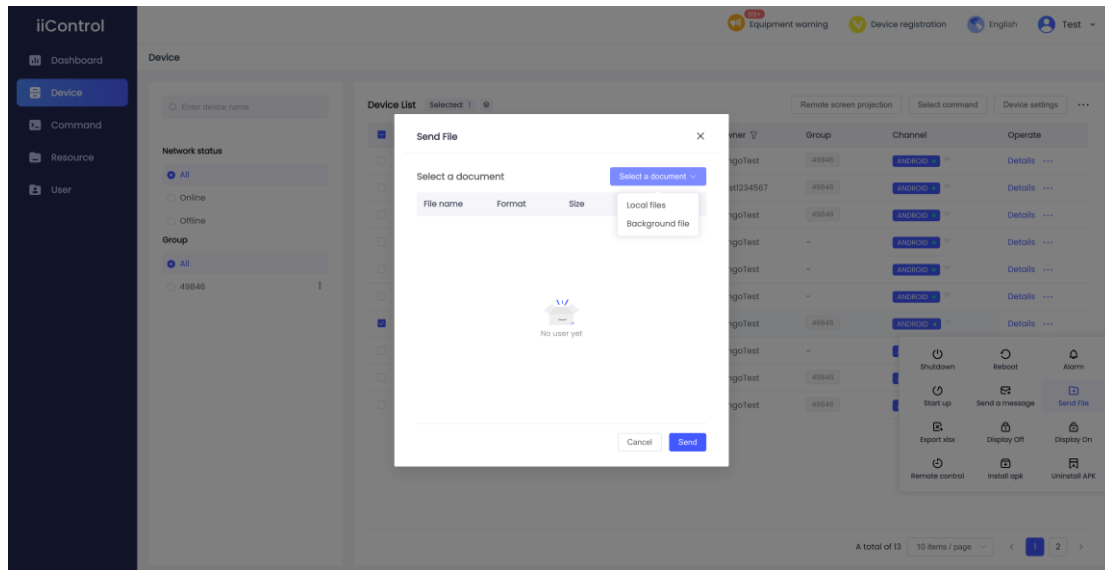
Used to send notifications, promotional materials, and welcome content scenarios to large screen devices, currently supported content includes Text, Picture, Video, Streams, and Web pages.

Fill in the appropriate content and click send, the device will automatically play the content after receiving the command.



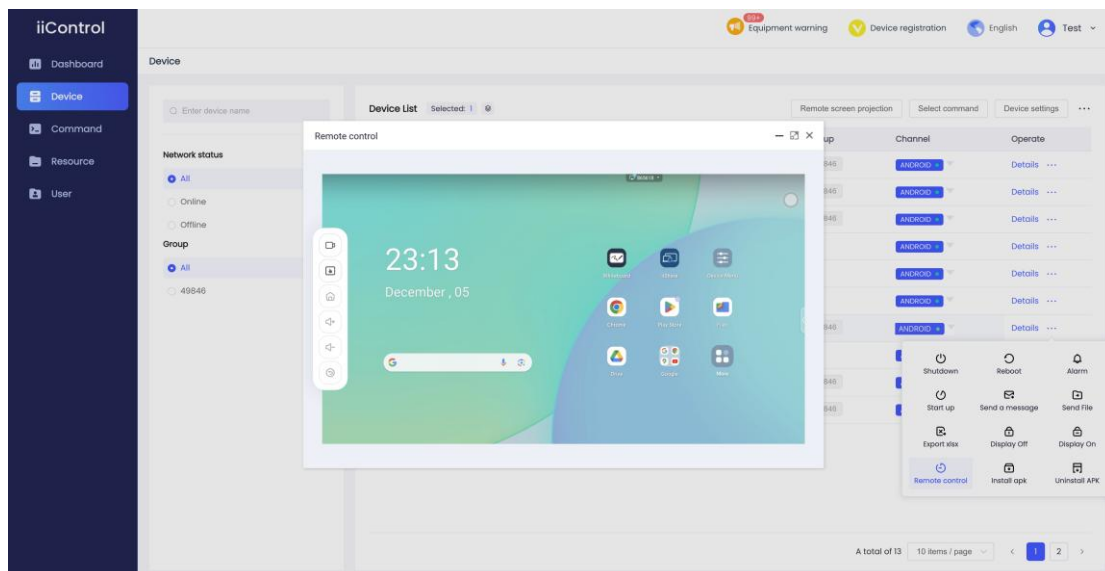
4.4.2 Send file

Optional local/background files can be sent, and all formats are supported.



4.4.3 Remote control

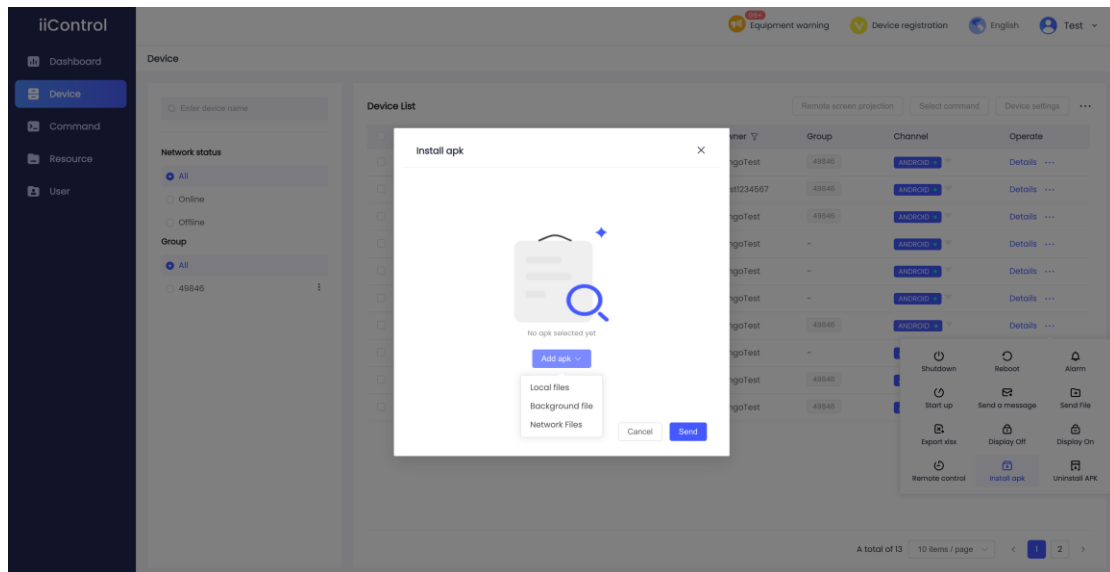
You can operate [Open Recording], [Open Control], [Home], [Volume Up], [Volume Down], and [Back] functions remotely.



4.4.4 Install APK

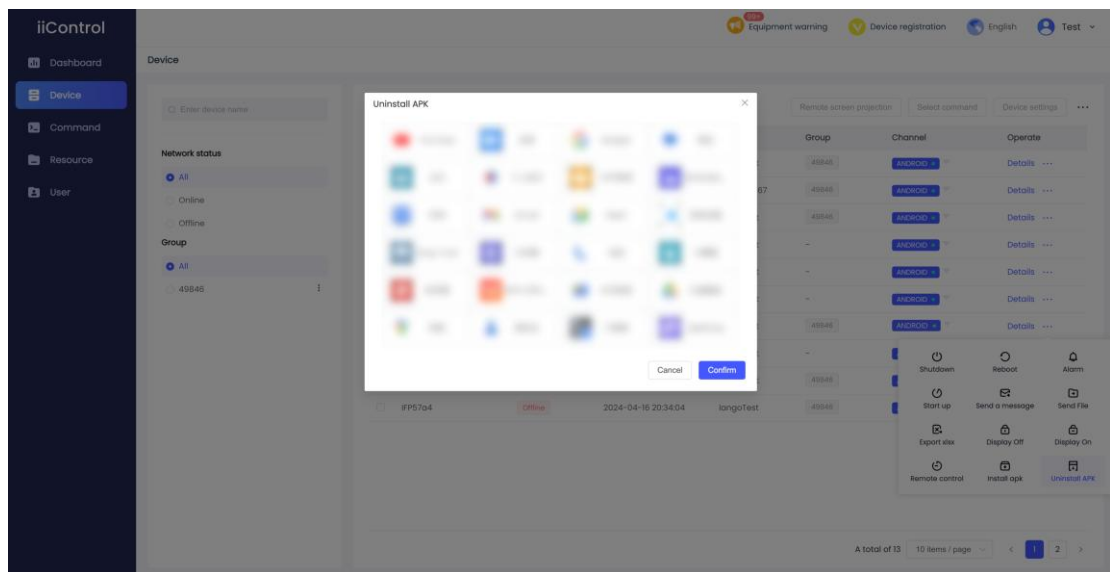
Used to remotely install apk uniformly for devices in the organisation, supports

uploading local/backend/network apk files for installation.



4.4.5 Uninstall APK

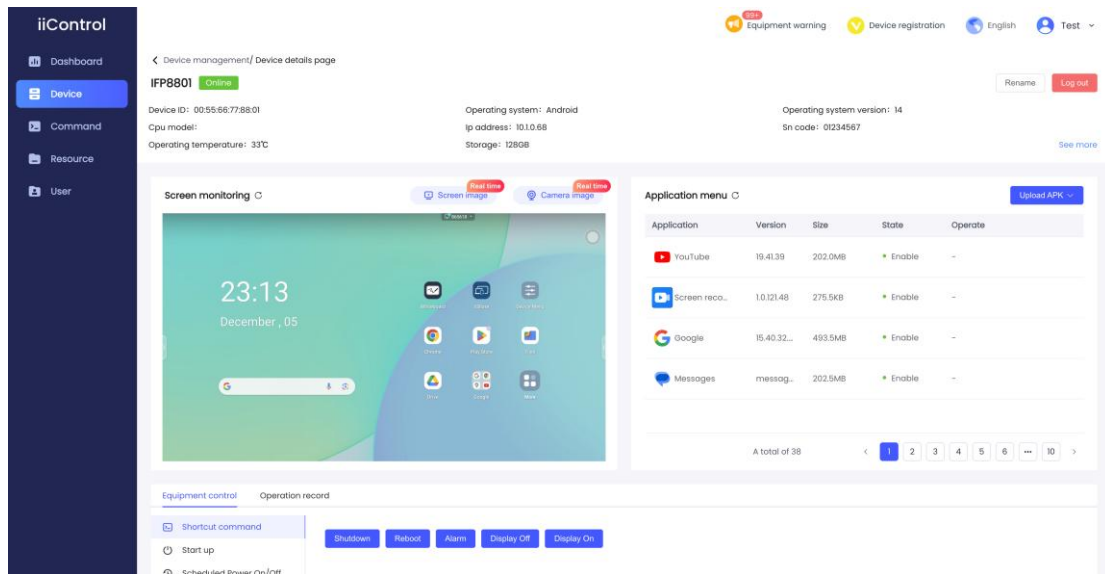
After selecting the third-party app, click [Confirm] to uninstall it.



4.5 Device detail

It shows some basic information about the selected device and the device status, and you can view more detailed information about the device by clicking [See

More] in the lower right corner.

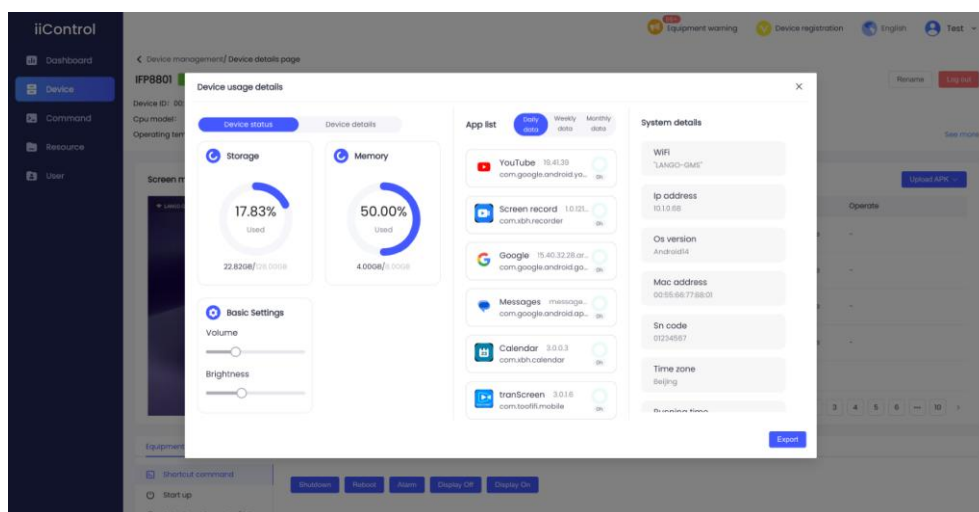


4.5.1 See more

The See More window displays the capacity usage of the currently selected device, application usage, and some information about the device's system.

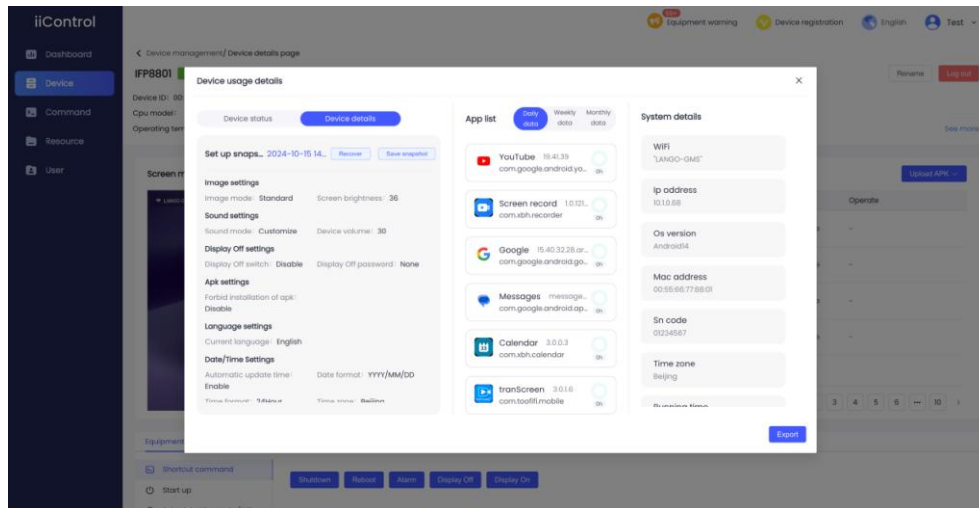
1. Device status

Click Device status to view the current settings of the device.



2. Device details

Click [Save Snapshot] to save the current setting state of the device, and if there is an abnormal change in the state of the device, you can quickly restore the state of the device through the [Recover] function.

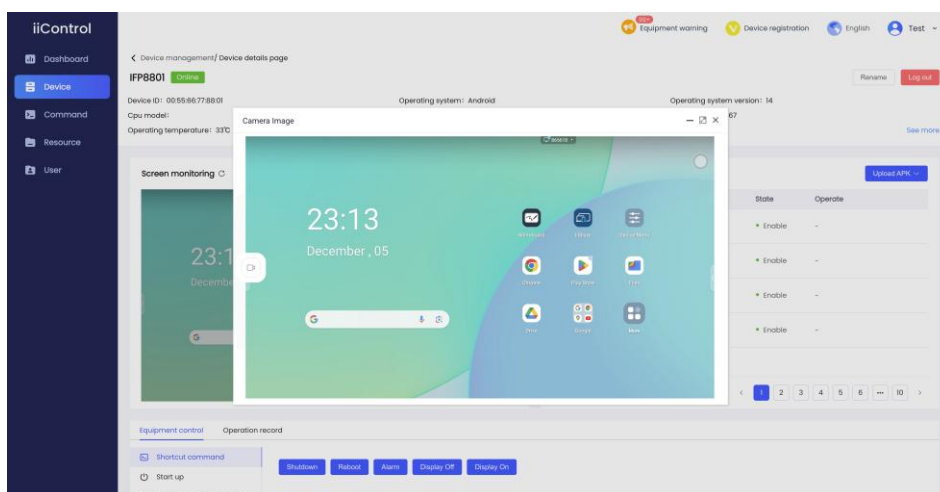


4.5.2 Screen monitoring

Real-time screenshots of the device are displayed, and the device can be further viewed by clicking [Screen Image] and [Camera Image].

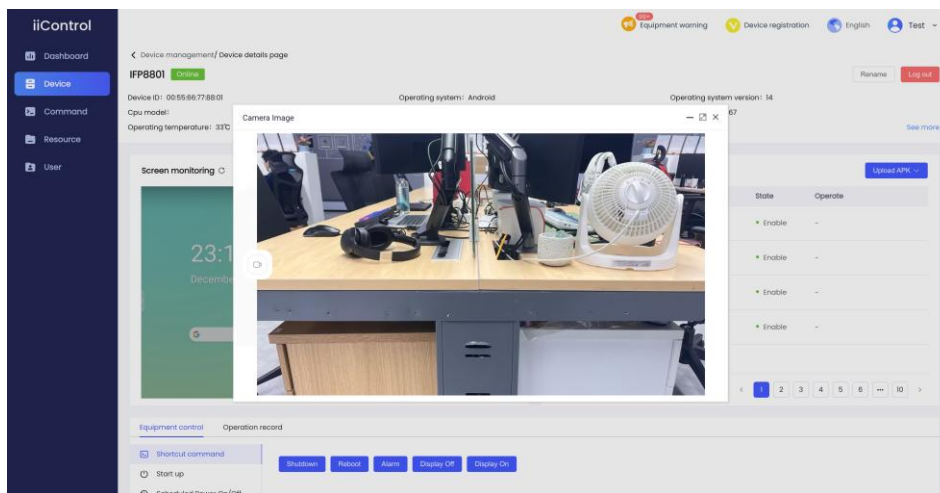
1. Screen Image

By clicking the [Screen Image] button in the upper right corner, you can view the real-time screen of the device and perform related remote operations.



2. Camera Image

Click the [Camera Screen] button in the upper right corner to open the device's camera and view the camera's live screen, which is usually used for conference room viewing and remote classroom tour scenarios.







4.5.3 Application Menu

The Application Menu section allows to remotely manage third-party apps on the device, such as disabling, enabling, uninstalling, clearing data, updating and other operations, and remotely installing the needed apps.

Application menu 

Upload APK 

Application	Version	Size	State	Operate
 YouTube	19.41.39	202.0MB	• Enable	-
 Screen reco...	1.0.121.48	275.5KB	• Enable	-
 Google	15.40.32....	493.5MB	• Enable	-
 Messages	messag...	202.5MB	• Enable	-

A total of 38

< **1** 2 3 4 5 6 ... 10 >

5 Command

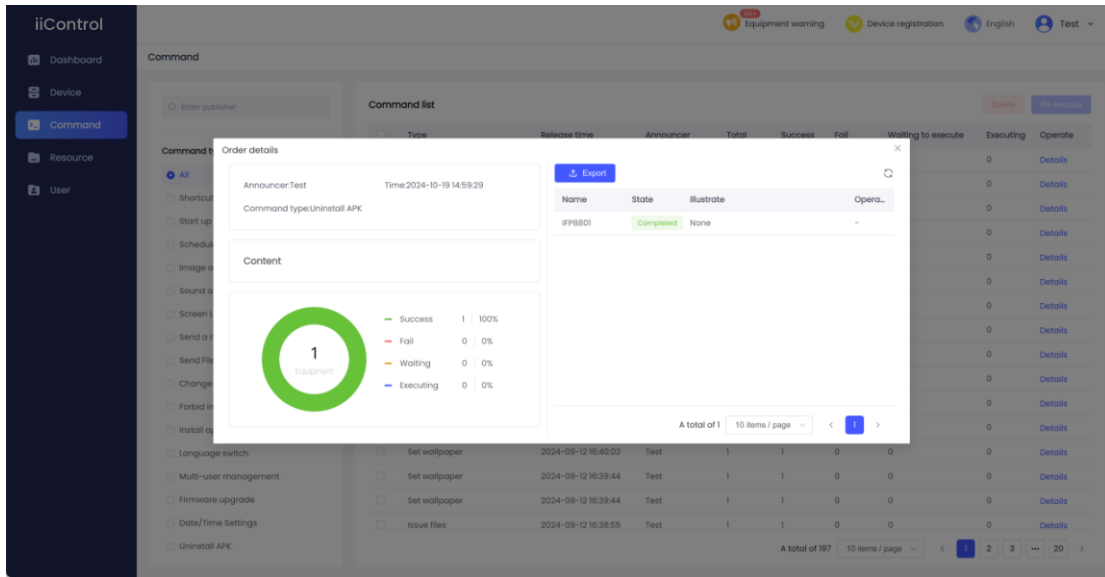
The Command section displays the history of commands used by the account. The left side of the page displays the types of commands, and supports clicking to view a single type of command.

The screenshot displays the iiControl Command section. On the left is a dark sidebar with navigation links: Dashboard, Device, Command (highlighted), Resource, and User. The main content area is titled 'Command' and features a search bar labeled 'Enter publisher'. Below the search bar is a 'Command type' filter section with a radio button for 'All' and a list of other command types. The central part of the page is a 'Command list' table with columns: Type, Release time, Announcer, Total, Success, Fail, Waiting to execute, Executing, and Operate. The table contains 15 rows of command history, all showing a success status of 1. At the bottom right of the table, there is a pagination control showing 'A total of 197' items and '10 items / page'.

Type	Release time	Announcer	Total	Success	Fail	Waiting to execute	Executing	Operate
<input type="checkbox"/> Uninstall APK	2024-10-19 14:59:29	Test	1	1	0	0	0	Details
<input type="checkbox"/> Uninstall APK	2024-10-19 14:56:59	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send alert	2024-10-18 17:36:05	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send a message	2024-10-16 21:34:18	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send a message	2024-10-15 18:13:09	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send a message	2024-10-15 14:04:46	Test	1	1	0	0	0	Details
<input type="checkbox"/> Uninstall APK	2024-09-13 16:13:11	Test	1	1	0	0	0	Details
<input type="checkbox"/> Uninstall APK	2024-09-13 16:13:08	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send apk	2024-09-13 15:28:15	Test	1	1	0	0	0	Details
<input type="checkbox"/> Disable APK installation	2024-09-12 19:43:37	Test	1	1	0	0	0	Details
<input type="checkbox"/> Disable APK installation	2024-09-12 19:38:12	Test	1	1	0	0	0	Details
<input type="checkbox"/> Send apk	2024-09-12 17:11:57	Test	1	0	1	0	0	Details
<input type="checkbox"/> Set wallpaper	2024-09-12 16:40:02	Test	1	1	0	0	0	Details
<input type="checkbox"/> Set wallpaper	2024-09-12 16:39:44	Test	1	1	0	0	0	Details
<input type="checkbox"/> Set wallpaper	2024-09-12 16:39:44	Test	1	1	0	0	0	Details
<input type="checkbox"/> Issue files	2024-09-12 16:38:55	Test	1	1	0	0	0	Details

The Command List shows all issued commands in descending chronological order and shows the execution of the command on the device.

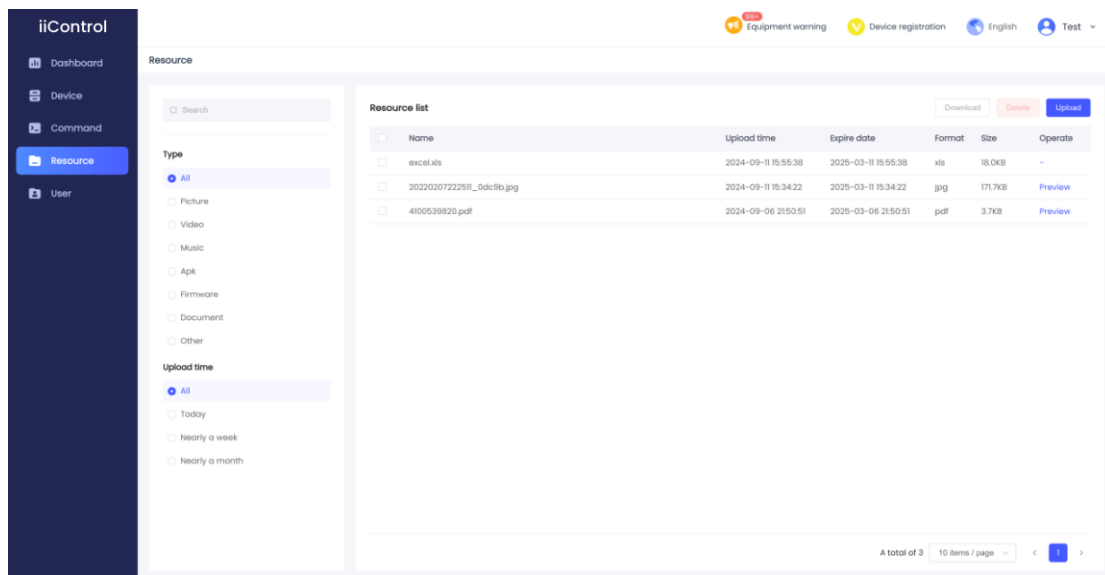
Click the [Details] button to the right of the command to open the command details window.



When opening the command details, it can see the execution status of the command on all devices and the reason for failure, and supports exporting the execution status to a table.

6 Resource

The Resource section holds all the files uploaded by the user in the system, including media files, firmware, apk, and so on. Users can view and re-download resources from here.

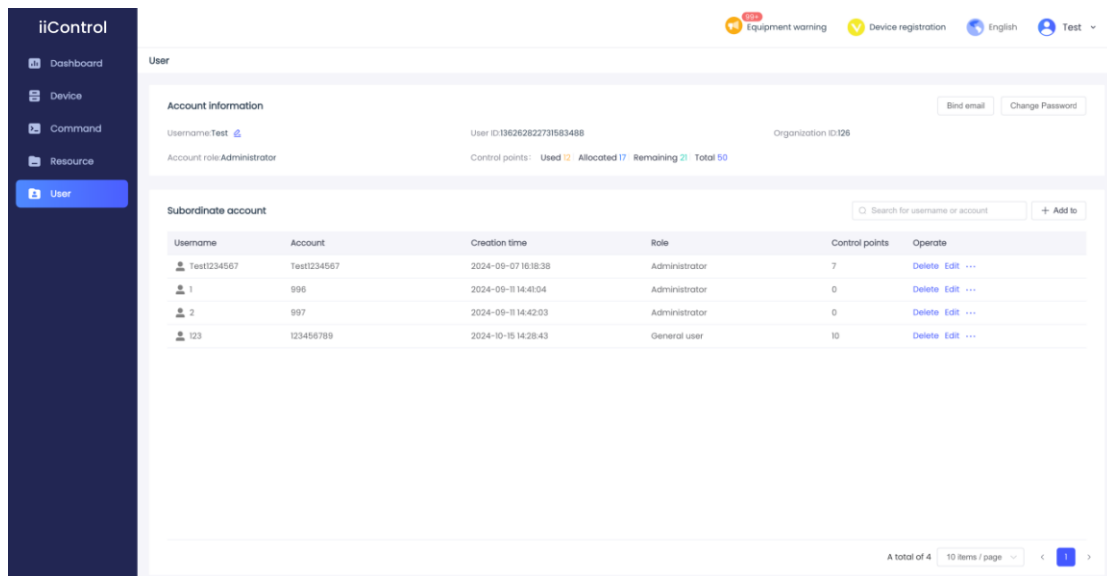


The screenshot displays the 'iiControl' web interface, specifically the 'Resource' management section. The interface includes a dark blue sidebar with navigation options: Dashboard, Device, Command, Resource (selected), and User. The main content area is titled 'Resource' and features a search bar, a 'Resource list' table, and filter options for 'Type' and 'Upload time'. The table lists three resources: 'excel.xls', '20220207222511_0dc9b.jpg', and '400539820.pdf'. Each row includes columns for Name, Upload time, Expire date, Format, Size, and Operate. The 'Operate' column contains links for 'Download', 'Delete', and 'Upload' (for the first row), and 'Preview' (for the second and third rows). The bottom of the interface shows a pagination bar indicating 'A total of 3' items and '10 items / page'.

Name	Upload time	Expire date	Format	Size	Operate
excel.xls	2024-09-11 15:55:38	2025-03-11 15:55:38	xls	18.0KB	Download Delete Upload
20220207222511_0dc9b.jpg	2024-09-11 15:34:22	2025-03-11 15:34:22	jpg	171.7KB	Preview
400539820.pdf	2024-09-06 21:50:51	2025-03-06 21:50:51	pdf	3.7KB	Preview

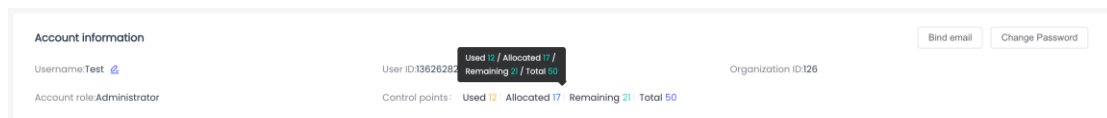
7 User

The User section allows viewing of information about this account and all subordinate accounts under the jurisdiction of this account.



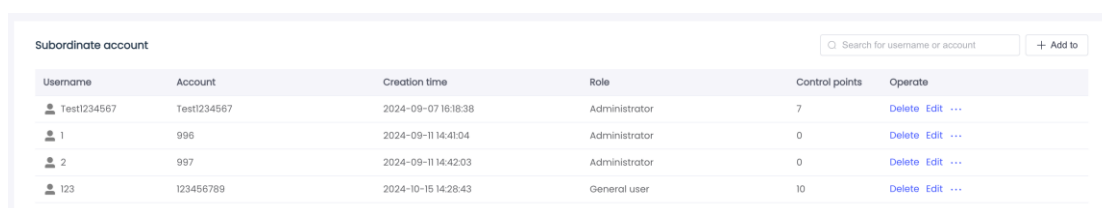
7.1 Control points

Control points means the number of devices that can be controlled by the account. Points distributed to subordinate accounts are shown as [Allocated] points, and devices connected to the account will consume account points, which are shown as [Used] points.



7.2 Subordinate account

The administrator account has the authority to manage subordinate accounts, such as adding subordinate accounts, and changing passwords, modifying permissions and deleting current subordinate accounts. Ordinary users do not have this function module.

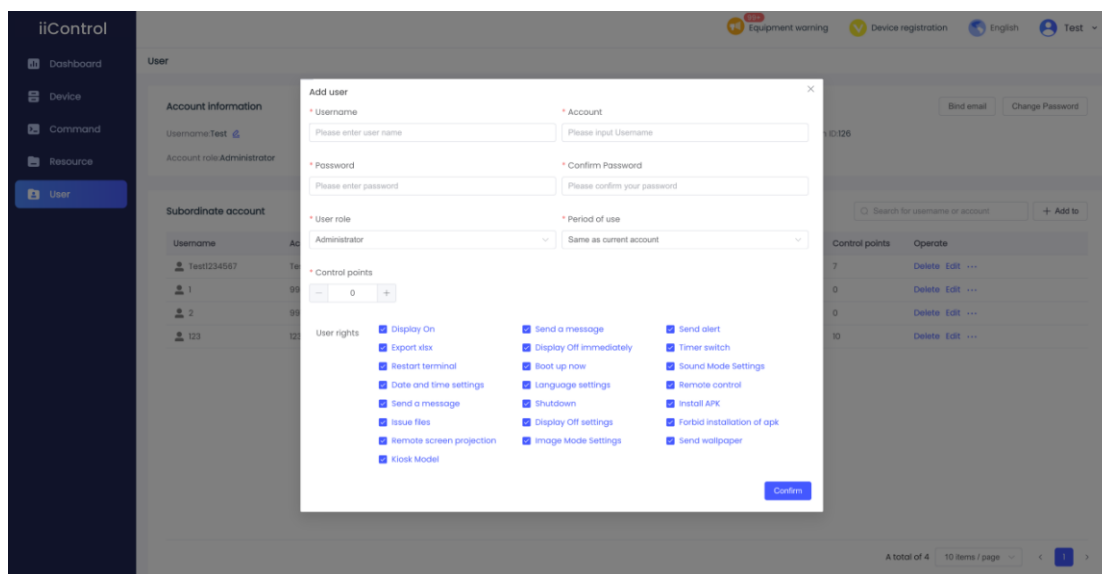


Username	Account	Creation time	Role	Control points	Operate
Test1234567	Test1234567	2024-09-07 16:18:38	Administrator	7	Delete Edit ...
1	996	2024-09-11 14:41:04	Administrator	0	Delete Edit ...
2	997	2024-09-11 14:42:03	Administrator	0	Delete Edit ...
123	123456789	2024-10-15 14:28:43	General user	10	Delete Edit ...

7.2.1 Add user

Click the [Add] button in the upper right corner to bring up the user add window.

Fill in the user's basic information and control rights as required, click [Confirm], you can complete the user creation.



Add user

* Username: Please enter user name
* Account: Please input Username

* Password: Please enter password
* Confirm Password: Please confirm your password

* User role: Administrator
* Period of use: Same as current account

* Control points: 0

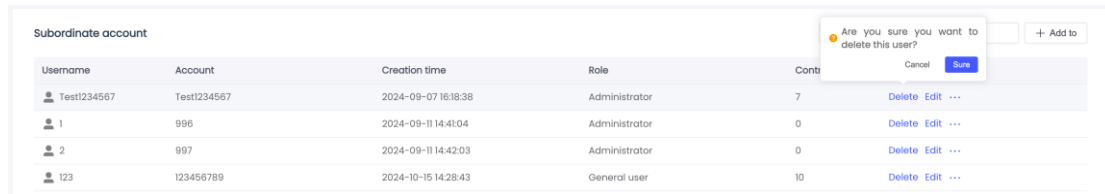
User rights

- Display On
- Export vlx
- Restart terminal
- Date and time settings
- Send a message
- Issue files
- Remote screen projection
- Kiosk Model
- Send a message
- Display Off immediately
- Boot up now
- Language settings
- Shutdown
- Display Off settings
- Image Mode Settings
- Send alert
- Timer switch
- Sound Mode Settings
- Remote control
- Install APK
- Forbid installation of apk
- Send wallpaper

Confirm

7.2.2 Delete account

Control points will be recalled when subordinate accounts are deleted.

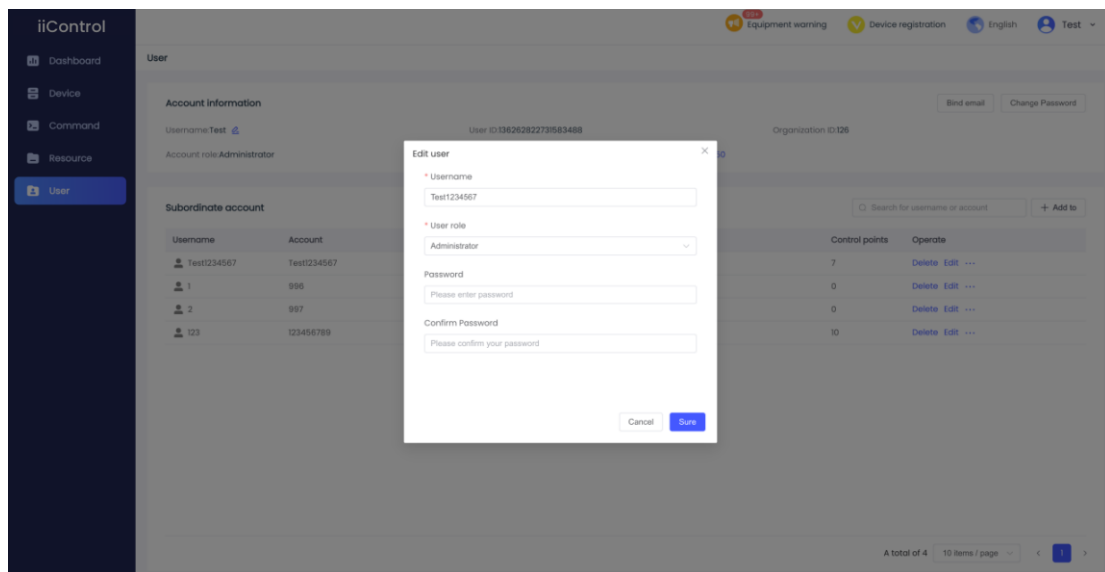


The screenshot shows a table titled "Subordinate account" with columns: Username, Account, Creation time, Role, and Control points. A confirmation dialog box is overlaid on the table, asking "Are you sure you want to delete this user?" with "Cancel" and "Sure" buttons.

Username	Account	Creation time	Role	Control points	Actions
Test1234567	Test1234567	2024-09-07 16:38:38	Administrator	7	Delete Edit ...
1	996	2024-09-11 14:41:04	Administrator	0	Delete Edit ...
2	997	2024-09-11 14:42:03	Administrator	0	Delete Edit ...
123	123456789	2024-10-15 14:28:43	General user	10	Delete Edit ...

7.2.3 Edit account

The [User Name], [User Role], and [Password] of subordinate accounts can be modified.



The screenshot shows the iiControl user management interface. A dialog box titled "Edit user" is open, allowing modification of user details. The dialog includes fields for Username (Test1234567), User role (Administrator), Password, and Confirm Password. The background shows the user's account information and a table of subordinate accounts.

Account Information

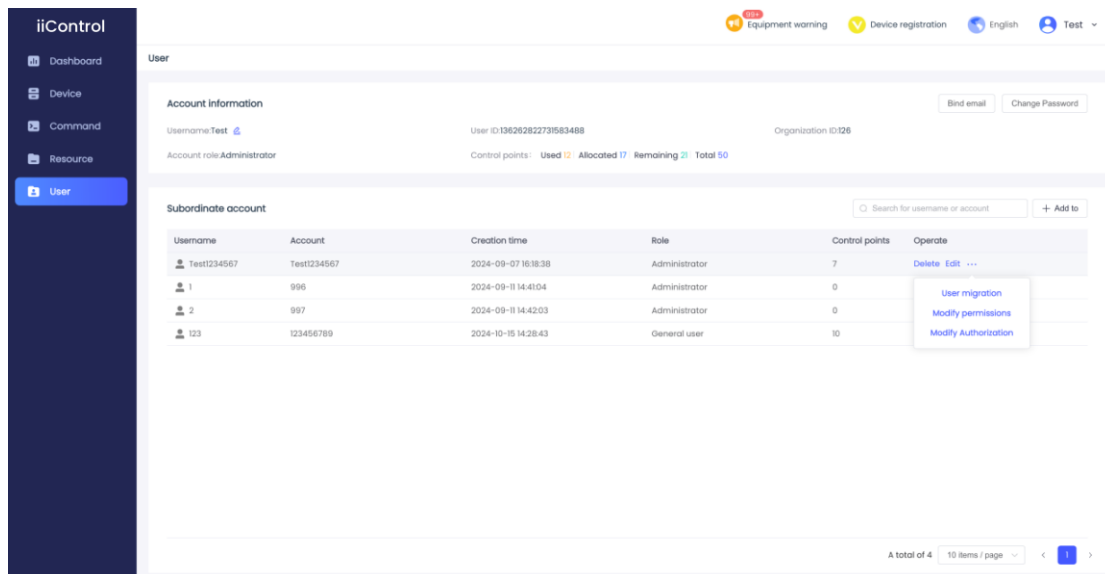
Username: Test
Account role: Administrator
Organization ID: 126

Subordinate account

Username	Account	Control points	Operate
Test1234567	Test1234567	7	Delete Edit ...
1	996	0	Delete Edit ...
2	997	0	Delete Edit ...
123	123456789	10	Delete Edit ...

7.2.4 More

Show more operations, such as [User Migration], [Modify Permission], [Modify Authorisation].

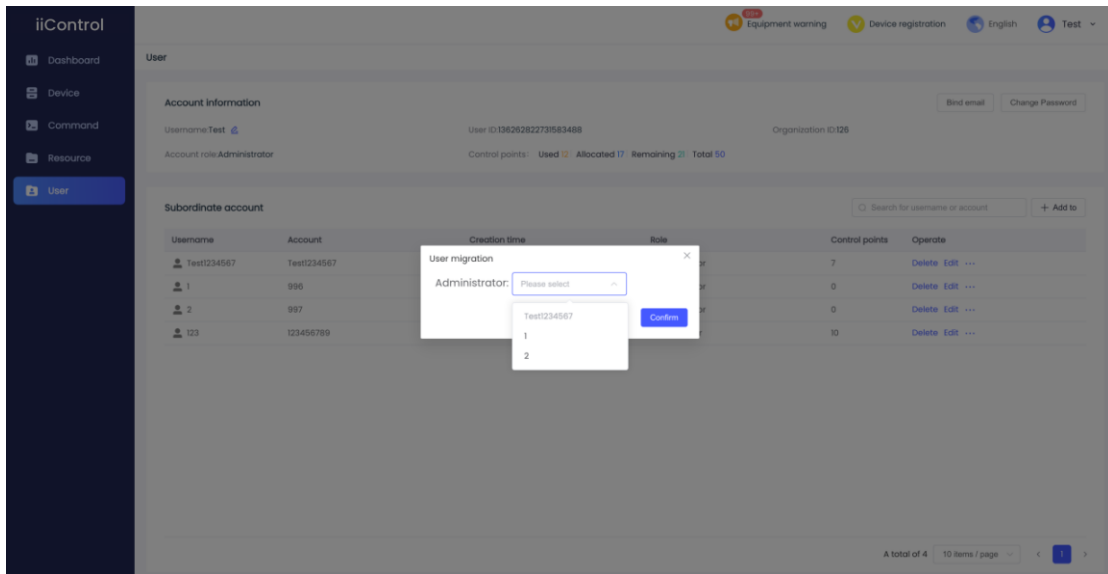


The screenshot displays the iiControl user management interface. On the left is a dark blue sidebar with navigation options: Dashboard, Device, Command, Resource, and User (highlighted). The main content area is titled 'User' and shows account details for 'Test'. At the top right, there are status indicators for 'Equipment warning', 'Device registration', and 'English', along with a user profile 'Test'. The 'Account information' section includes fields for Username (Test), User ID (13826282731583488), Organization ID (126), and Account role (Administrator). It also shows control points: Used 12, Allocated 17, Remaining 26, Total 50. Below this is the 'Subordinate account' section with a search bar and an '+ Add to' button. A table lists subordinate accounts with columns for Username, Account, Creation time, Role, Control points, and Operate. A dropdown menu is open over the 'Operate' column, showing options: 'User migration', 'Modify permissions', and 'Modify Authorization'. At the bottom right, it indicates 'A total of 4' items and '10 items / page'.

Username	Account	Creation time	Role	Control points	Operate
Test1234567	Test1234567	2024-09-07 16:18:38	Administrator	7	Delete Edit ...
1	996	2024-09-11 14:41:04	Administrator	0	User migration Modify permissions Modify Authorization
2	997	2024-09-11 14:42:03	Administrator	0	
123	123456789	2024-10-15 14:28:43	General user	10	

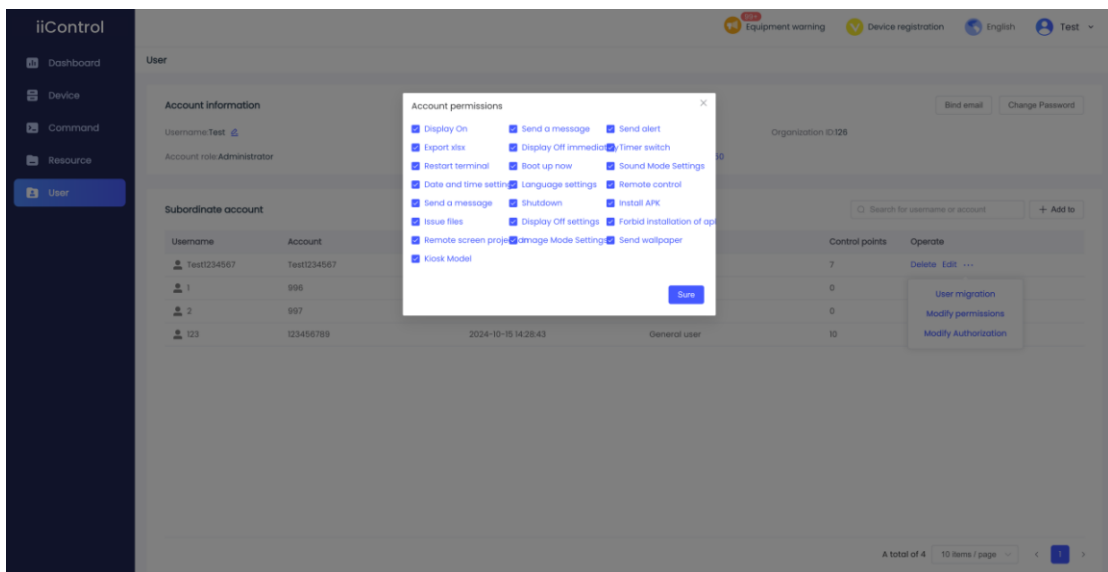
7.2.4.1 User migration

When the subordinate administrator account needs to be cancelled before, you can click [User Migration] to migrate all the accounts in the administrator account to other administrator accounts.



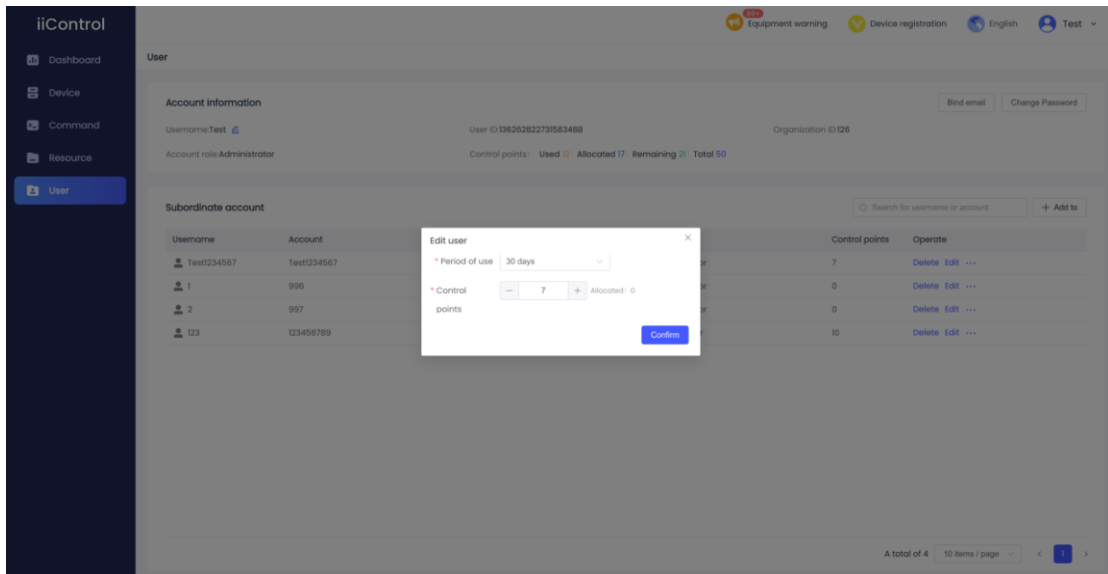
7.2.4.2 Modify Permission

You can modify the permissions of this subordinate account, and the contents of the permissions are shown below.

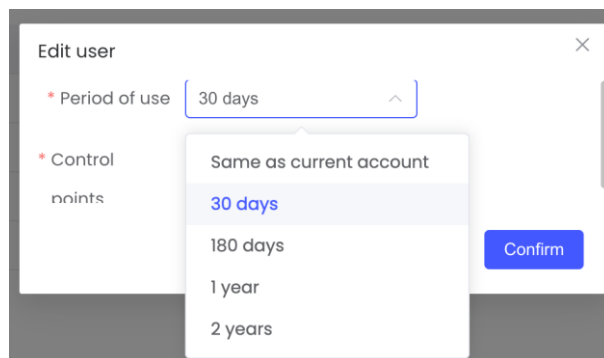


7.2.4.3 Modify Authorisation

Can modify the [Period of Use] and [Control Points] of the subordinate account.



The period of use can be selected from [same as current account], [30 days], [180 days], [1 year], [2 years].



The content of this document depends on the actual product