



UbiBot[®] Public IoT Platform

Console User Guide

www.ubibot.com

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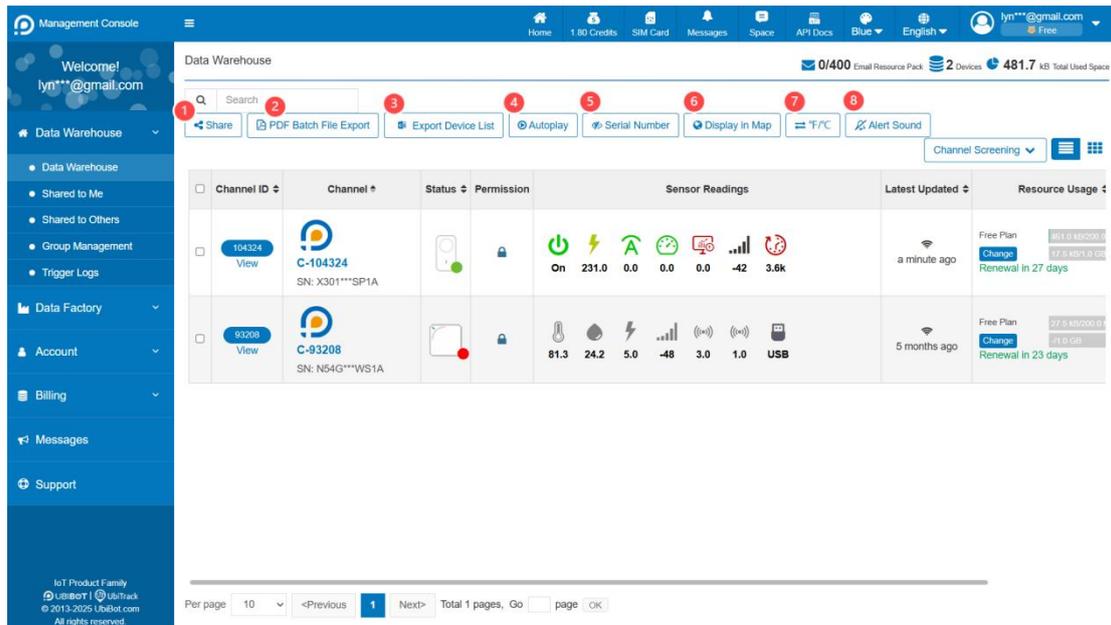
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I. Data Warehouse

i. Data Warehouse

Users can view the real-time data of the device, with the basic information of the account. Select the device name or space number to go to device homepage.

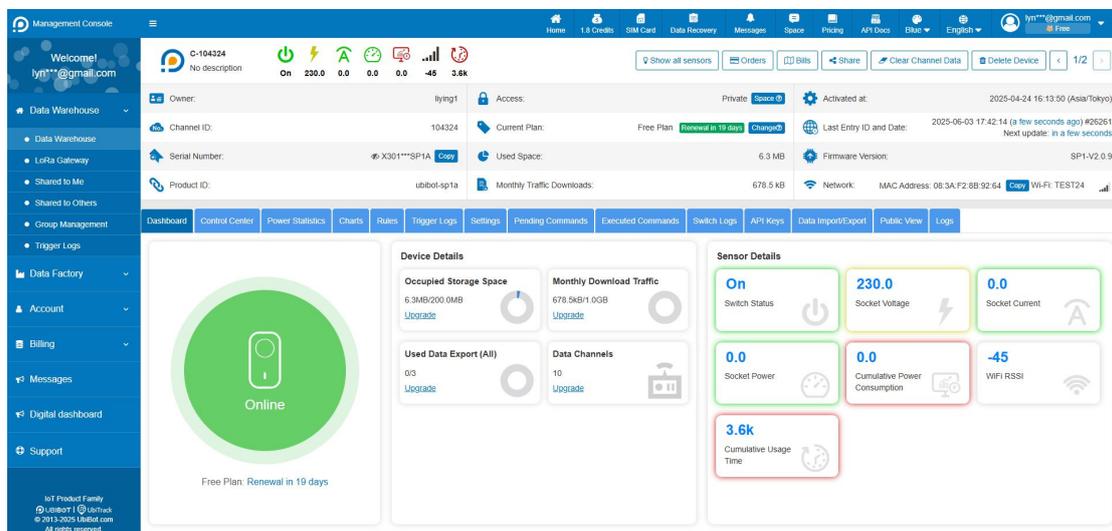


No.	Function	Description
1	Share	Share the specified device in the account with other users.
2	PDF Batch File Export	Select multiple devices at the same time, and export the historical data of the devices to be stored locally in PDF format.
3	Export Device List	You can export the list of devices in the account, including the device name and serial number and other information.
4	Autoplay	When there are more devices in the account, you can use the autoplay function to cycle through the list every 10s to achieve the automatic page turning function.
5	Serial Number	Hide or show serial number.

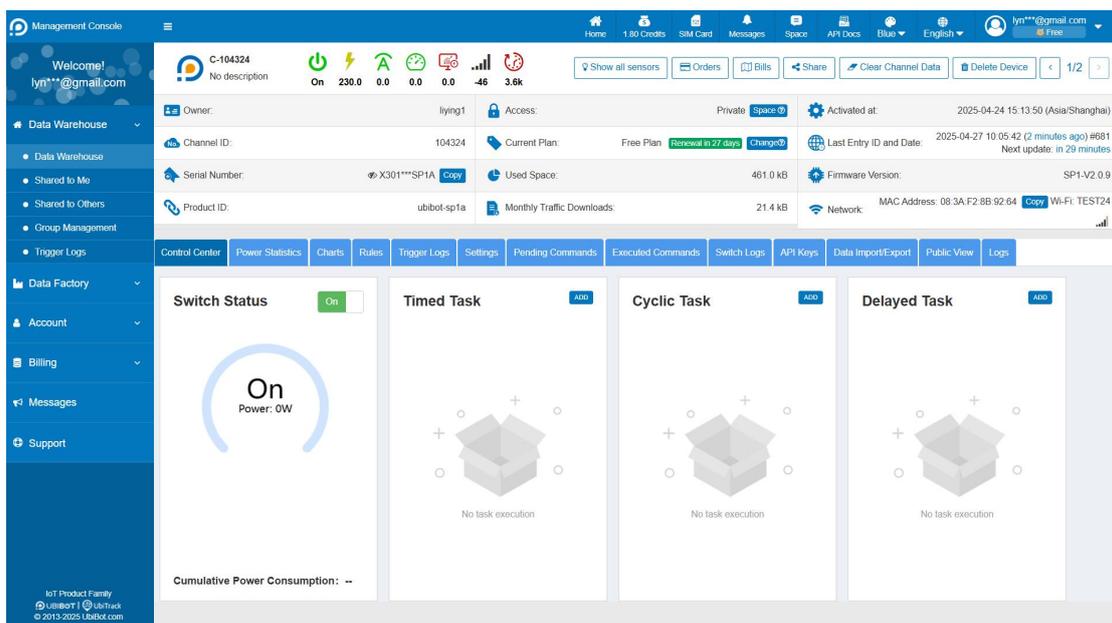
6	Display in Map	Change the default display to map mode.
7	°C/°F	Switch platform temperature unit, Celsius/Fahrenheit.
8	Alert Sound	Sound alerts can be emitted on the web side when an alert is triggered.

a. Dashbord

Directly view current device status, device details and sensor details.

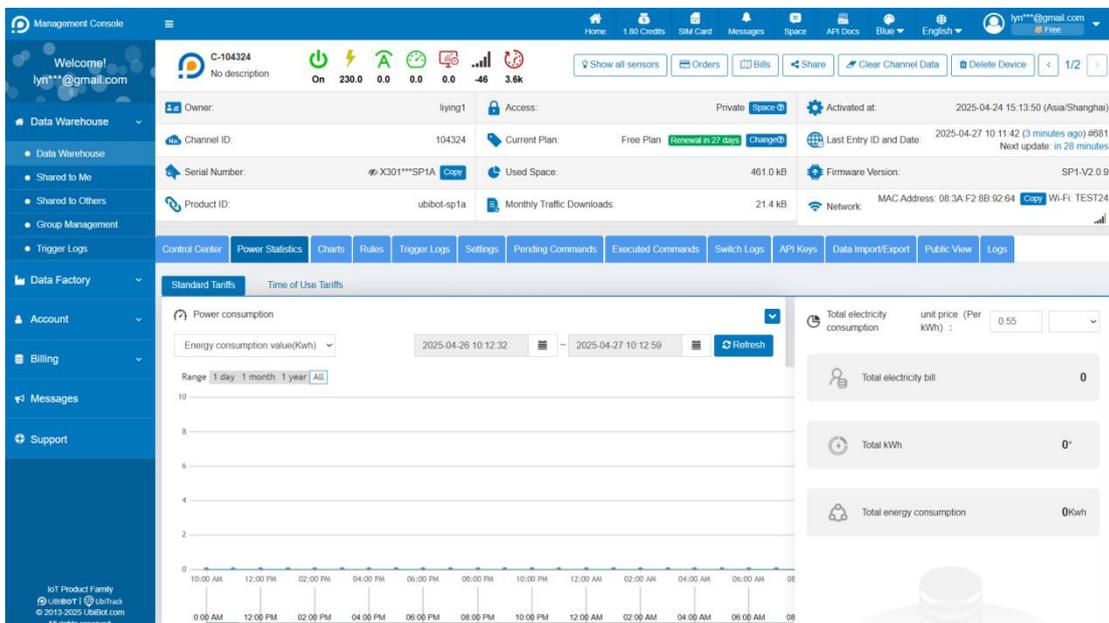


b. Control Center (Only for SP1, NR1 and other intelligent control series devices)



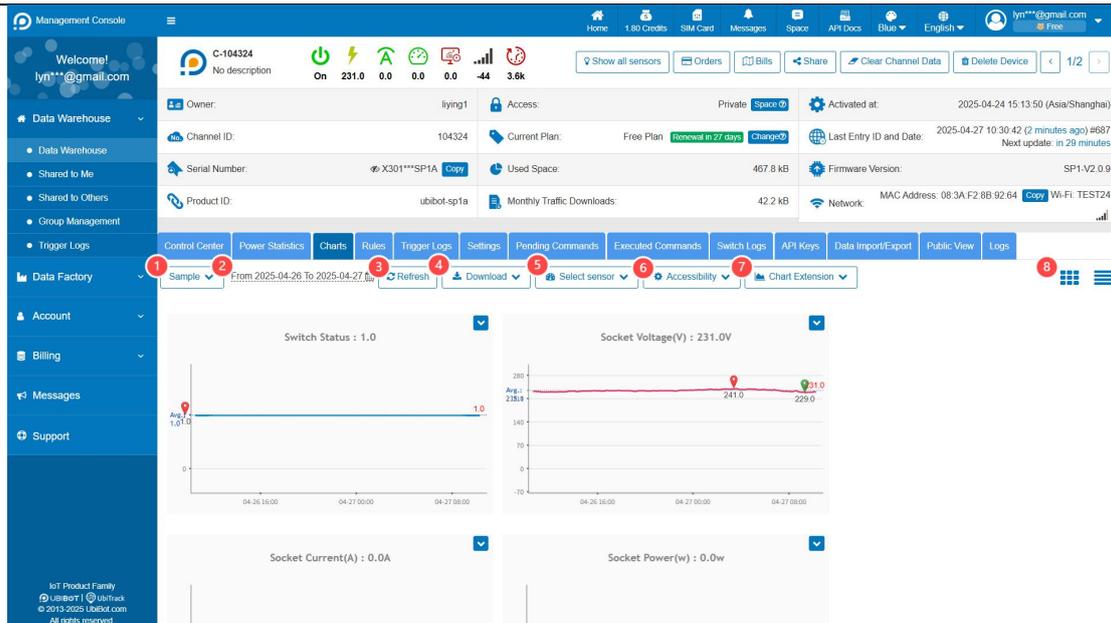
- Switch/Relay Status: Supports viewing and remote control of switches and relay devices. Relays support advanced control features, including batch control and flash on/off settings.
 - Timed Task: Timer switch on/off can be set, e.g. daily 8:00 switch on.
 - Cyclic Task: Set any cycle of on and off cyclic operation, such as 10 minutes on and 10 minutes off, and repeating the cycle.
 - Delayed Task: You can set a delay for turning on/off, such as turning off after a 10-minute delay.
- c. Power Statistics (Only supports SP1 series)

SP1 series devices have the function of electricity statistics, which can support the electricity statistics function. Support standard tariff/time-sharing tariff statistics, intuitive view of power energy consumption.



d. Charts

Device data can be viewed and graphically displayed.

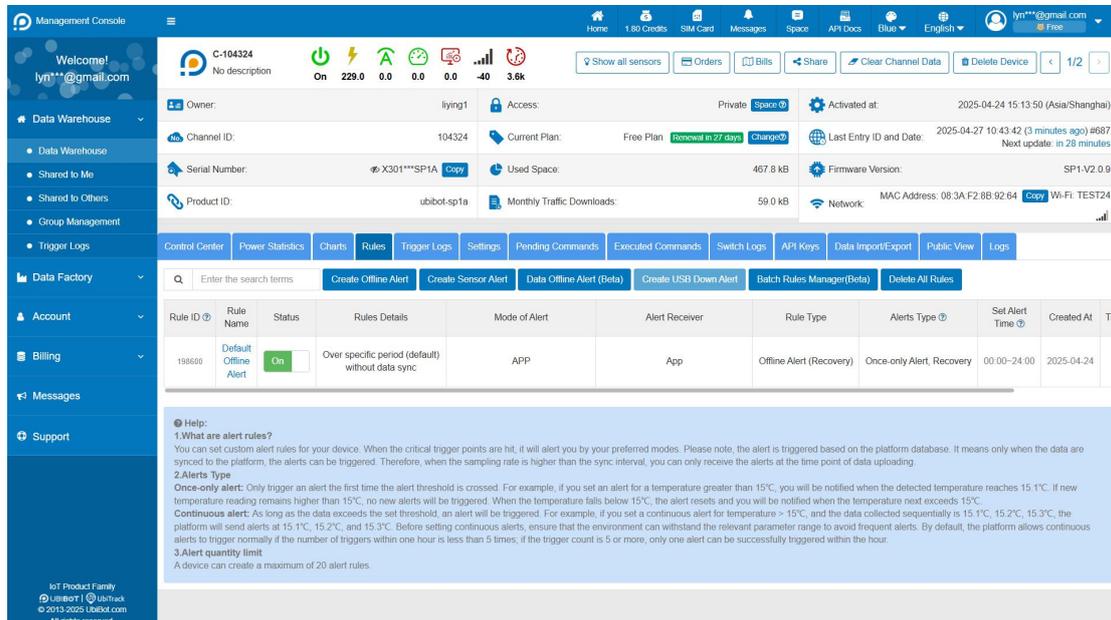


No.	Function	Description
1	Sample	Selectable graphical display of sampling values, average values, maximum values, etc.
2	Time	Graphical display of time periods
3	Refresh	Synchronised updates
4	Download	Downloadable preview of raw data, raw data entries or hourly average summaries.
5	Select Sensor	Individual query of sensor data for a particular sensor only
6	Accessibility	Succinct Mode Display only sensor modules with data
		Sync Comparison Simultaneous display of data from different sensors at the same time with crosshairs when viewing device data graphs.
		Sensor Display Different graph display parameters can be set for different sensor types, including decimal point and Y-axis display range.

		Settings	
7	Chart Extension	Add a Data Point	Manually add data from different sensors
		Auto Fresh Chart	Dynamic line graph to show the latest data of the device, the page is refreshed in real time.
		Statistical Charts	Historical data can be summarized as a bar chart for each sensor
8		Layout	Cell layout or row layout can be selected according to different situations.

e. Rules

Alert rules can be created and managed.



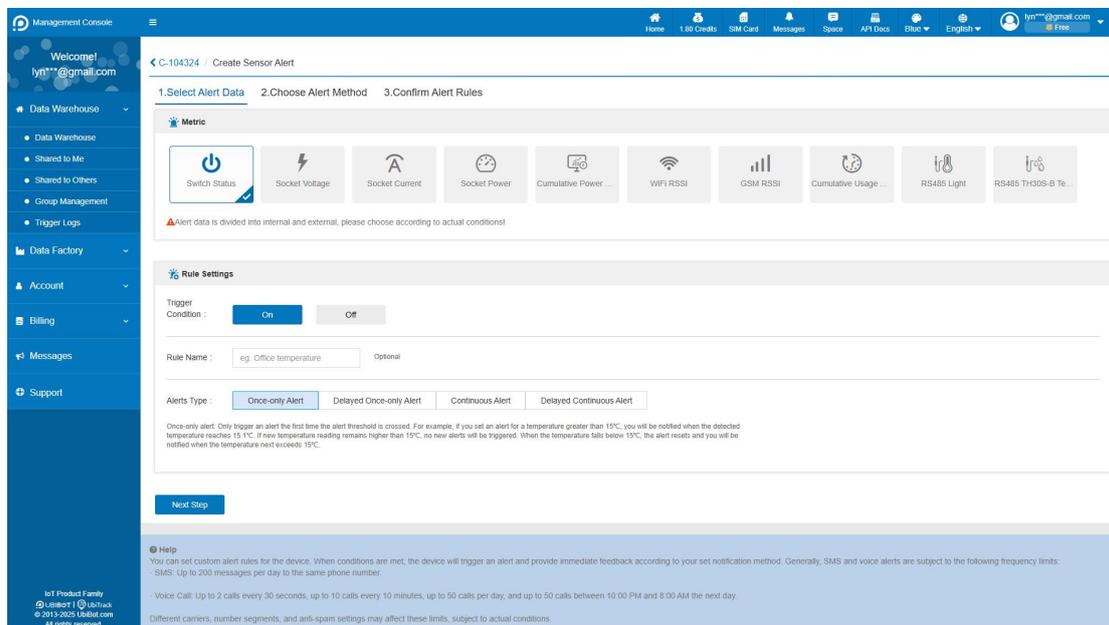
- **Offline Alert:** Detect abnormal conditions such as device disconnection, offline status, or shutdown without data upload, and trigger an alert.
- **Sensor Alert:** According to each sensor data and set conditions to determine

whether to trigger the warning, push, such as high temperature warning, etc.

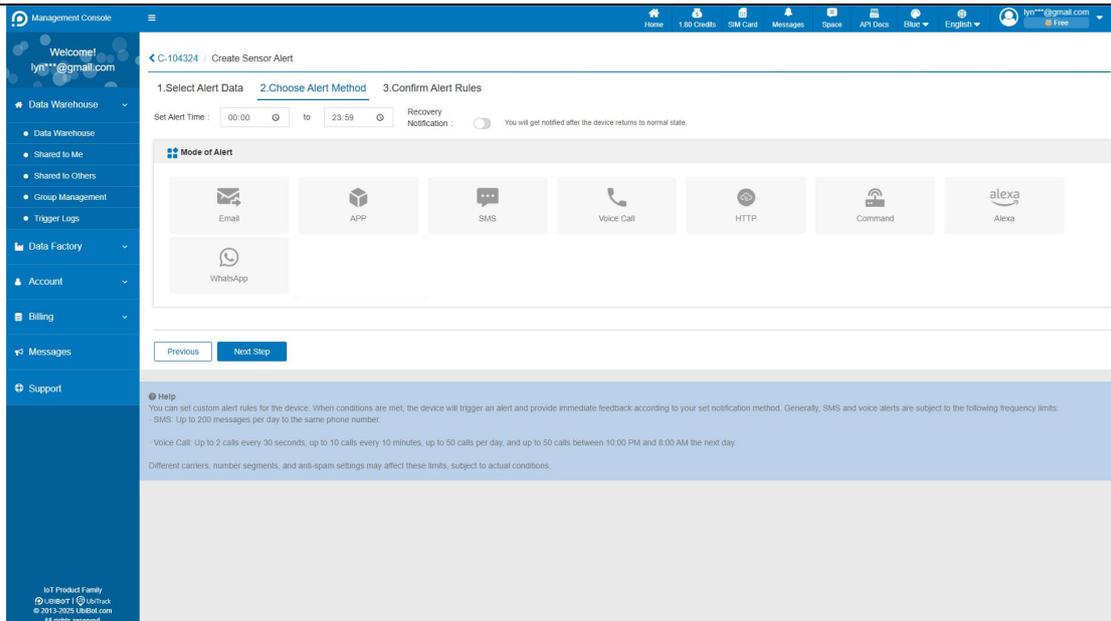
- **Data Offline Alert** : It can be judged that the external probe is not properly connected or faulty and damaged, etc., and does not upload data properly, triggering an early warning.
- **USB Down Alert**: Judgement of external power supply, triggering the warning of utility power disconnection.
- **Batch Rules Manage**: Can be set to multiple devices at the same time the same conditions of the warning, convenient operation and management.
- **Delete All Rules**: Delete all configured alert rules.

Create an alert rule, using data alerts as an example:

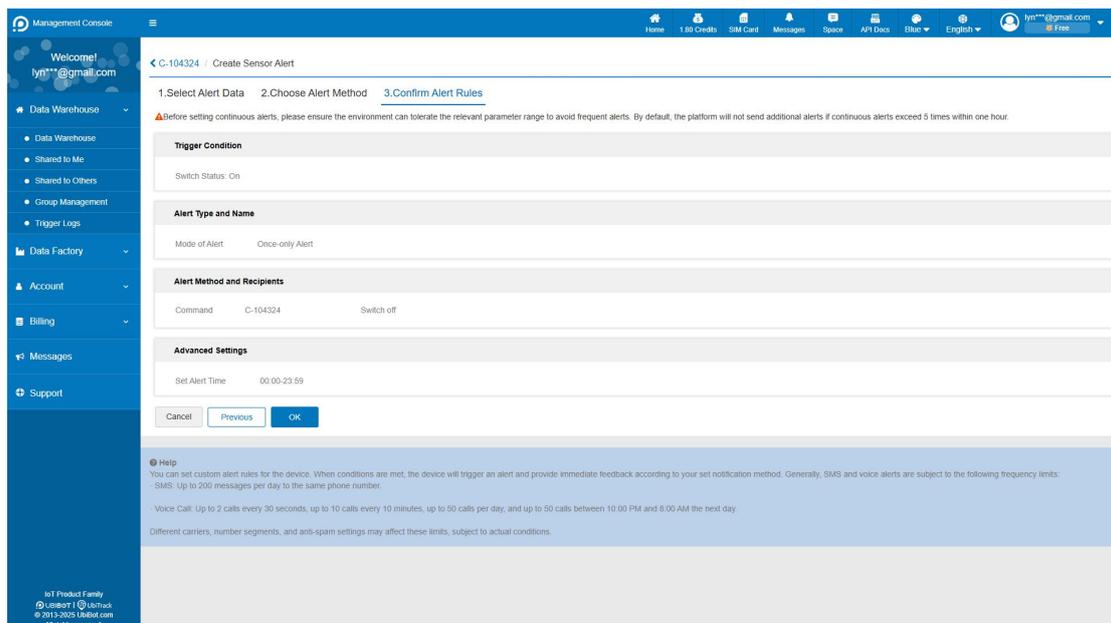
- ① **Select Alert Data**: select warning data and set the conditions, scope, name and type of warning rules.



- ② **Choose Alert Method**: Set alert time, recovery notification, and select mode of Alert. Alarm mode can support eight ways: E-mail alarm, APP alarm, SMS alarm, Voice call alarm, HTTP alarm, Command alarm, Alexa alarm, WhatsApp alarm.

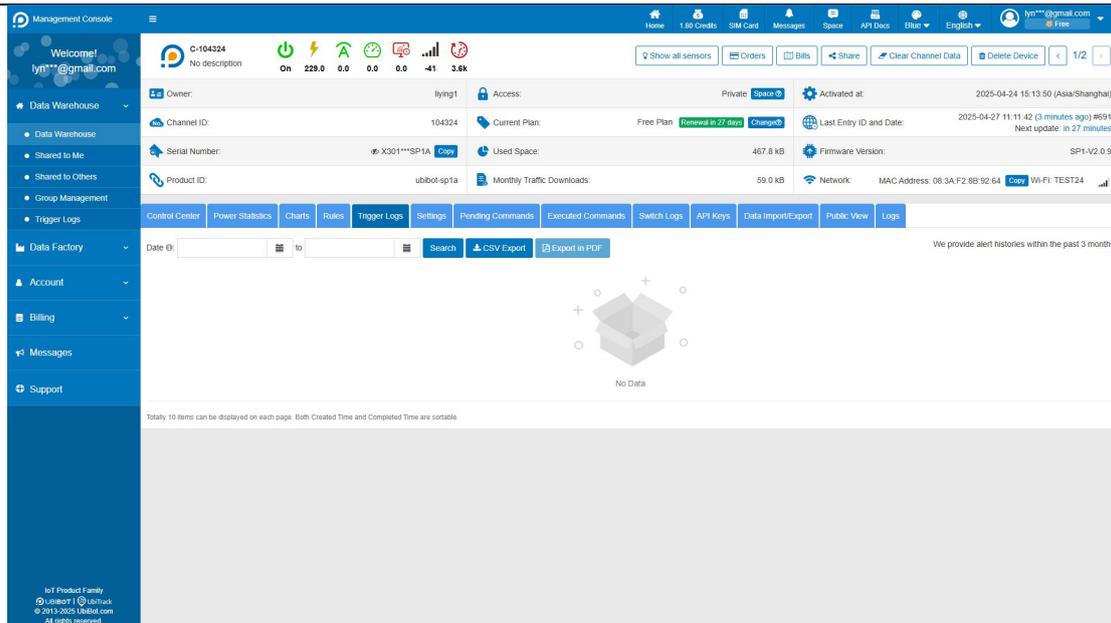


③ Confirm Alert Rules: Confirm the information of the set warning rules.



f. Trigger logs

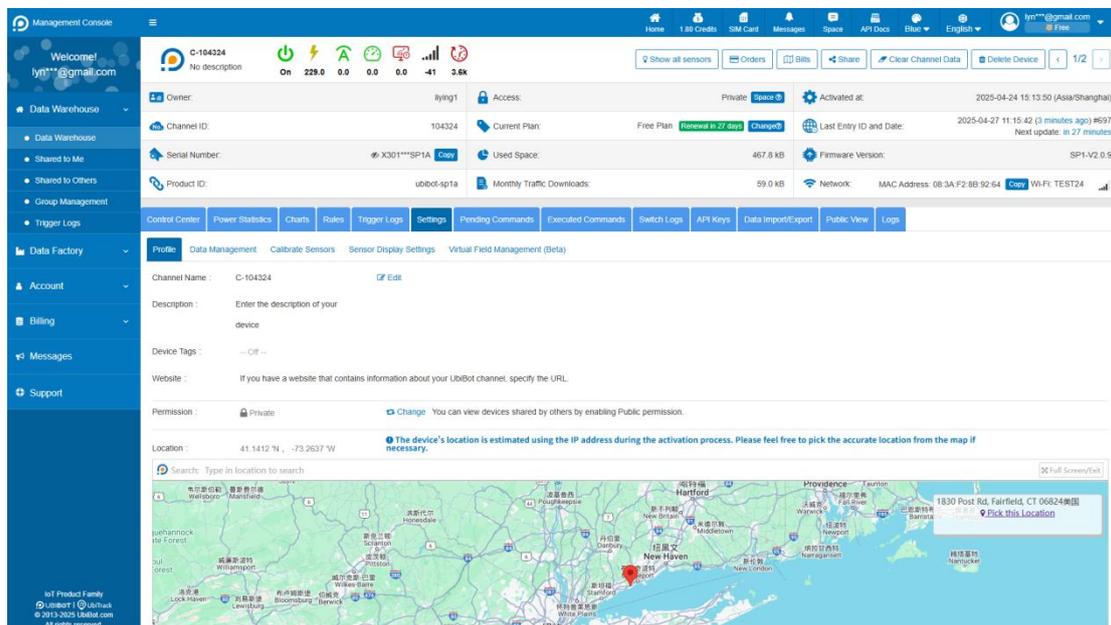
View or export triggered alert records.



g. Settings

① Profile

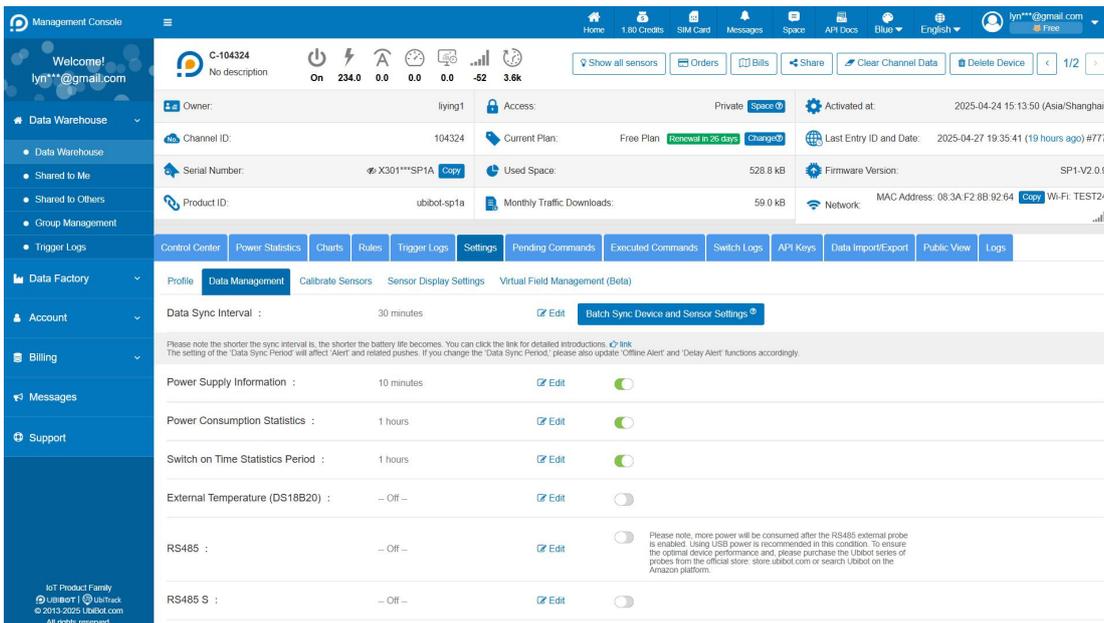
Can set the name and location of the device.



② Data Management

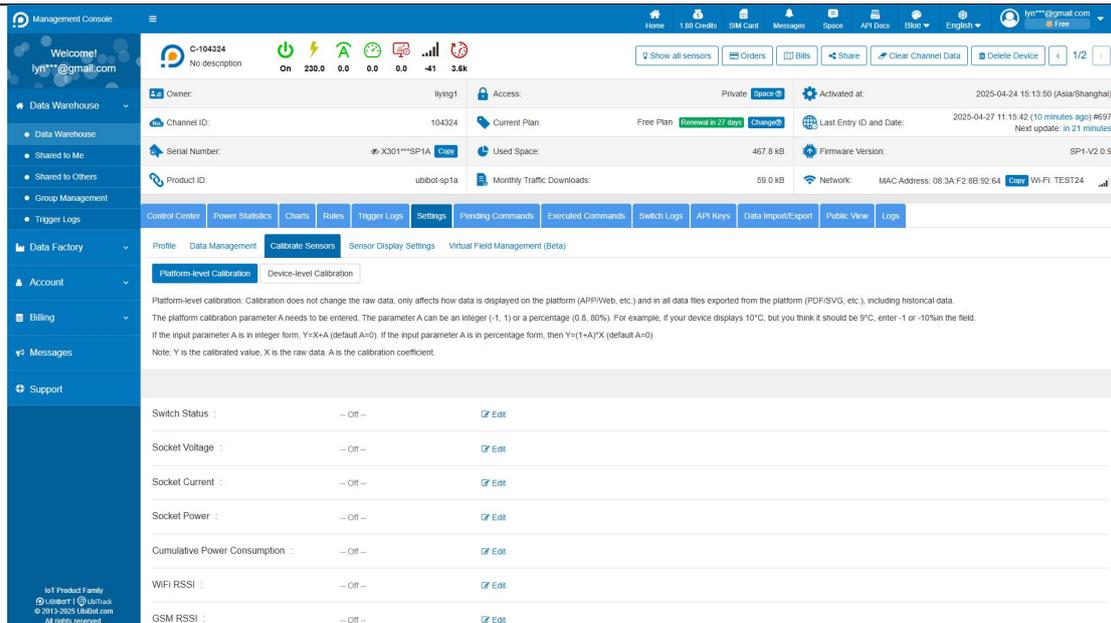
Click Edit to independently set the acquisition frequency and synchronisation period of each sensor of the device, the acquisition frequency setting range is 1 second~24 hours, and the synchronisation period range is 1 minute~24 hours. The

same type of equipment supports batch synchronisation settings.



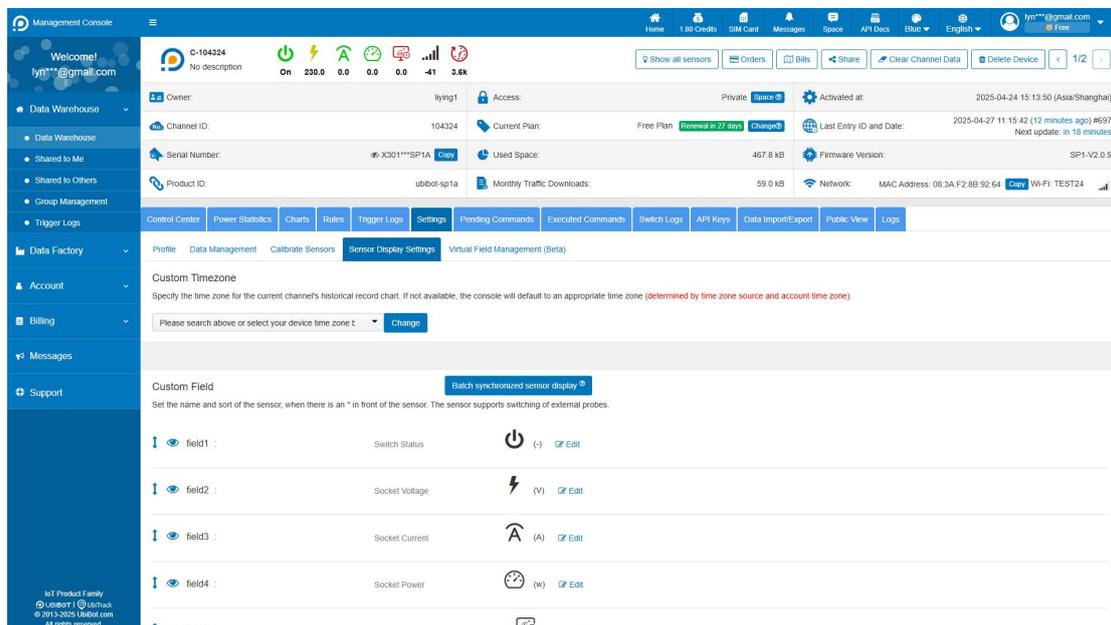
③ Calibrate Sensors

Supports both platform-level and device-level calibration. Platform-level calibration does not change the original data, but only affects the display on the platform (APP/Web) and all data files (PDF/csv, etc.) exported from the platform. Device-level calibration is calibrated to the raw data and takes effect on both the device and the platform. Each sensor data can be calibrated individually by clicking Edit.



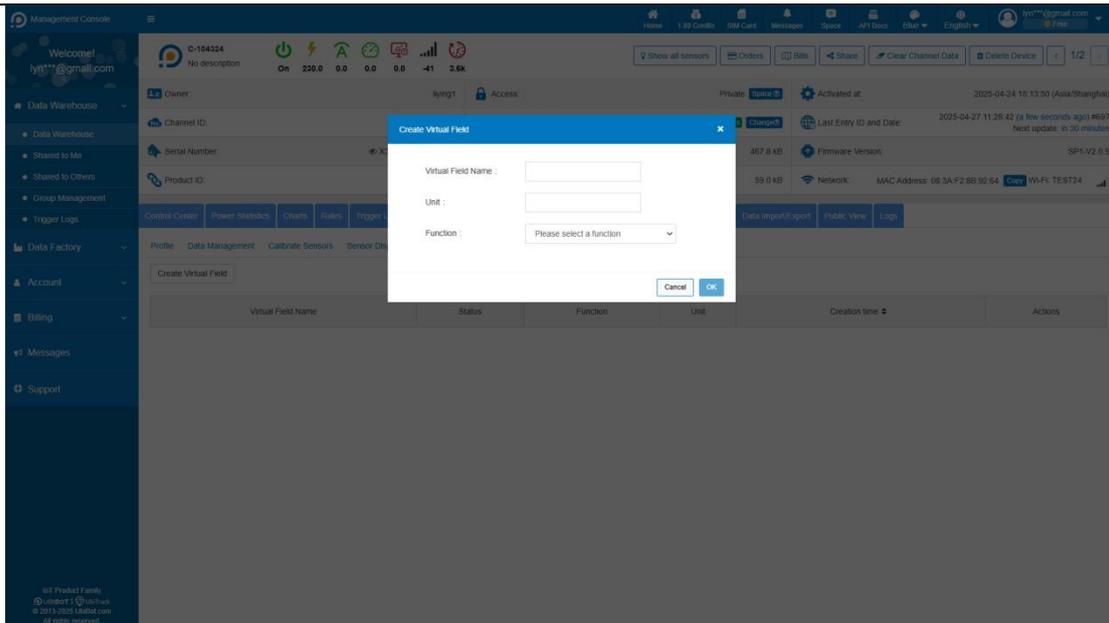
④ Sensor Display Settings

Sensor type and unit displayed on each channel can be set. The same model of device supports batch synchronous setting.



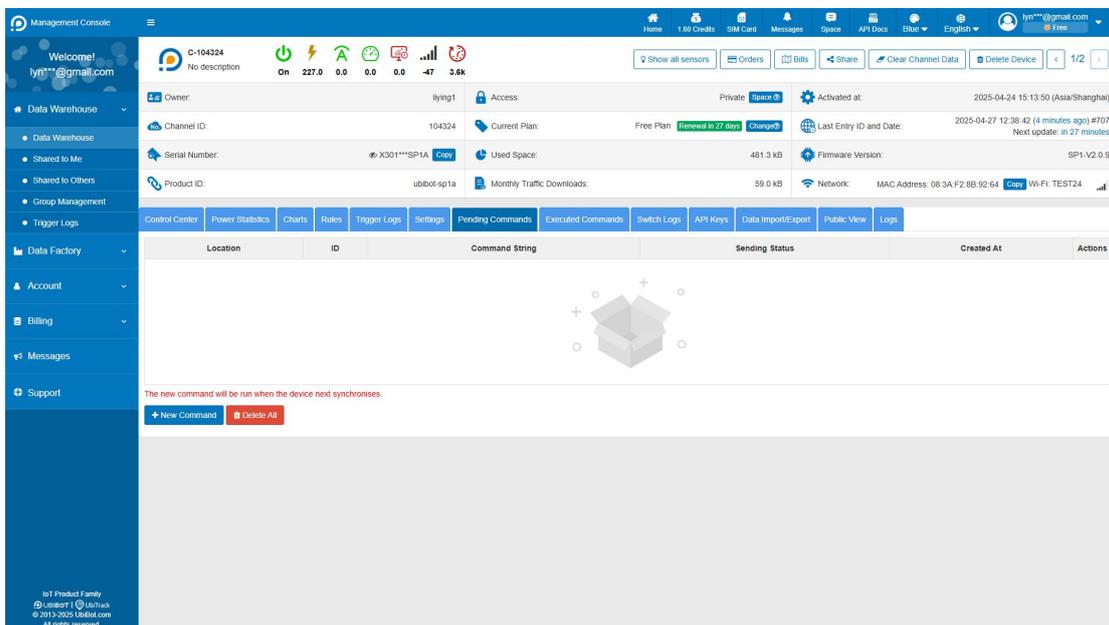
⑤ Virtual Field Management (Beta)

According to the actual data collected by the device, you can set the calculation formula to create virtual data. Click Create Virtual Field, set the virtual field name and unit, and select the function formula.



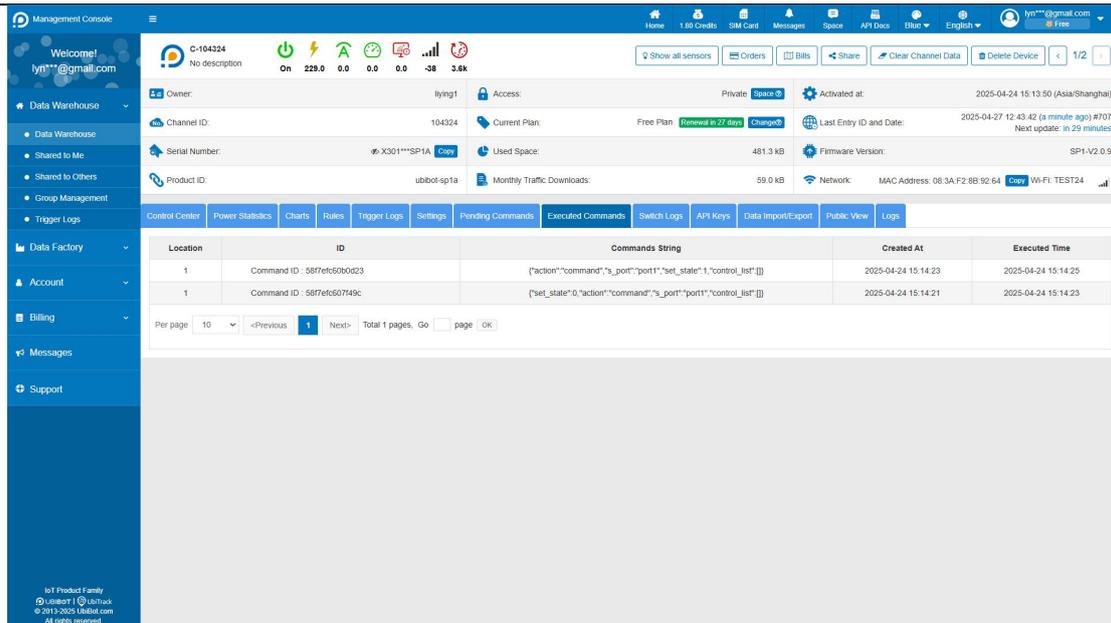
h. Pending Commands

Device commands can be created, sent to and executed by the device according to the device synchronisation cycle, such as OTA upgrade commands.



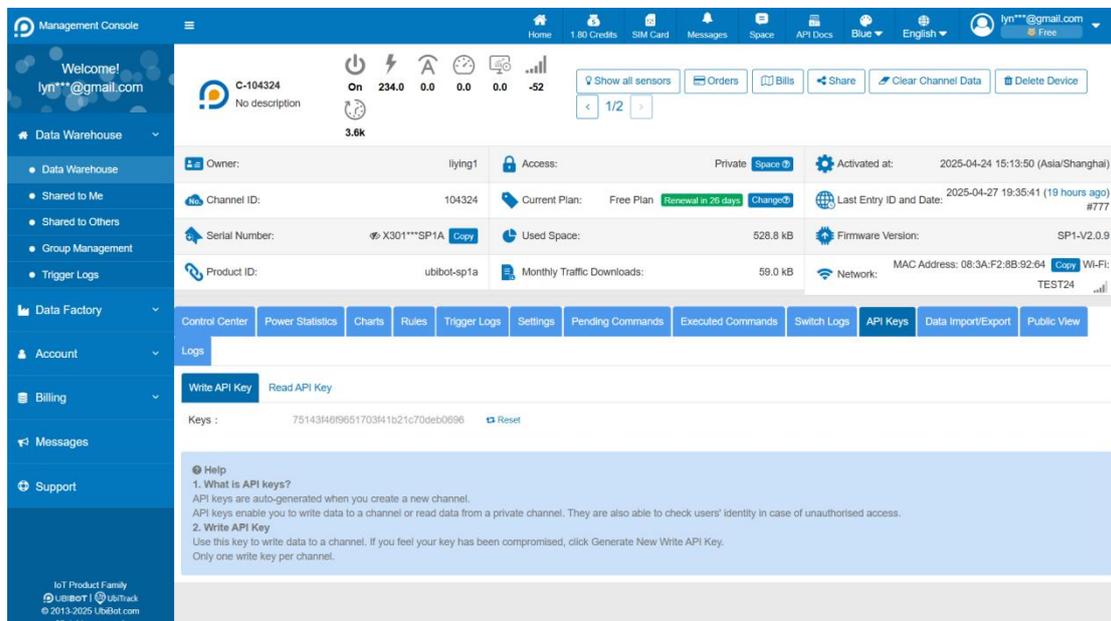
i. Executed Commands

After the created device command is issued to the device, it'll be saved in Completed Commands and can be viewed at any time.



j. API Keys

The 32-bit API key is automatically generated when the space is created. The API key allows you to write data to the space or read data from the personal space, and supports resetting.

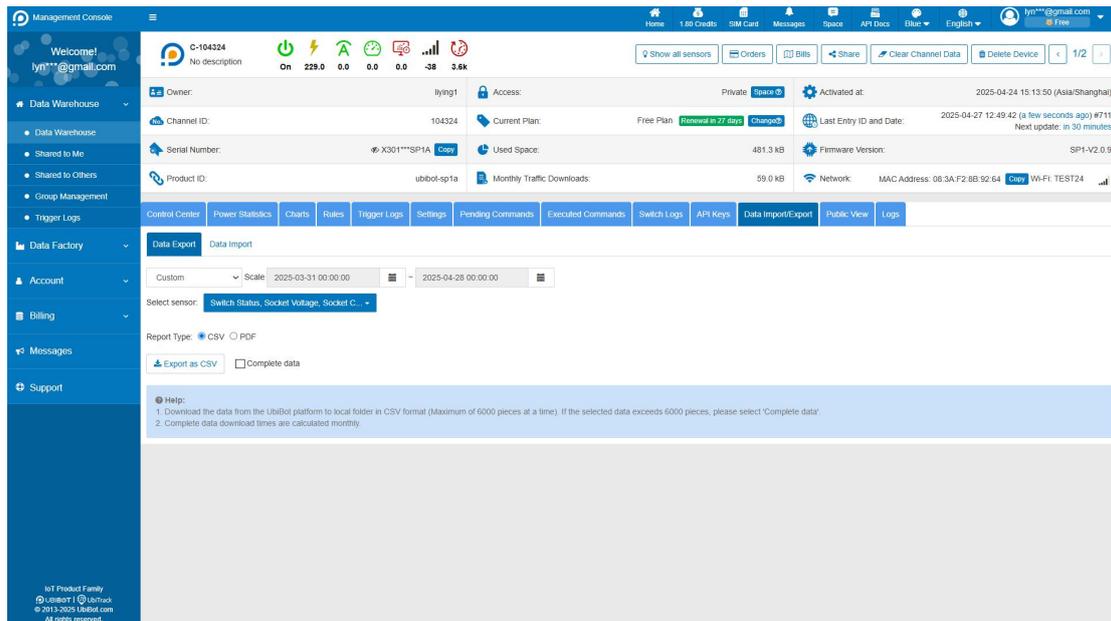


k. Data Import / Export

① Export

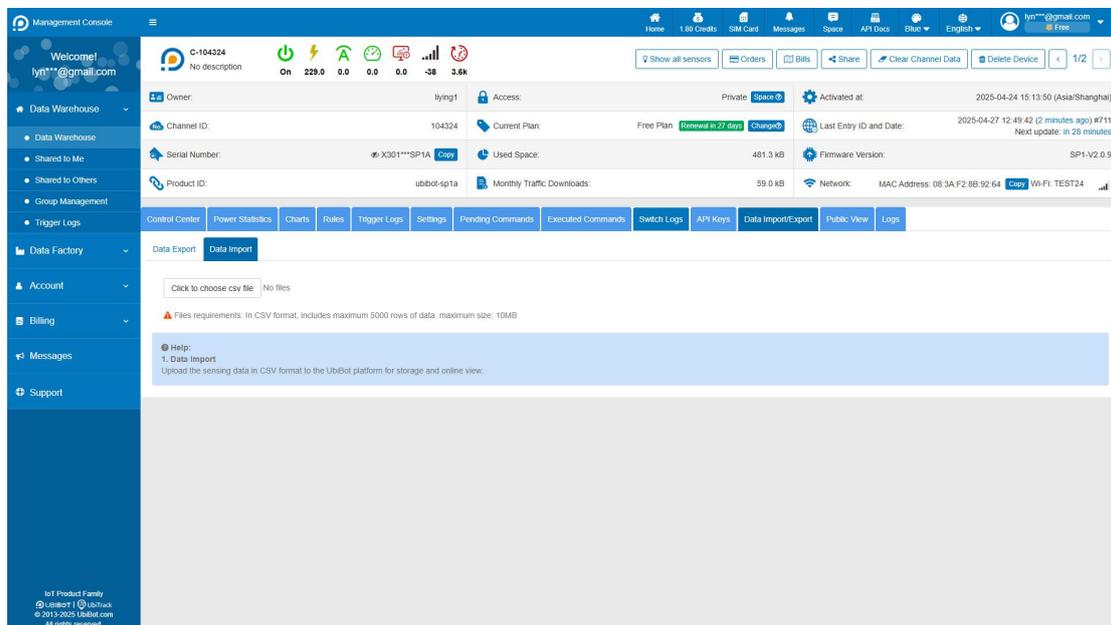
Data from the platform can be exported locally, with the option of selecting the

time period and the sensors to be downloaded, supporting both CSV/PDF formats.



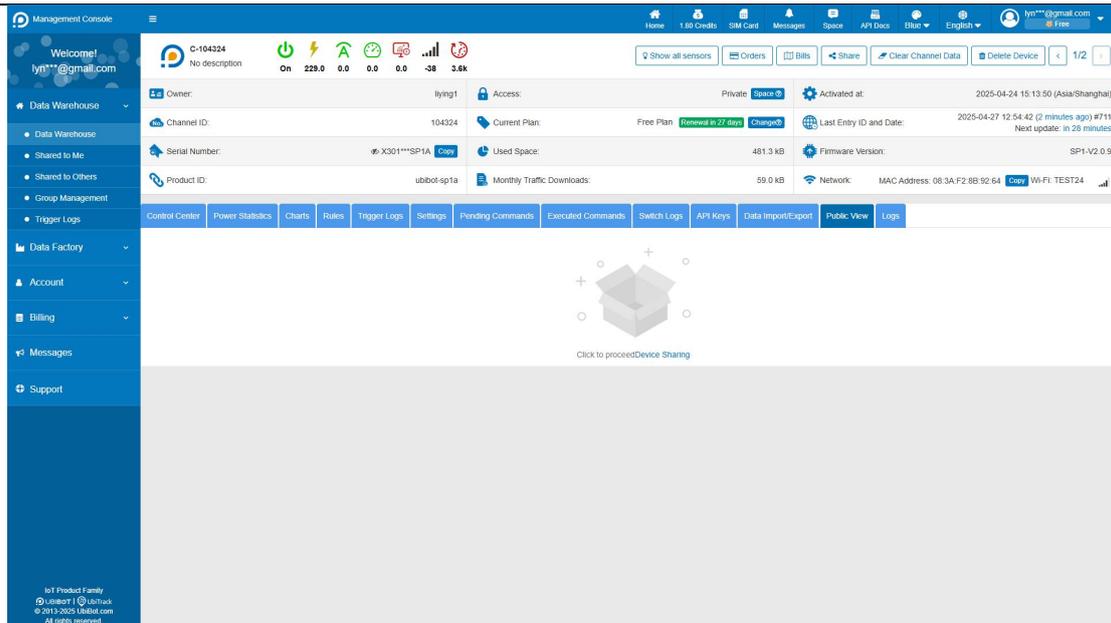
② Import

External data can be imported into the platform in the form of CSV files for storage, with a maximum of 5000 data items and a maximum of 10MB.



I. Public View

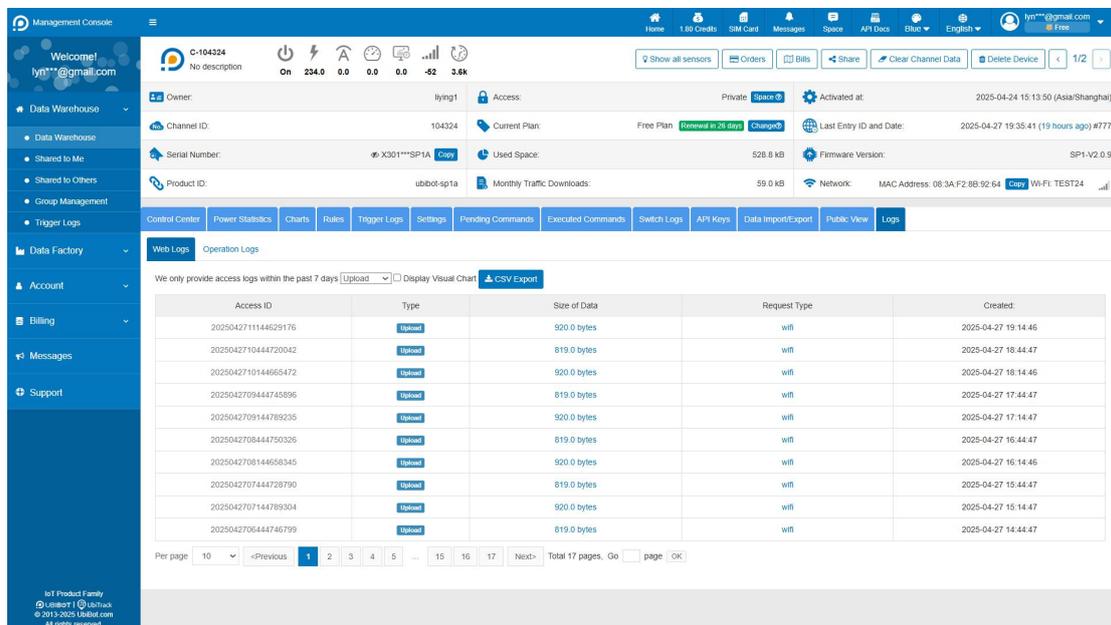
Click Device Sharing to share the device to other accounts for viewing.



m. Logs

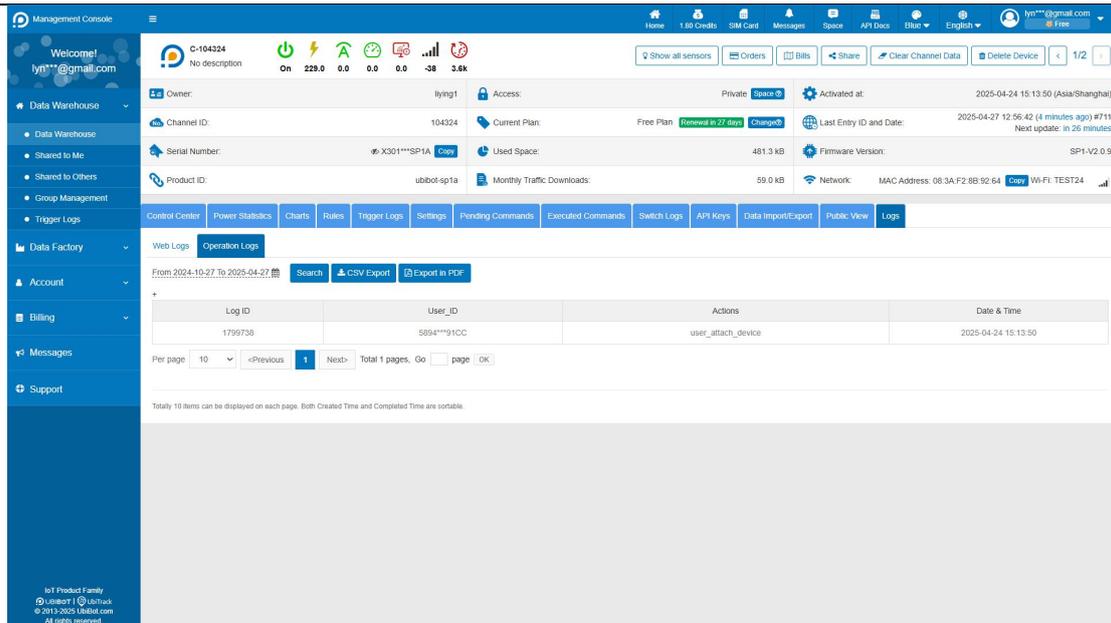
① Web Logs

Upload/download logs for the last 7 days can be viewed or exported with graphical display support.



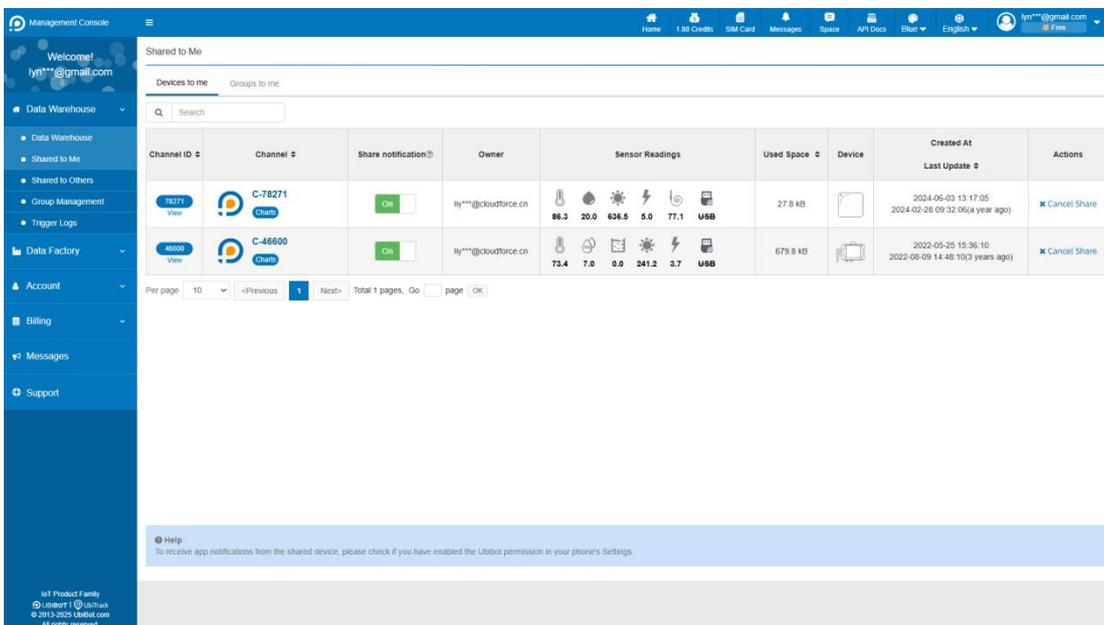
② Operation Logs

View or export device operation logs, supporting CSV and PDF formats.



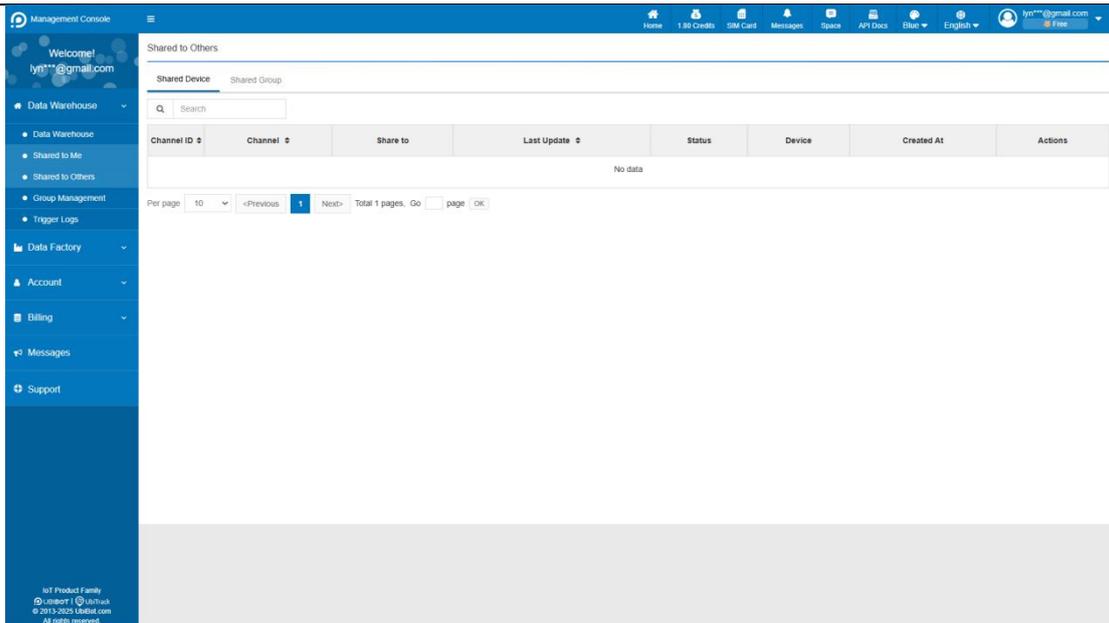
ii. Shared to Me

View the device information that this account shares to other users' specified devices and group management device information.



iii. Shared to Others

View information about the devices that this account has shared to other users' designated devices and group management devices.

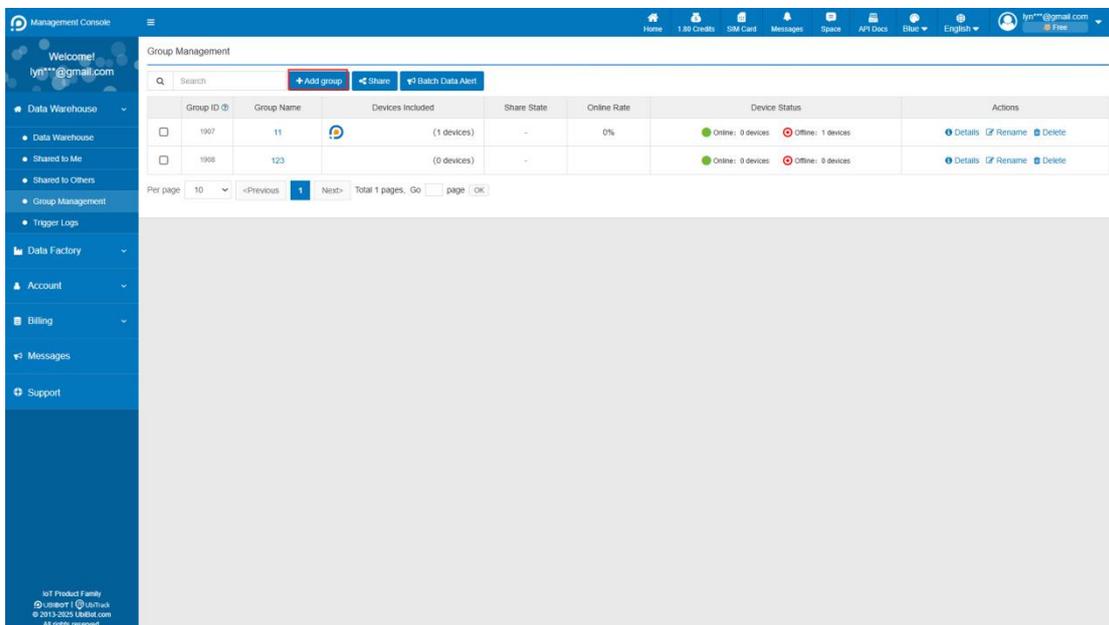


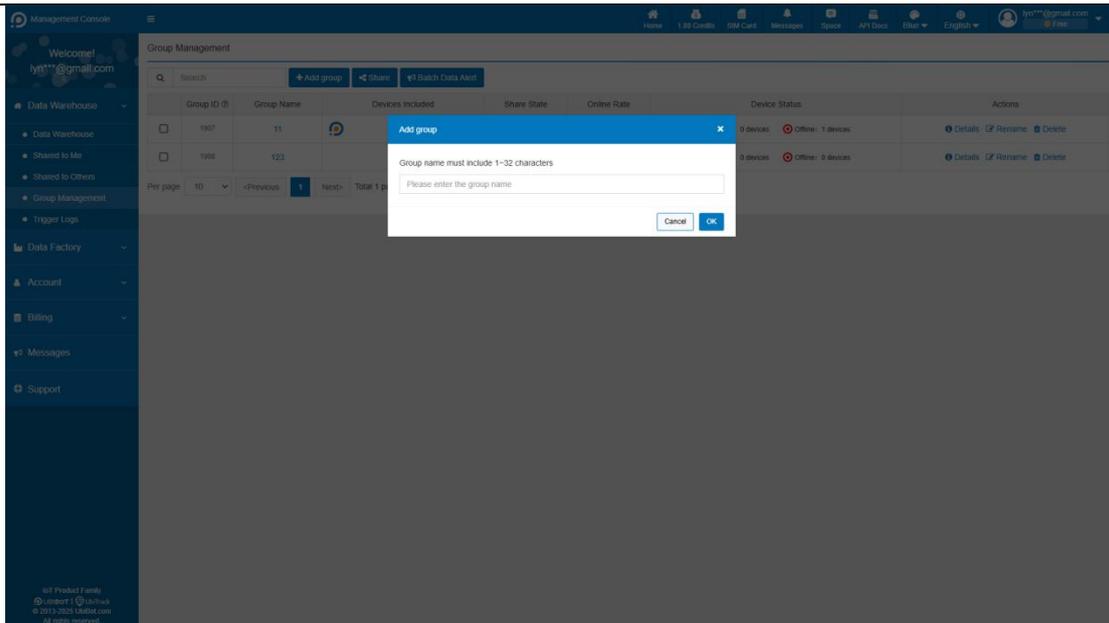
iv. Group management

Groups can be created and managed for devices within the account.

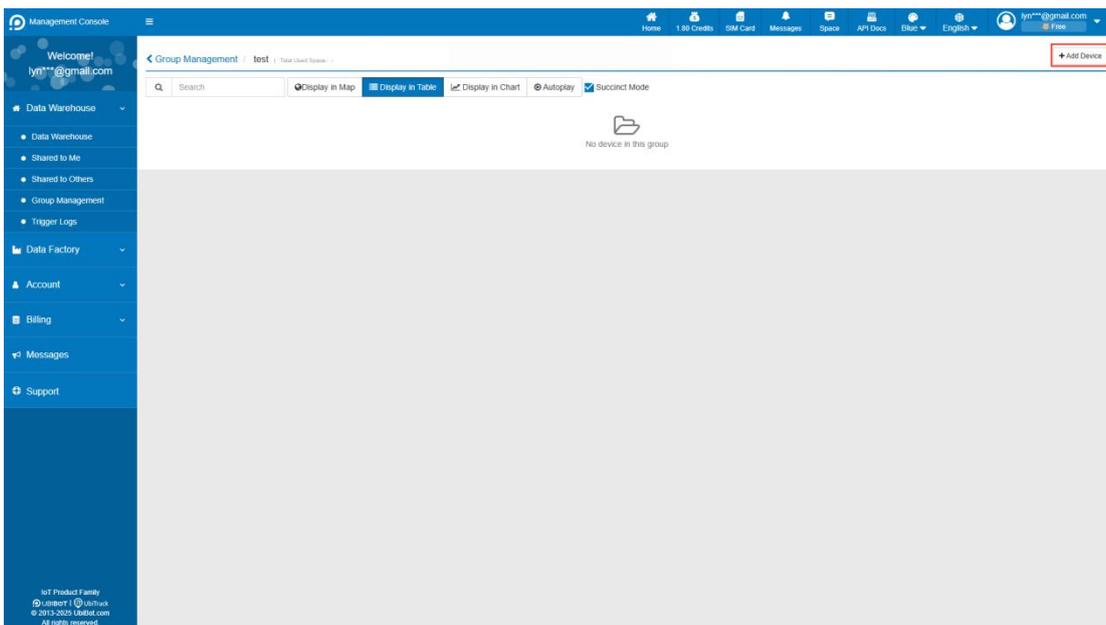
Add group:

- ① Select Add Group and enter a group name.

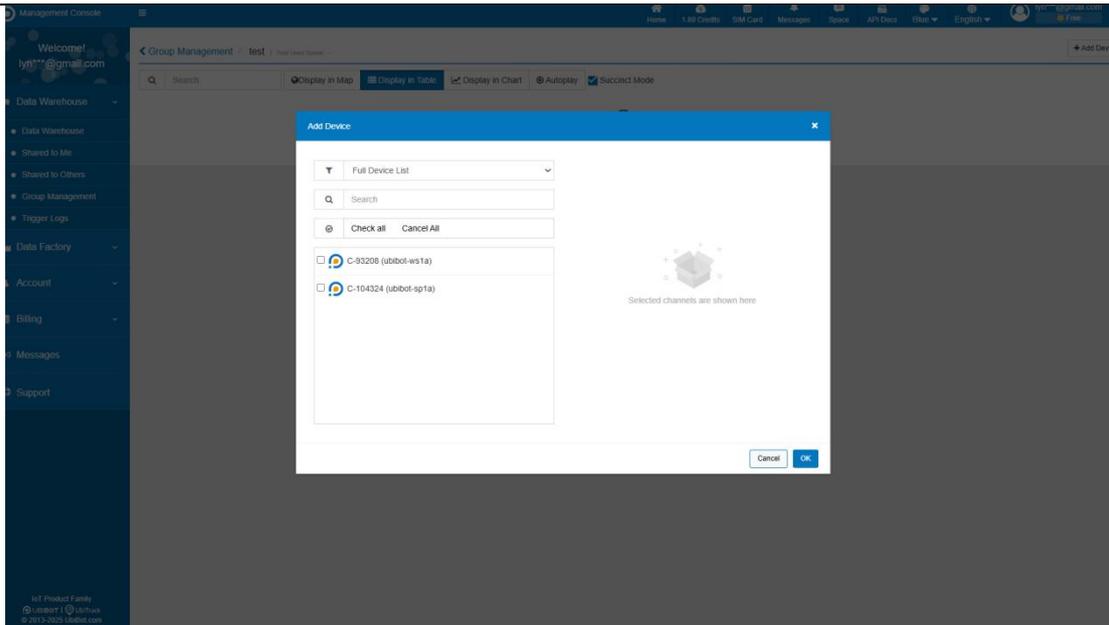




② Select the name of the newly created group to enter the group and click Add Device.

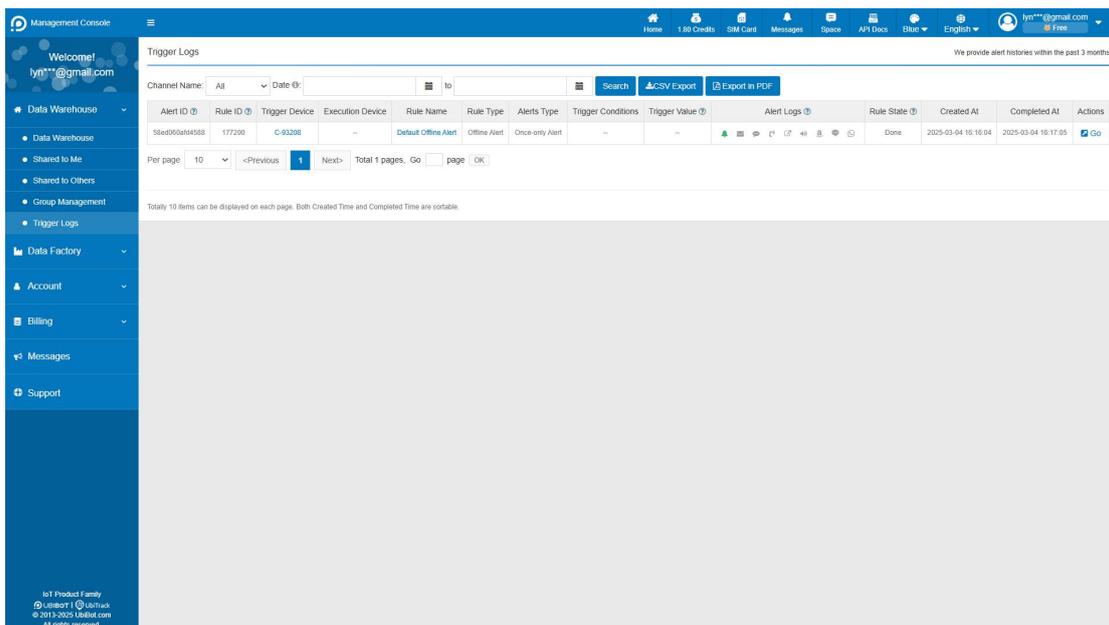


③ After selecting the device, click OK to complete the group setting.



v. Trigger Logs

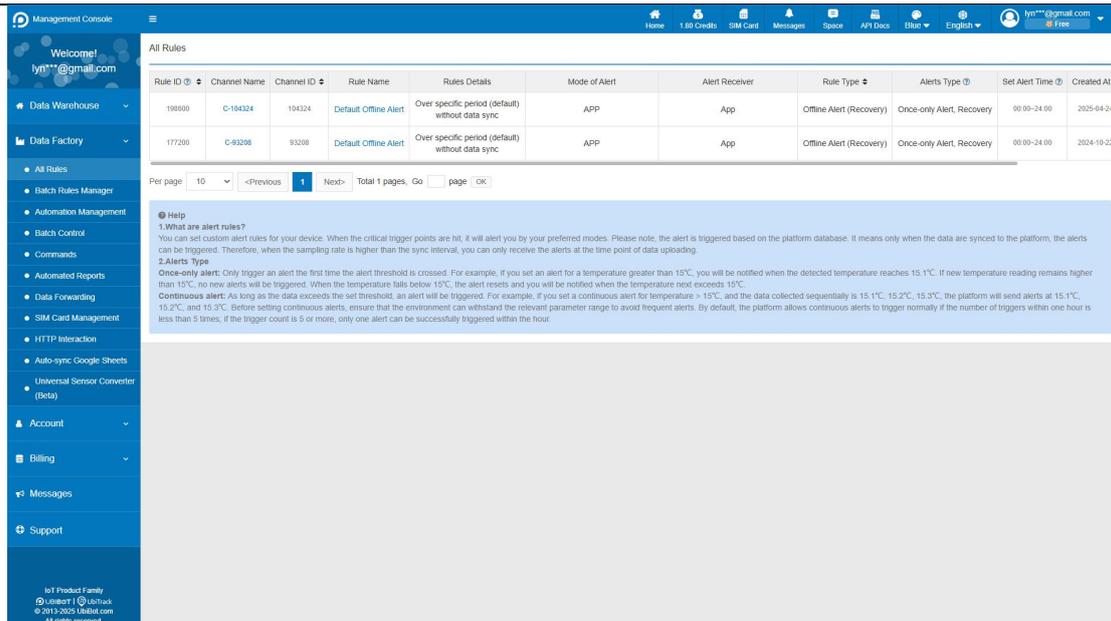
View alert trigger records in the last 3 months, support CSV/PDF export.



II.Data Factory

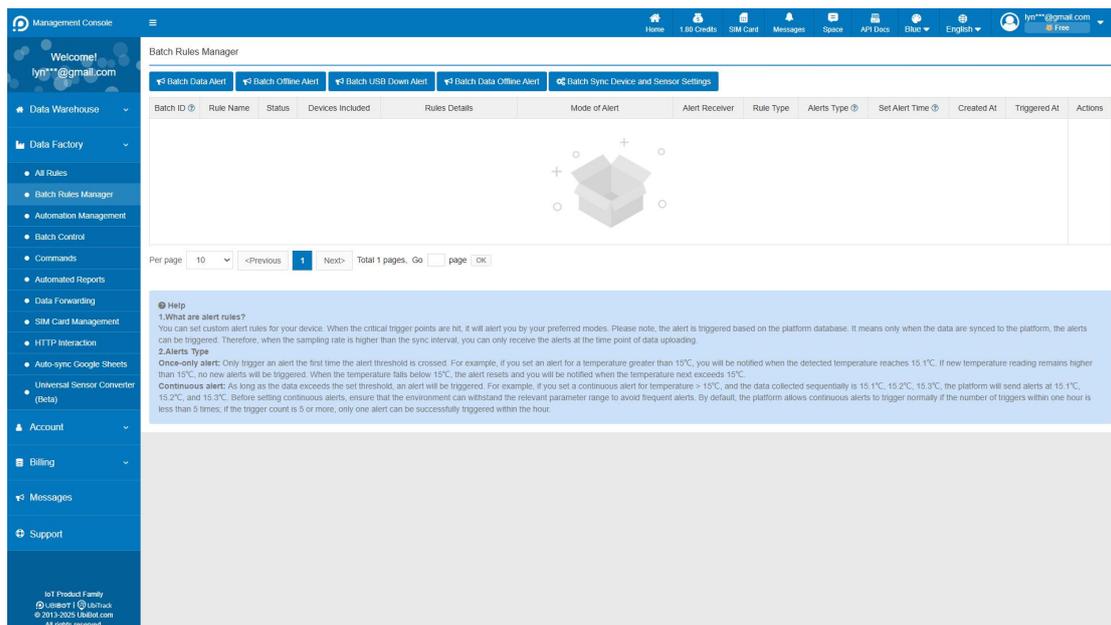
i. All Rules

All rules set up within the account can be viewed.



ii. Batch Rules Manager

View, create and manage batch alert rules.



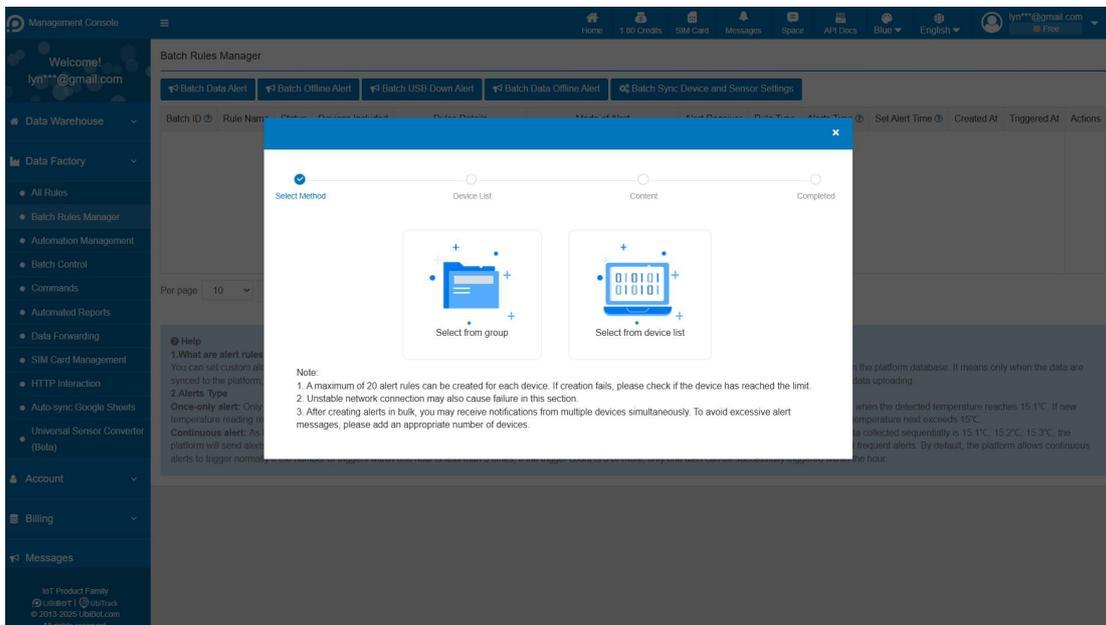
- **Batch Data Alert:** according to each sensor data and set conditions to determine whether to trigger a warning, to push, such as high temperature warning, etc.
- **Batch Offline Alert:** determine the abnormal situation of not uploading data, such as equipment disconnection offline shutdown, and trigger a warning.
- **Batch USB Down Alert :** can judge the external power supply power supply

situation, trigger the utility power disconnection warning.

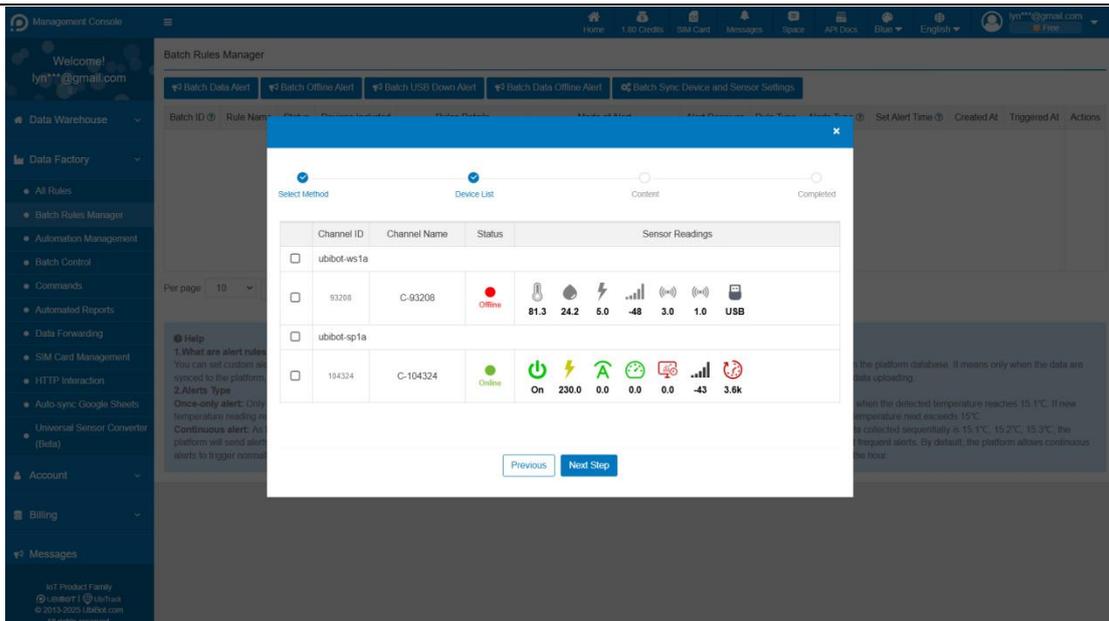
- Batch Data Offline Alert: can judge the individual sensor data is not uploaded normally, triggering a warning.
- Batch Sync Device and Sensor Settings: Batch synchronisation of settings for devices with the same product ID.

Create a batch alert rule, as an example of a batch data alert:

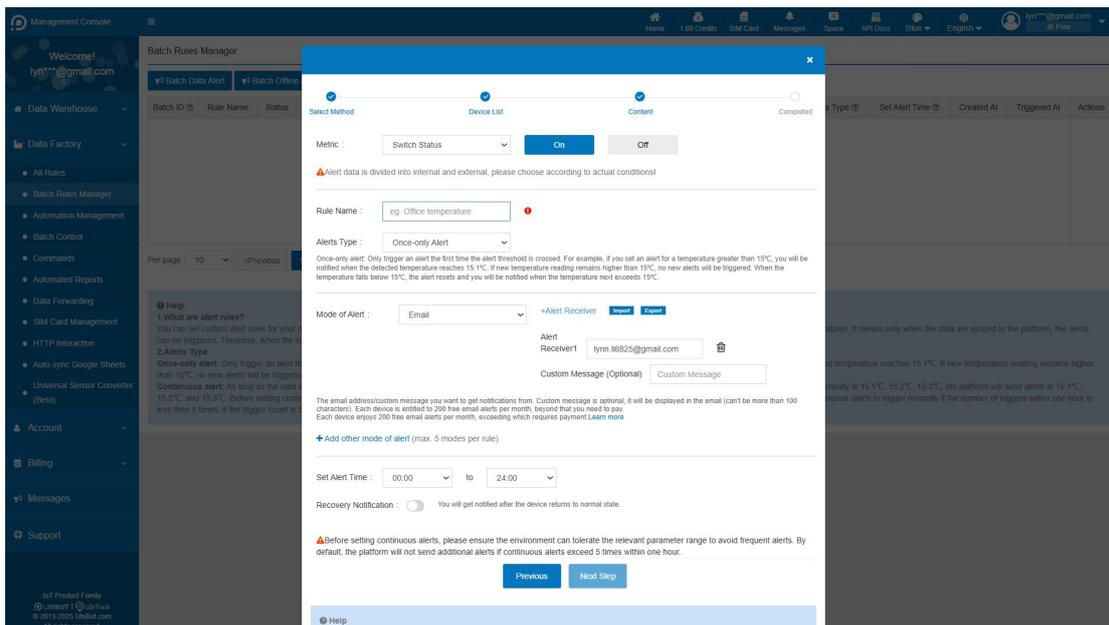
- ① Selection method: select the selection method of batch warning devices, which can be selected according to the group or device list.



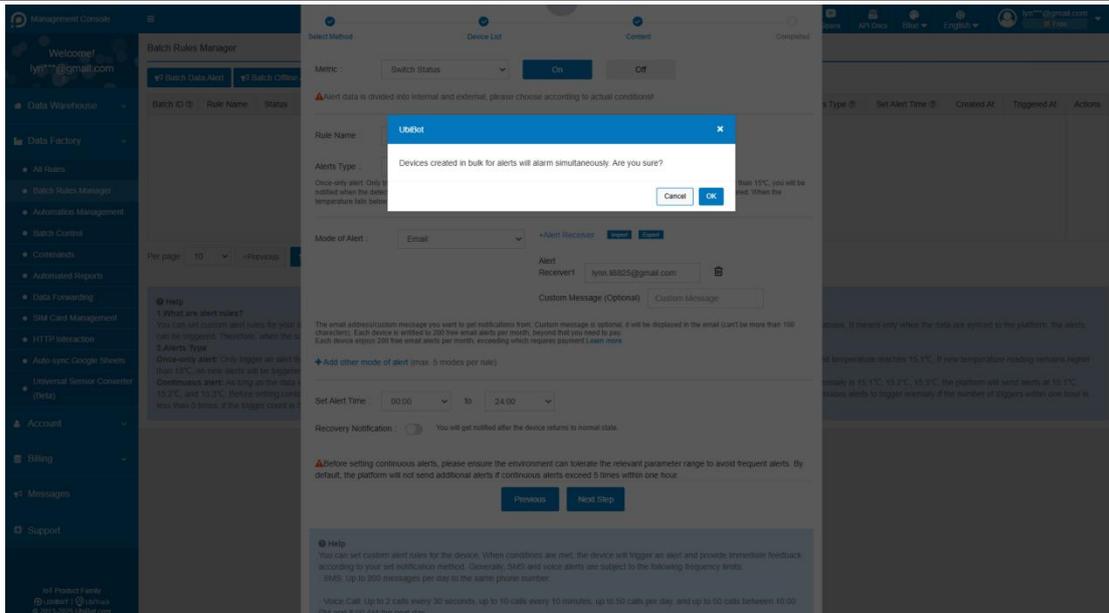
- ② Device list: select devices with the same product ID.



③ Content: set warning data, conditions, range, warning name, type, alarm mode and time period.

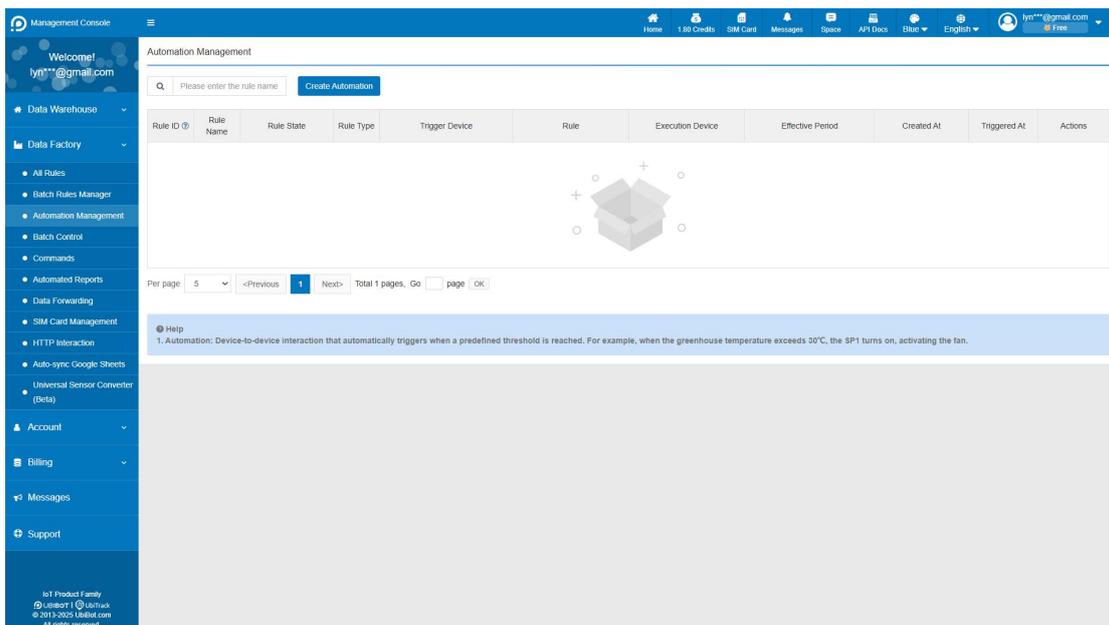


④ Completed: Click OK to complete the batch alert setup.



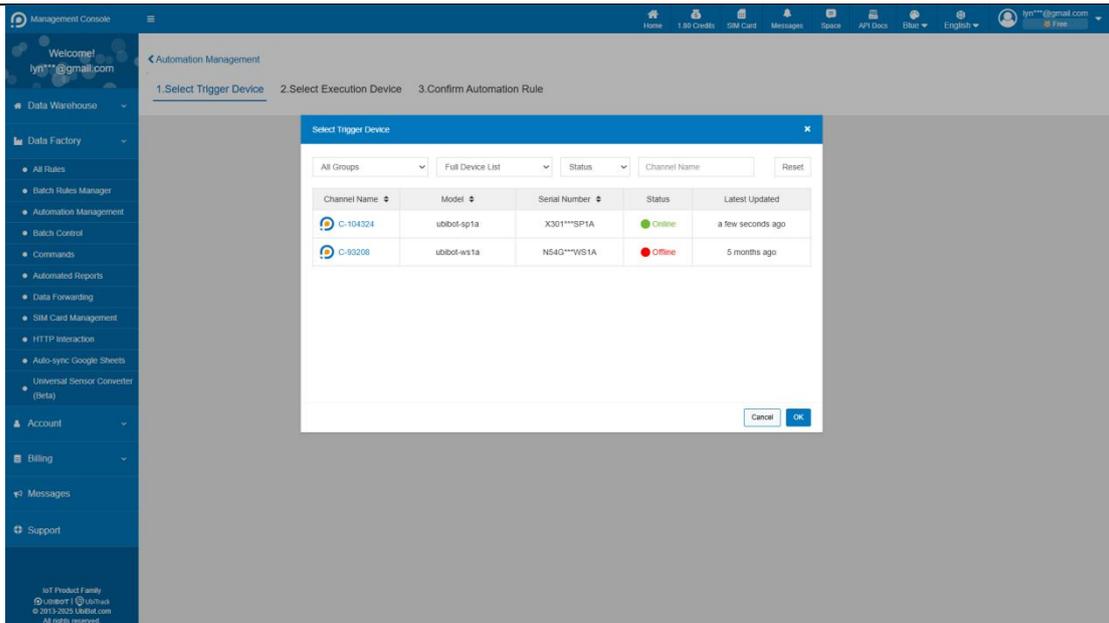
iii. Automation Management

view, create, and manage automation rules.

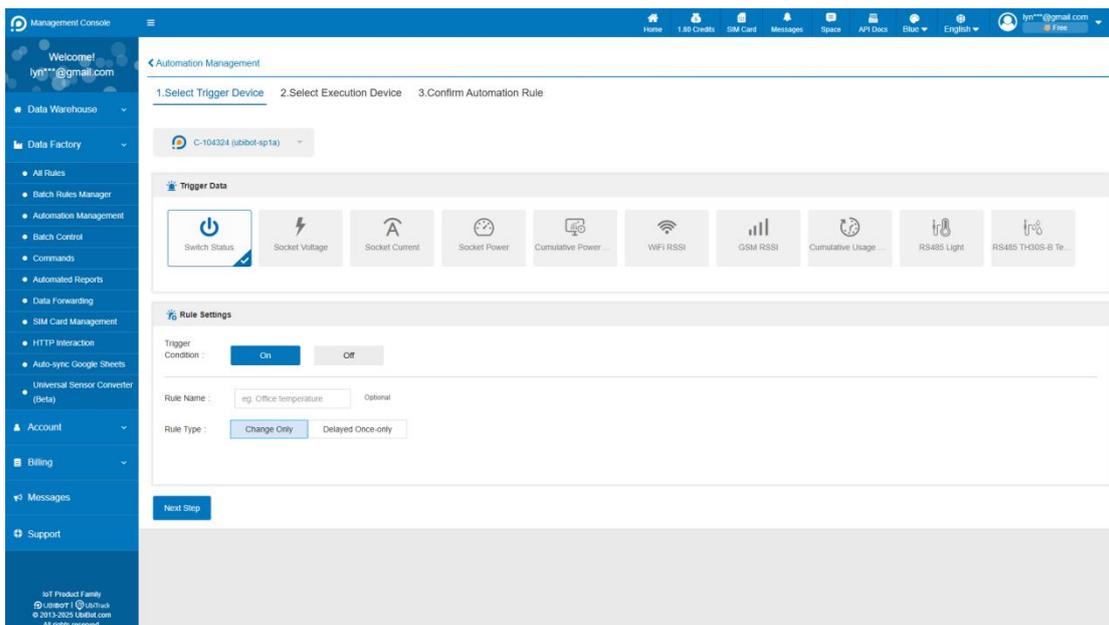


Create automation rules:

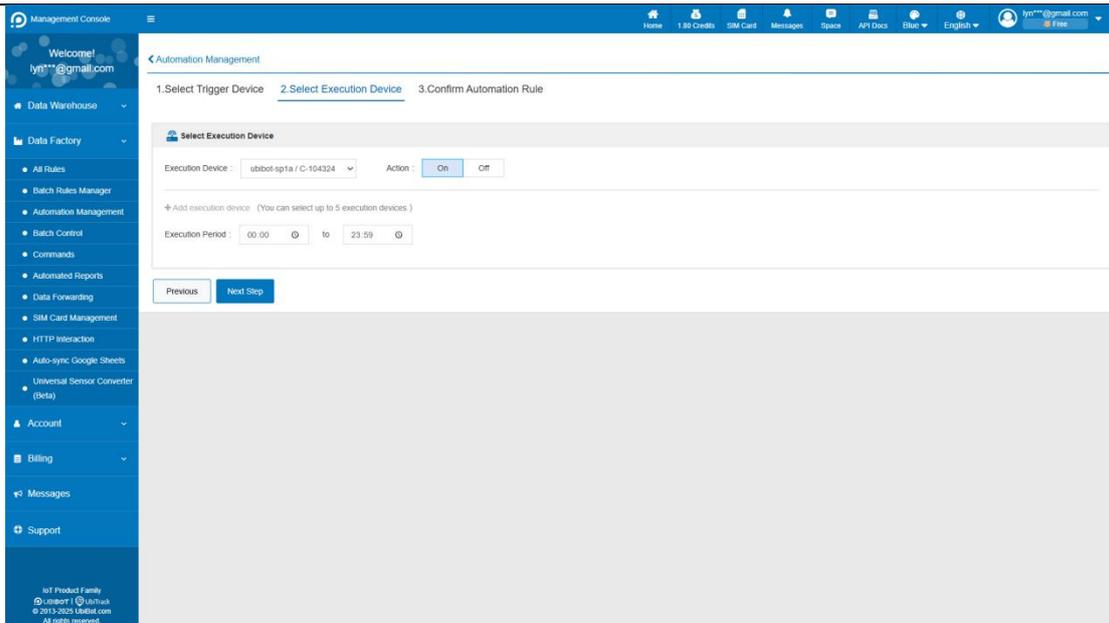
- ① Click "Create Automation" and select the trigger device.



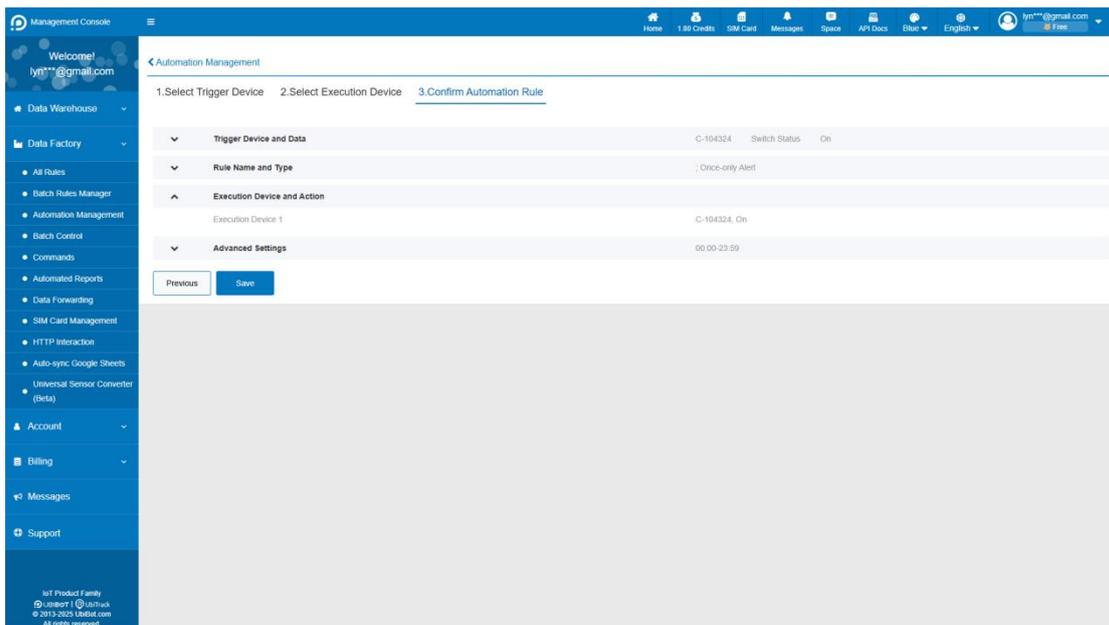
② Select Trigger Device: pick the trigger data, set the alert conditions, rule name, and rule type.



③ Select Execution Device: pick the device to be controlled, set the device actions, add up to 5 action devices, and define the working time period.

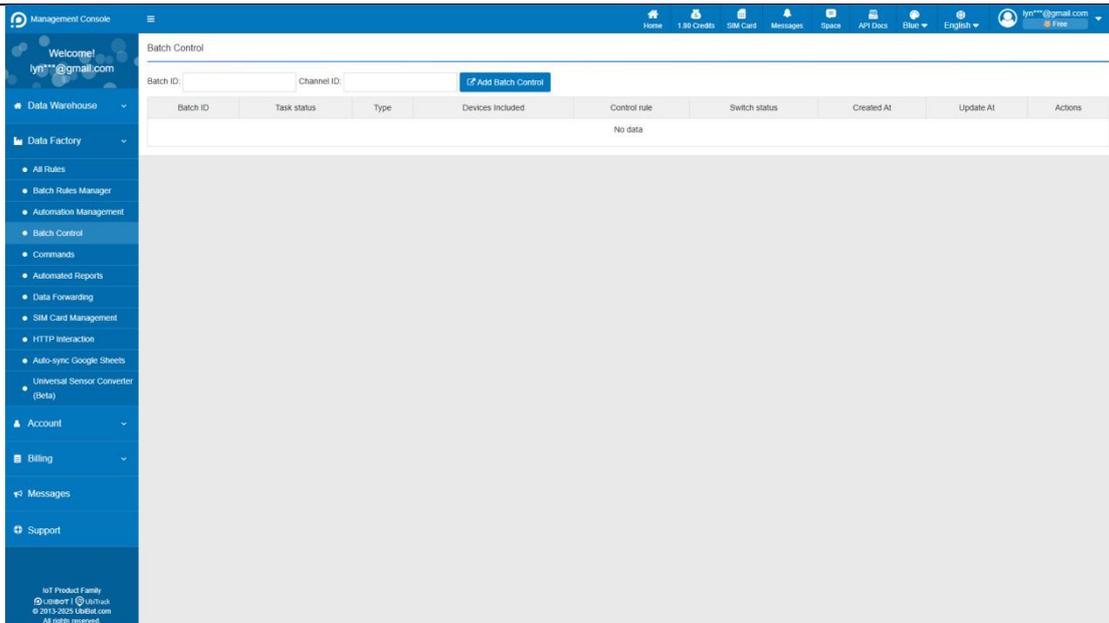


④ Confirm the automation rule: verify the configured automation rule details.



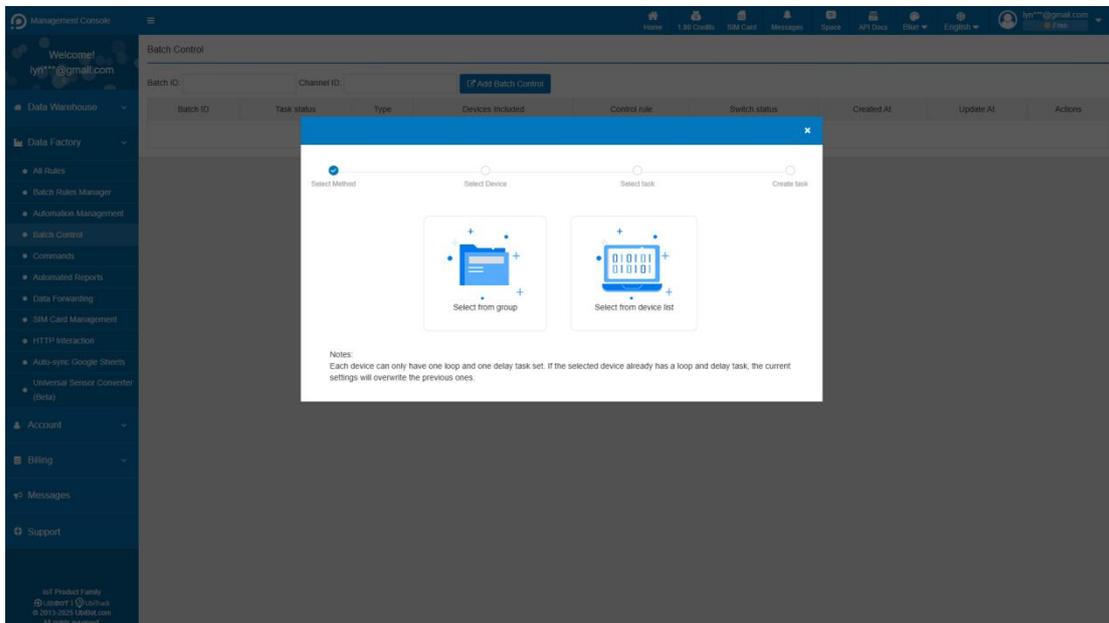
iv. Batch Control

View, create, and manage batch control rules.

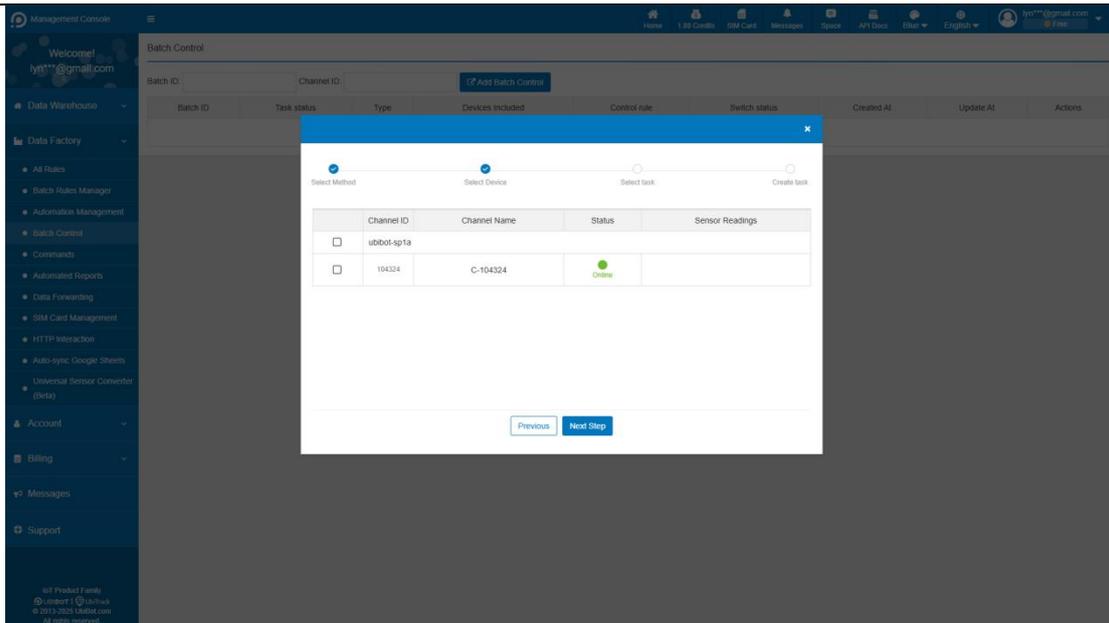


Add a batch control rule, using a scheduled task as an example:

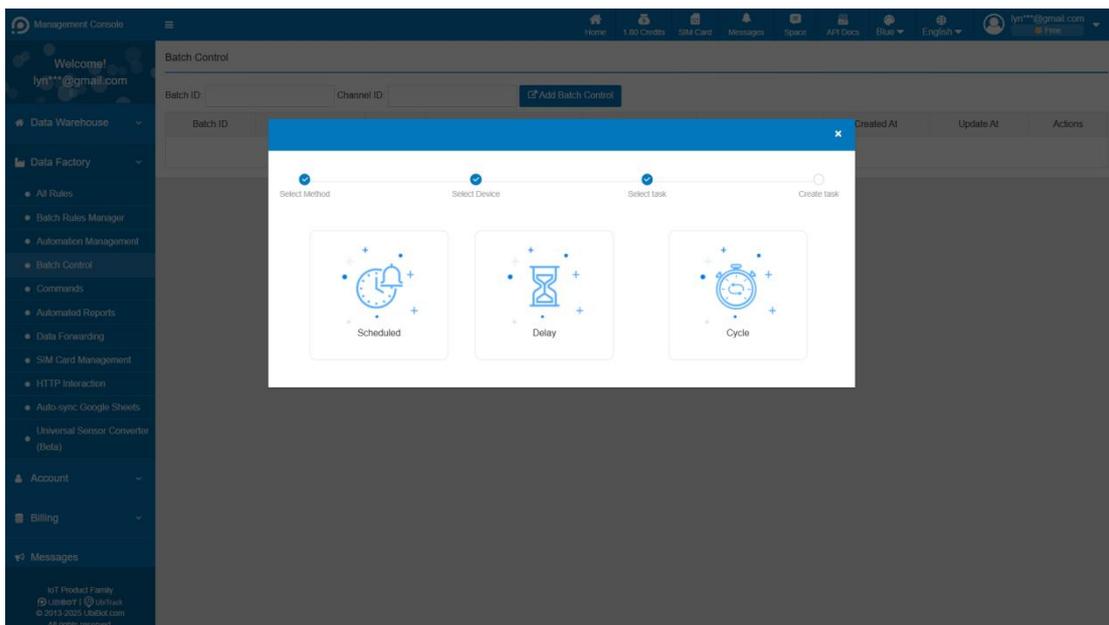
- ① Selection method: Tap the selection method for adding batch control, either by group or by device list.



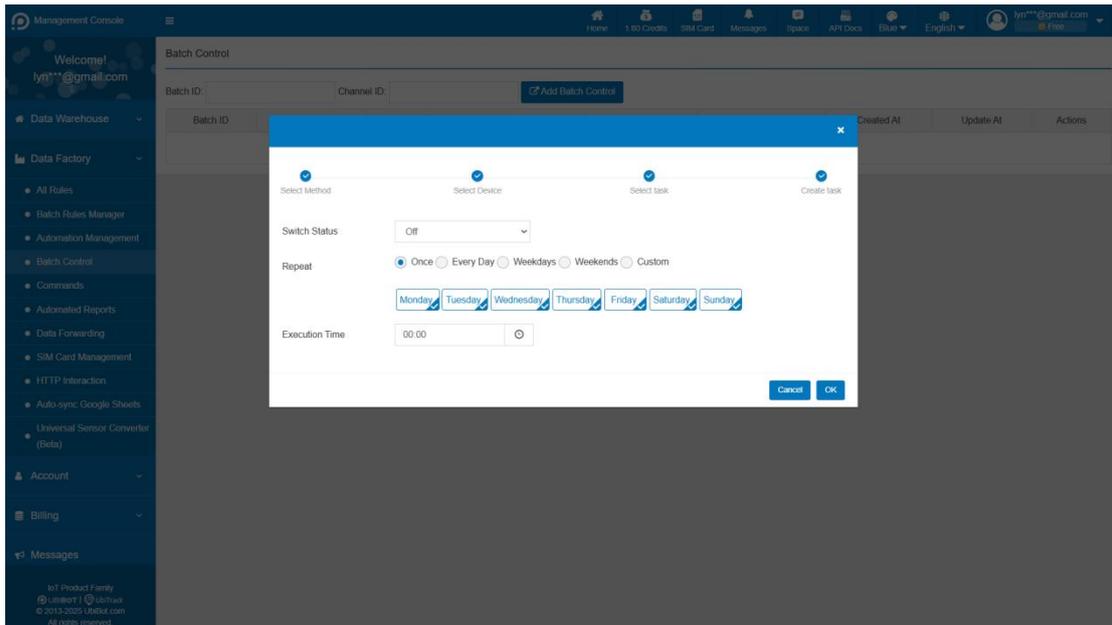
- ② Device list: select devices with the same product ID.



③ Select task: Select timed, delayed, recurring tasks.

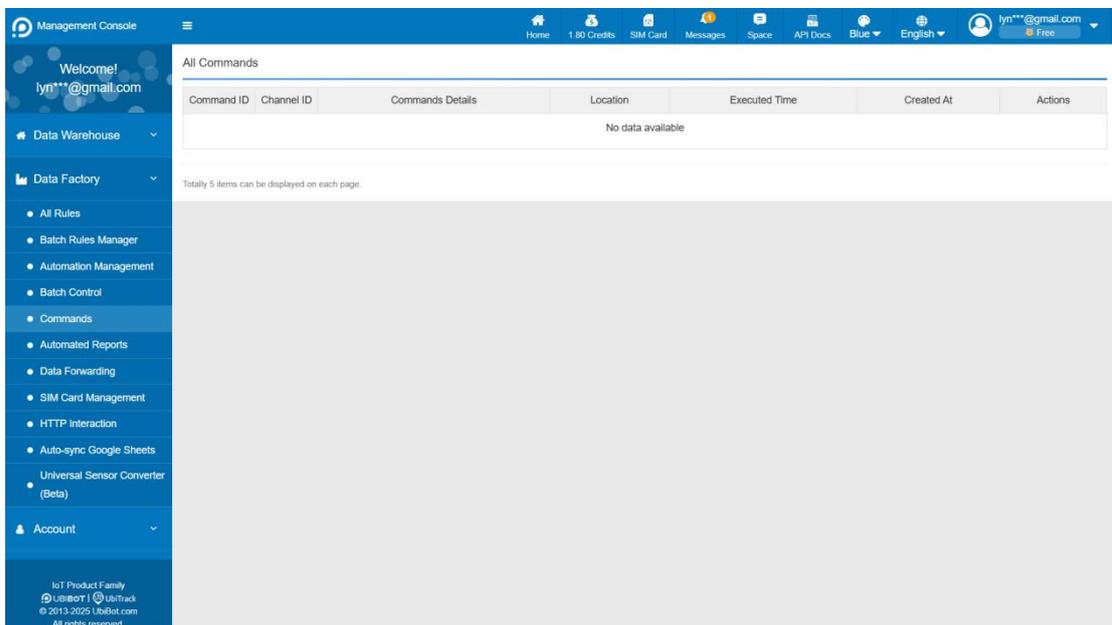


④ Create task: Set the switch status, repeat time, and execution time, then click "OK" to complete the batch control setup.



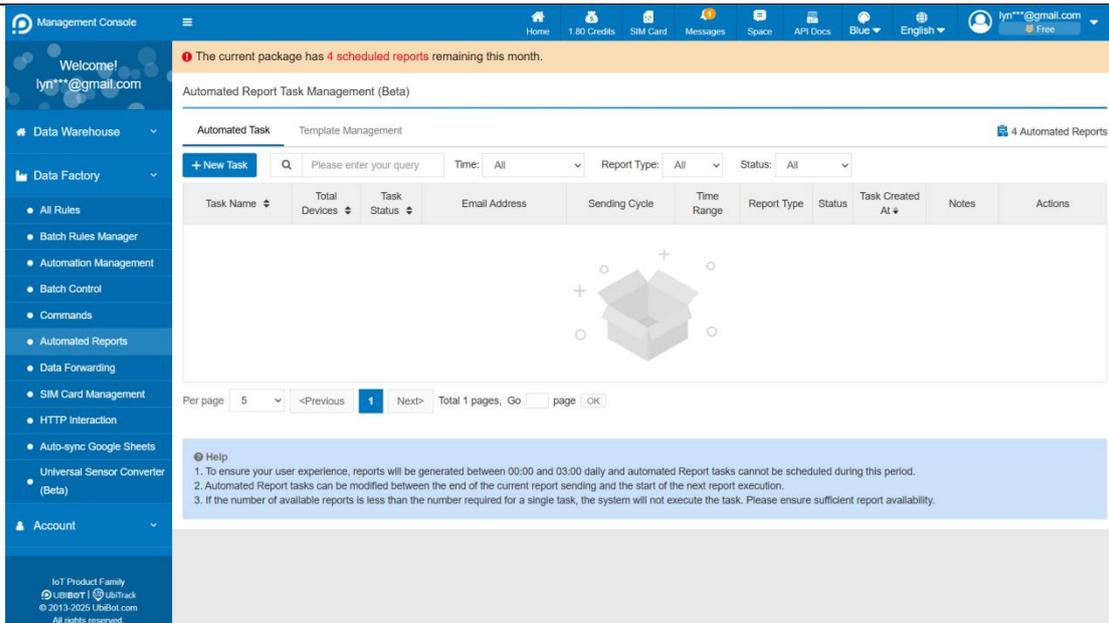
v. Commands

View all commands executed by the device, such as OTA upgrade commands, etc.



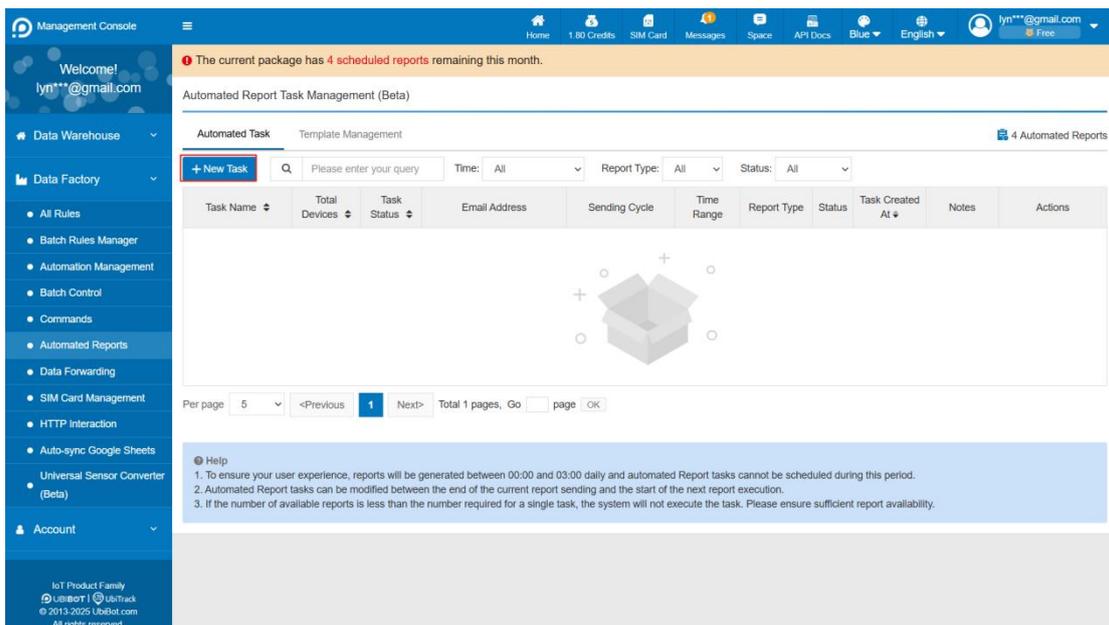
vi. Automated Reports

Automated Task: View, create timed report tasks.



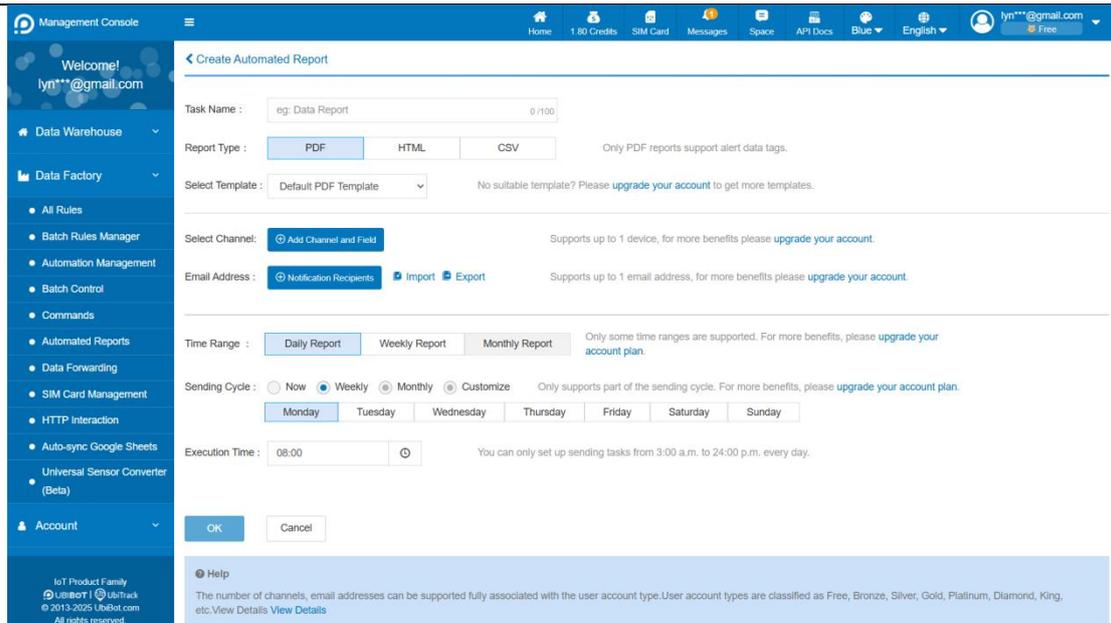
New Task:

- 1 Click New Task.

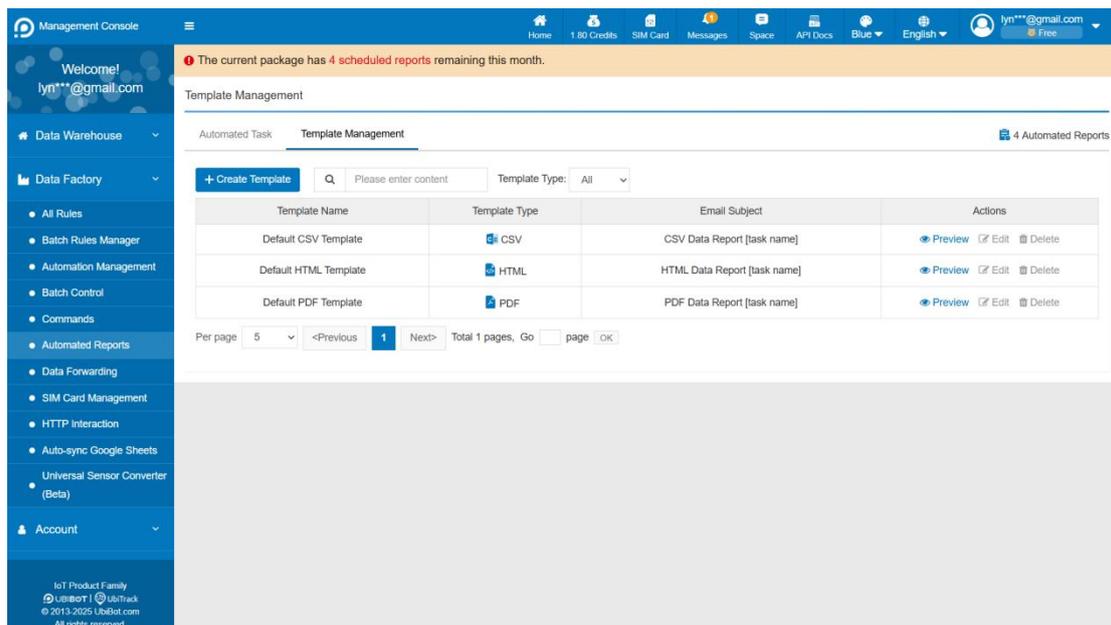


- 2 Set the task name, report type, select the template, email address, etc. Click

OK to complete the setup of the fixed report task.

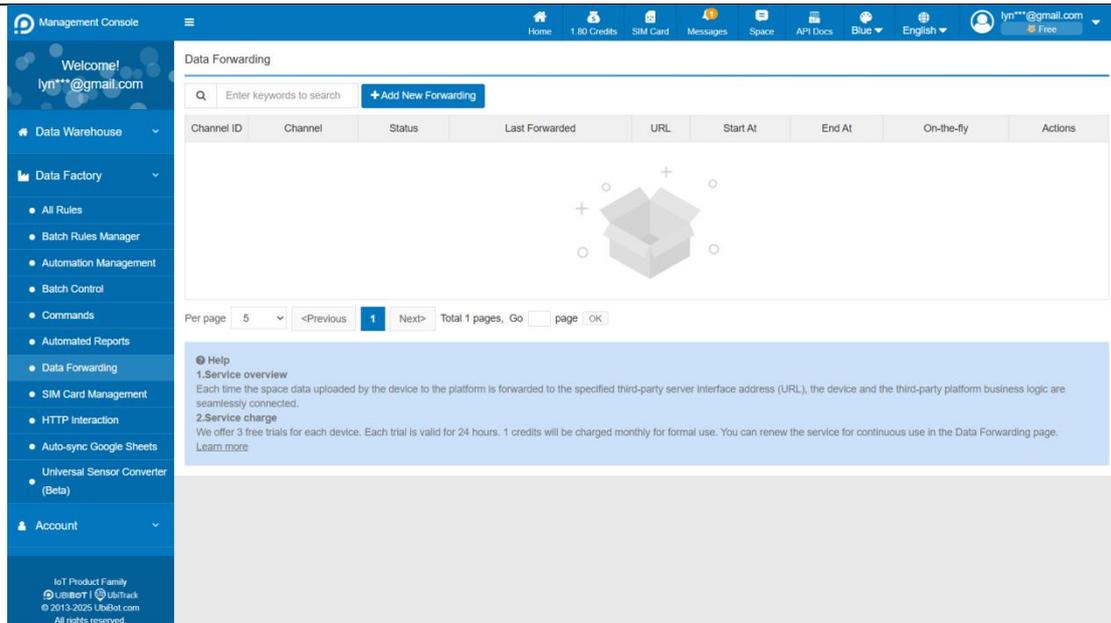


Template Management : Preview timed report templates in CSV, HTML, PDF formats and create templates.



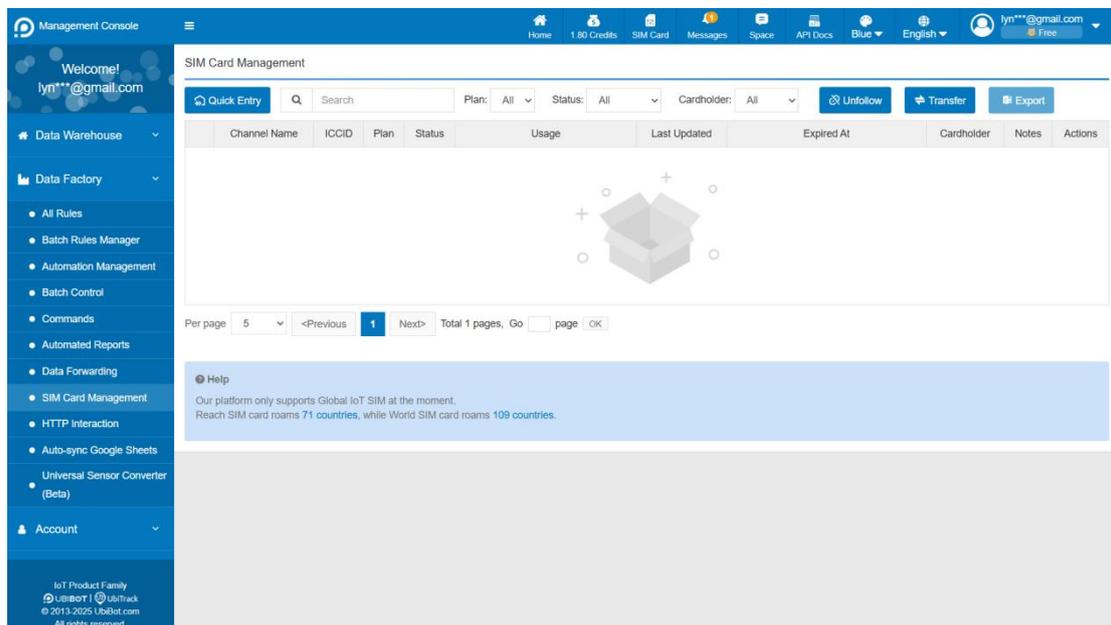
vii. Data Forwarding

You can view data forwarding service records. Each time a device uploads data to the Qingsonglian Big Data Platform, the data will be fully forwarded to the specified third-party server API endpoint, enabling seamless integration between the device and third-party platform business logic.



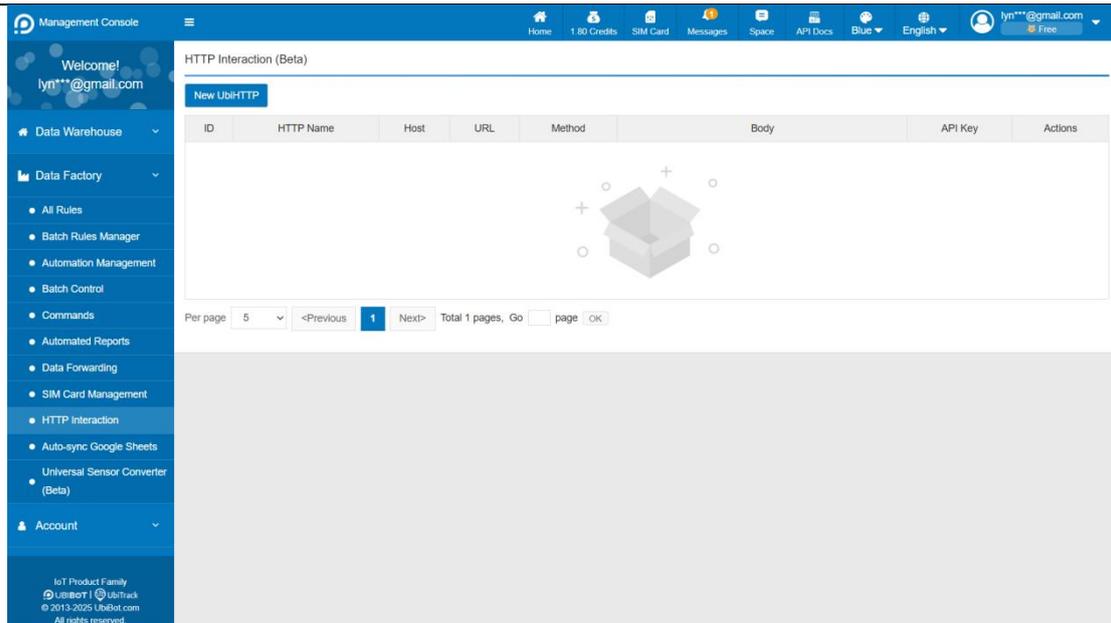
viii. SIM Card Management

View and manage all SIM cards, support CSV format to export device SIM card list.



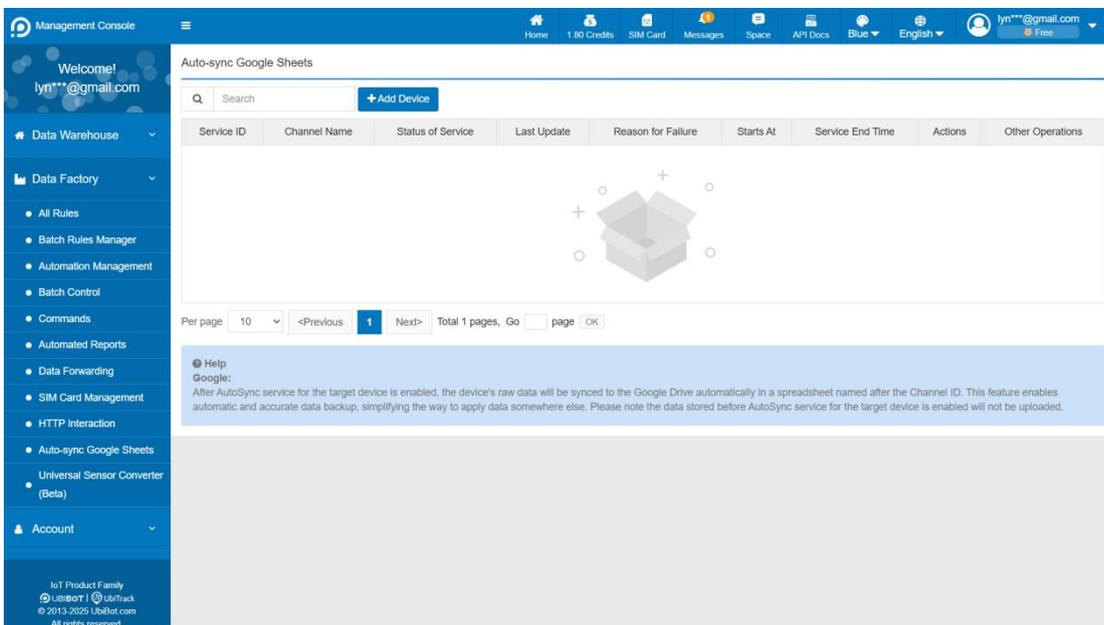
ix. HTTP Interaction

View and manage all HTTP interaction information, as well as create new HTTP interactions.



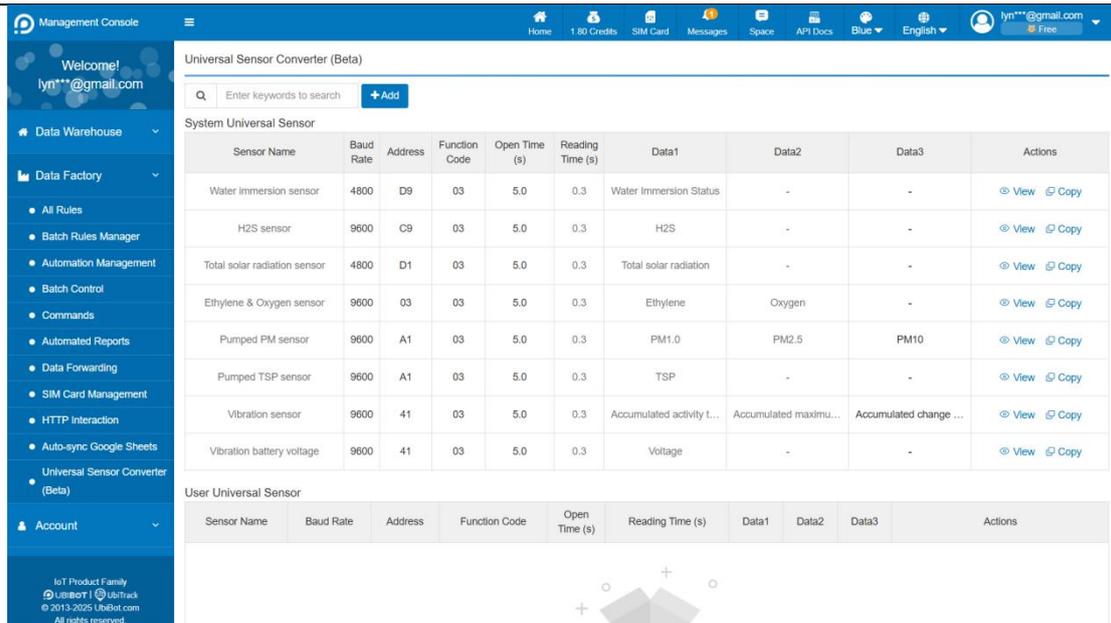
x. Auto-sync Google Sheets

Data sent from the device to the platform is automatically synchronized to the Google cloud drive in a spreadsheet named after the channel ID, enabling automatic and accurate data backup.



xi. Universal Sensor Converter

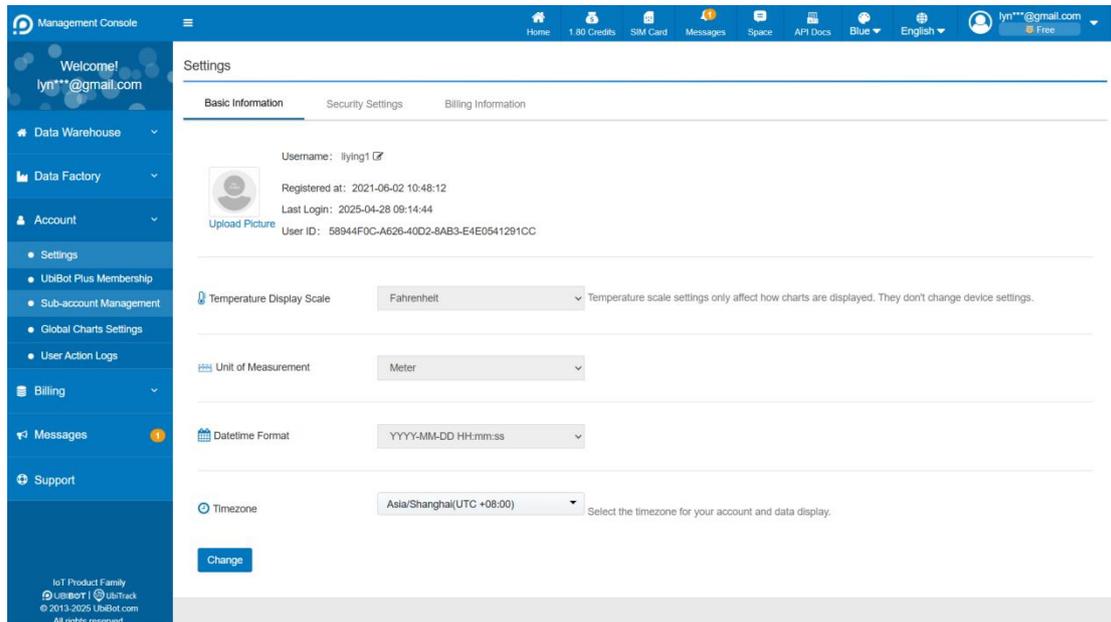
You can view data from system general sensors and user general sensors, and also support the integration and configuration of RS485-type general probes.

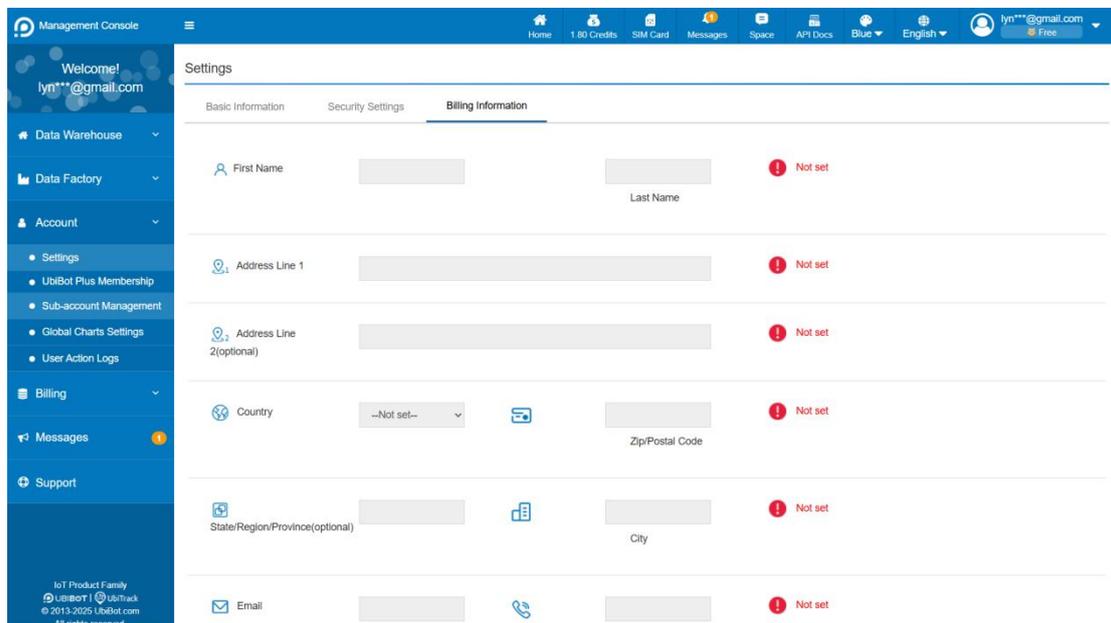
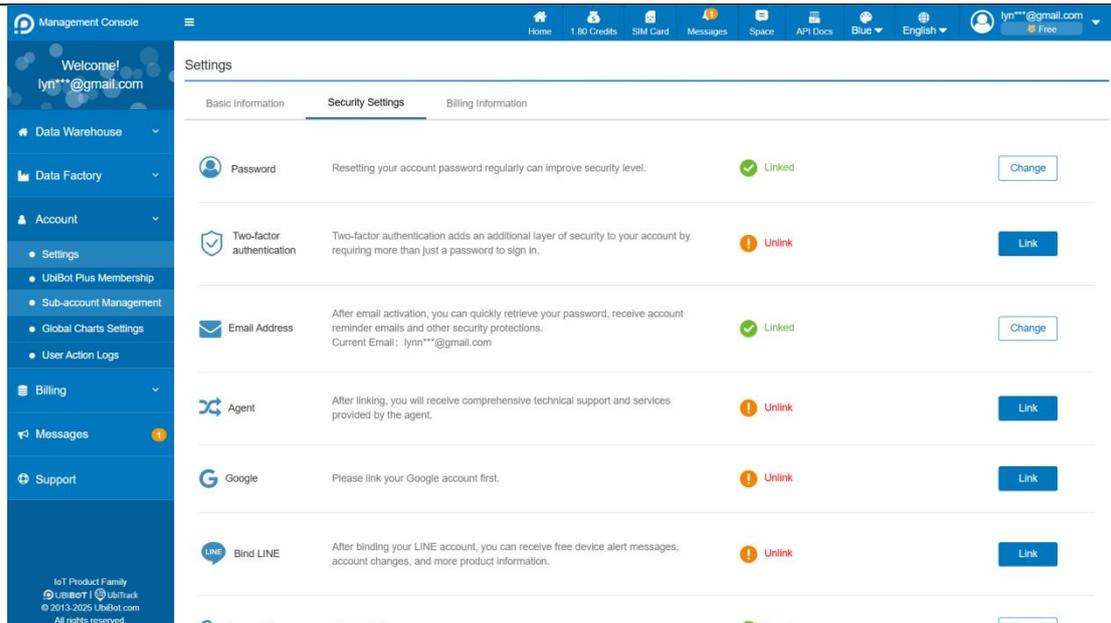


III. Account

i. Settings

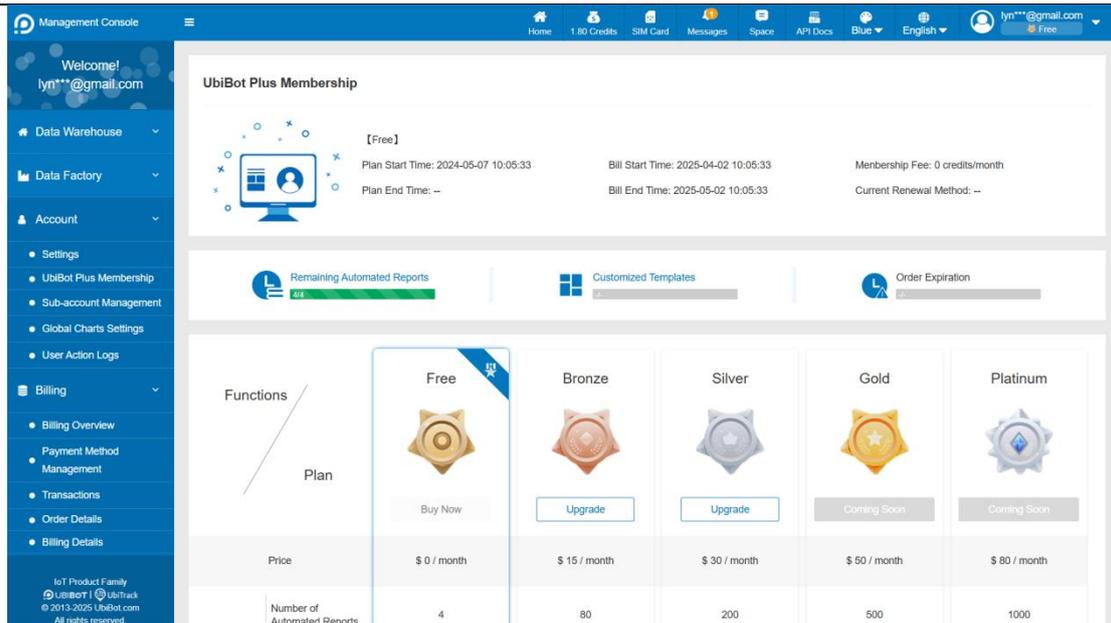
Editable basic account information, security settings and billing information.





ii. UbiBot Plus Membership

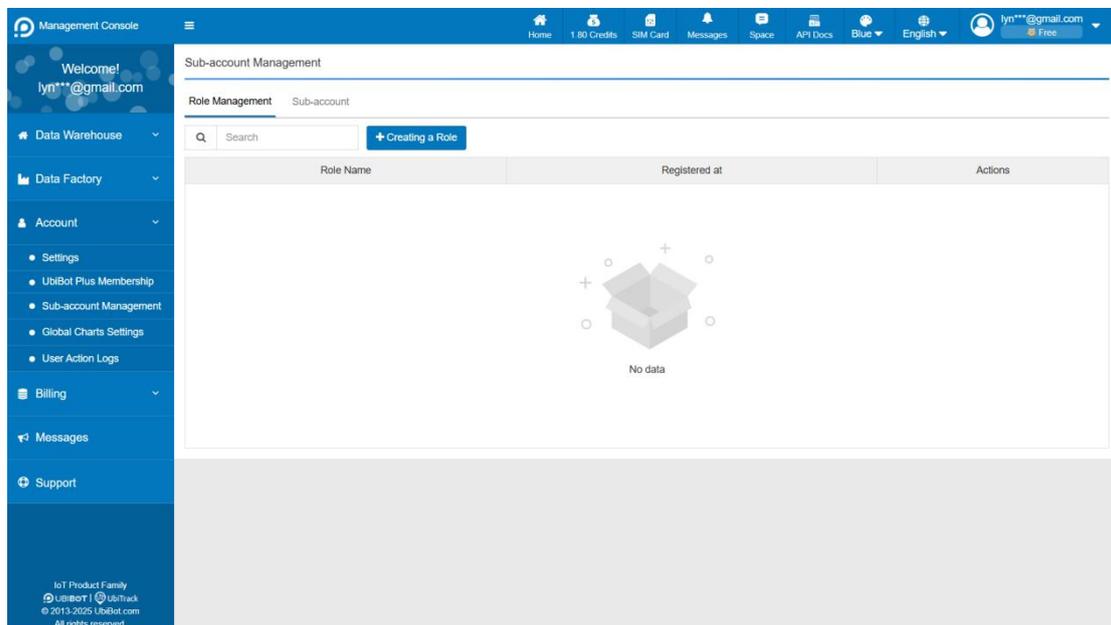
View the account's package level and corresponding features, while you can pick to upgrade the package according to demand.



iii. Sub-account Management

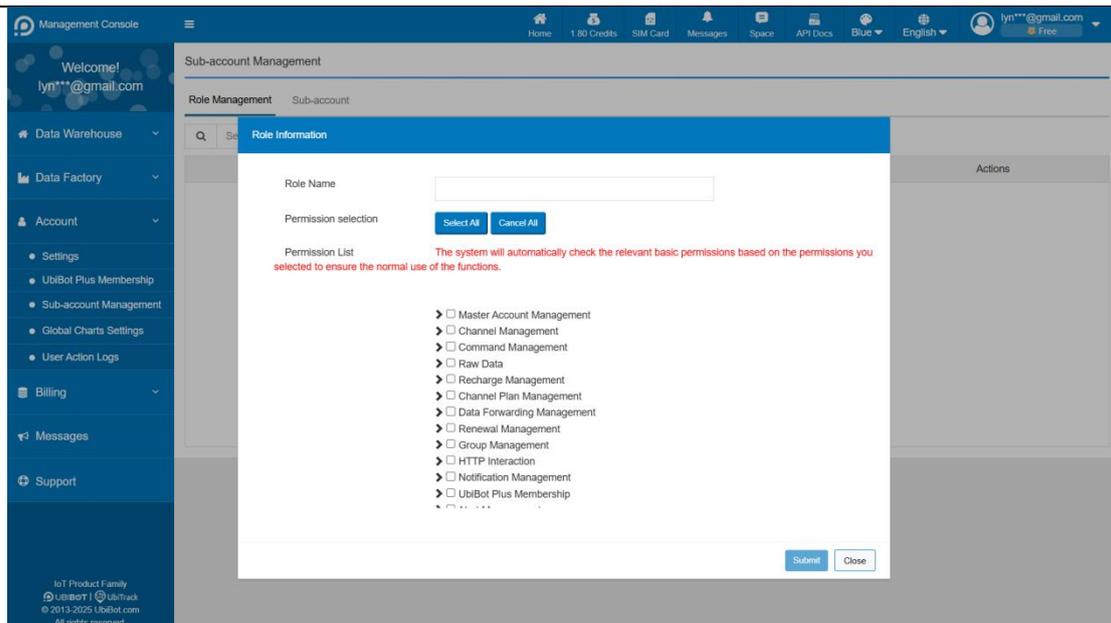
① Role Management

Ability to create and manage different roles and set up different operating privileges.



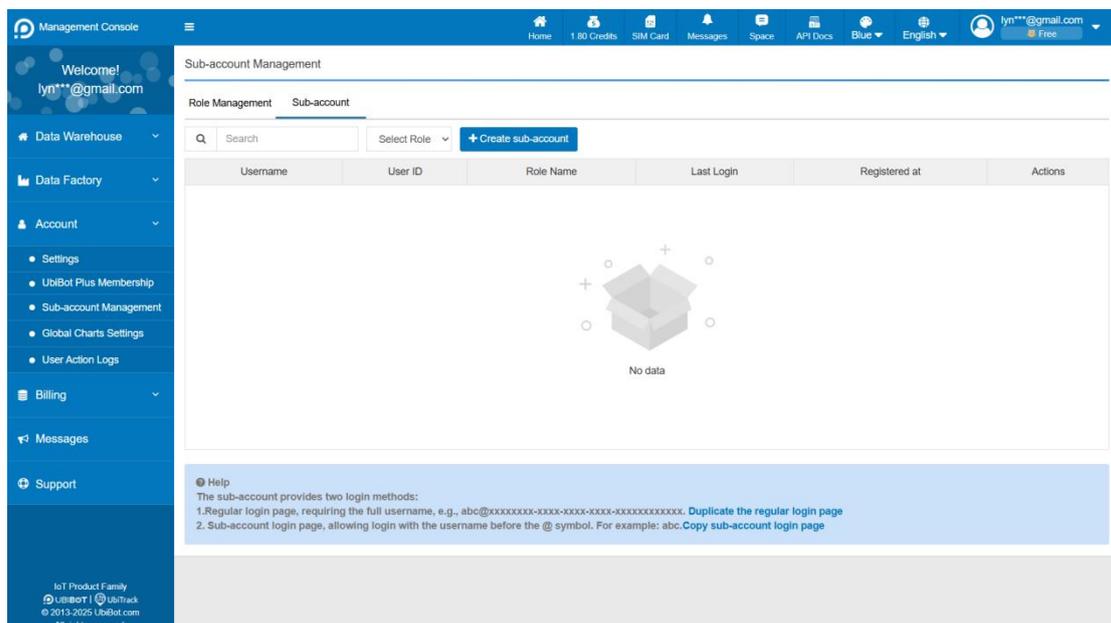
Create a role:

Set the role name and select permissions.



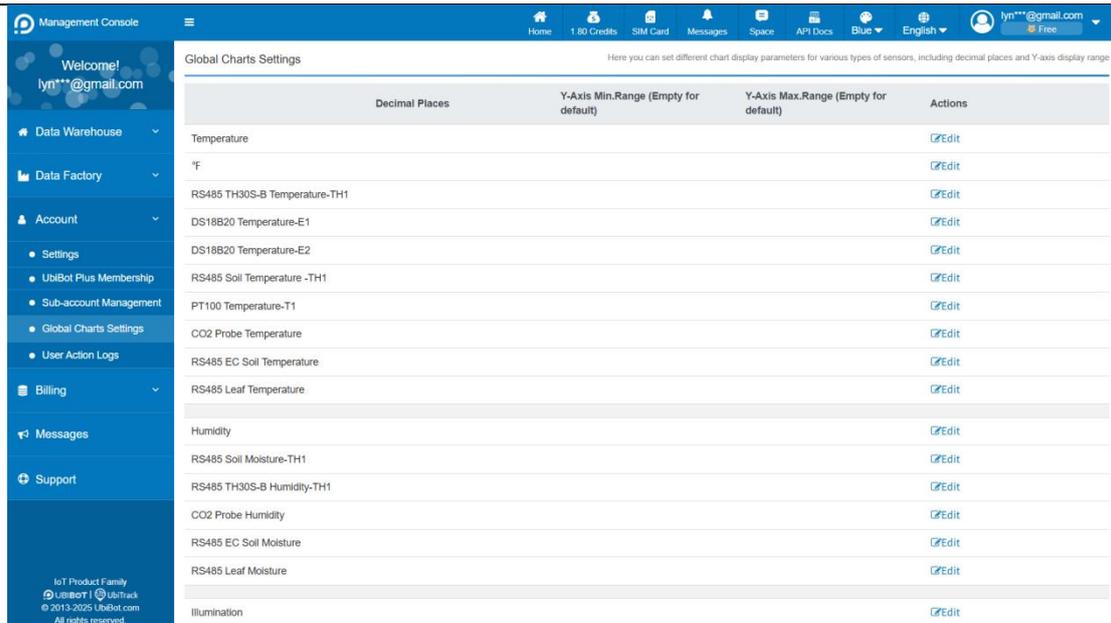
② Sub-account

Create and manage sub-accounts, and set different permissions for different sub-accounts.



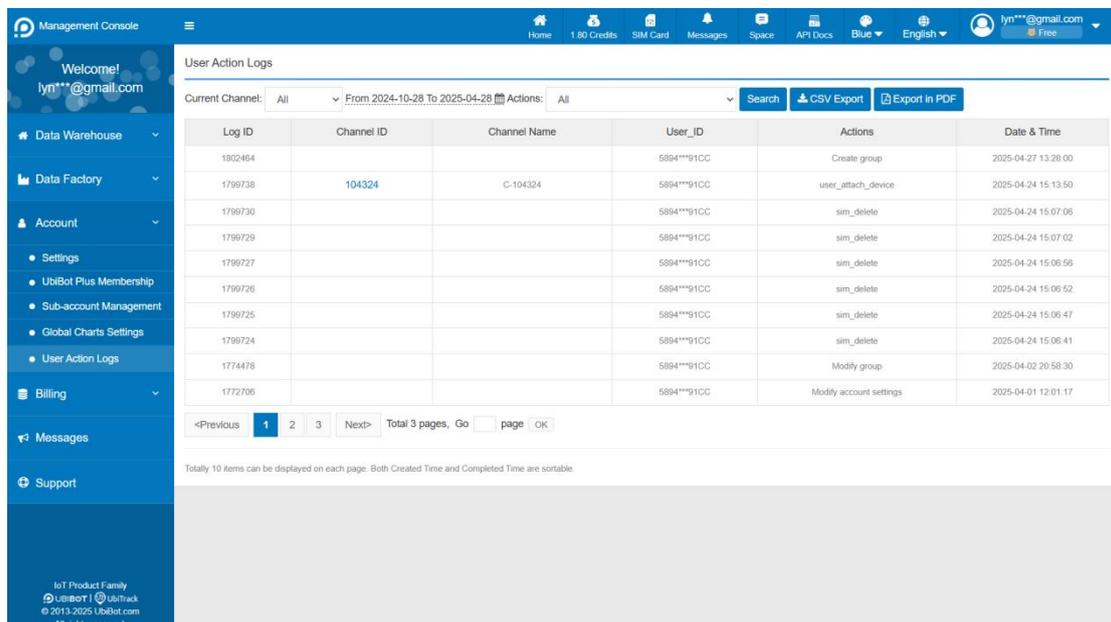
iv. Global Charts Settings

Setting different graphical display parameters for various types of sensors, including decimal point, Y-axis display range.



v. User Action Logs

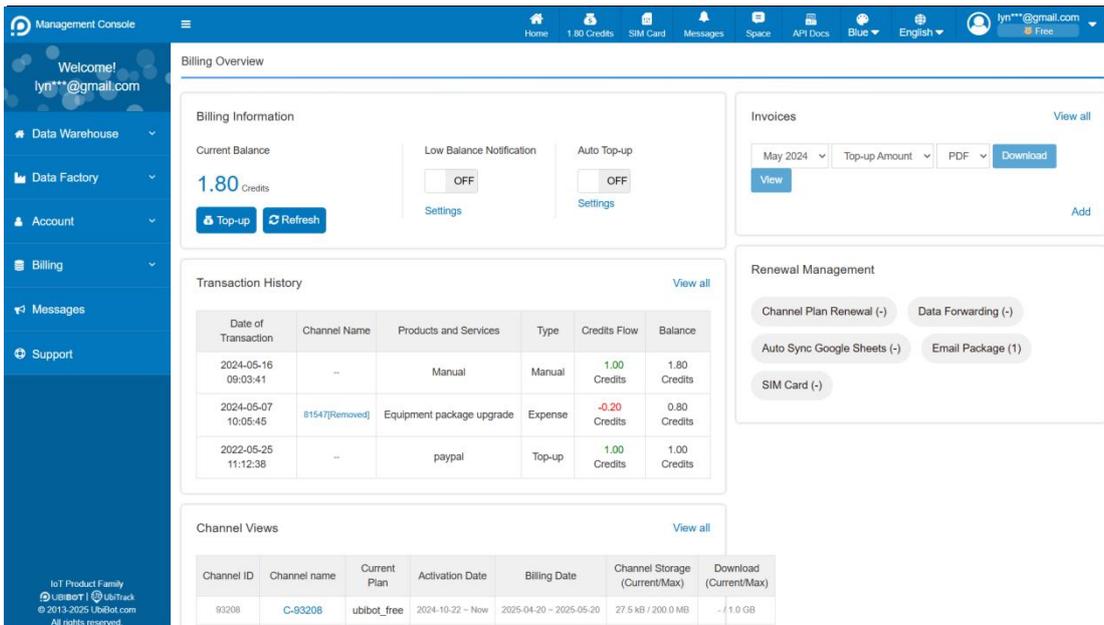
View the account's operation logs, including space ID, space name, user ID, and operation details, with support for CSV/PDF export.



IV. Billing

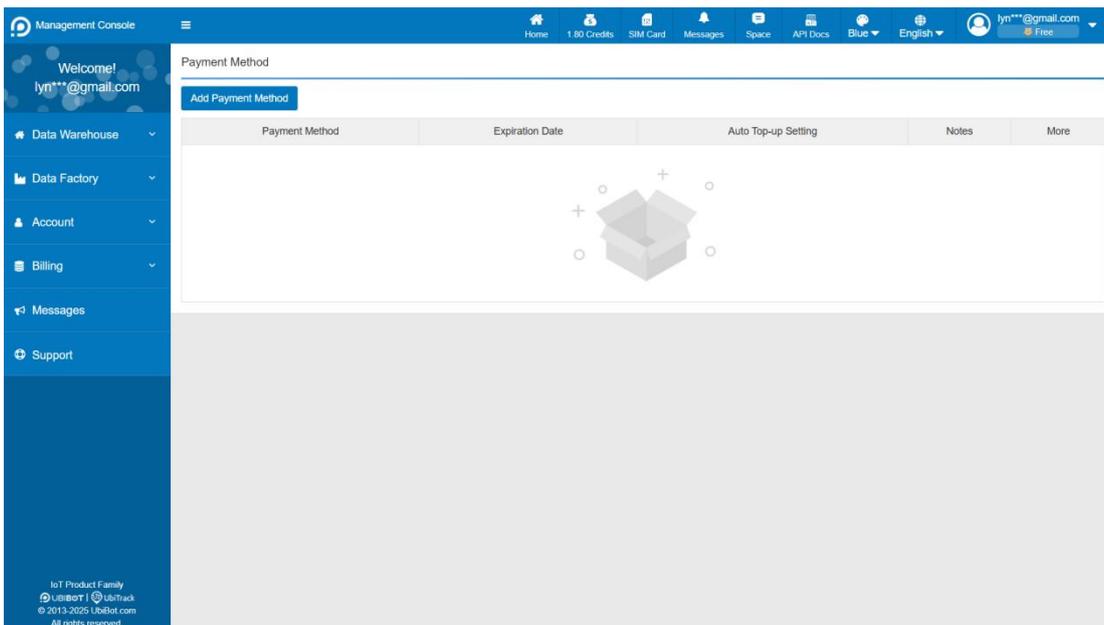
i. Billing Overview

View an overview of account charges, including account information, invoice management, transaction history, renewal management, and equipment billing.



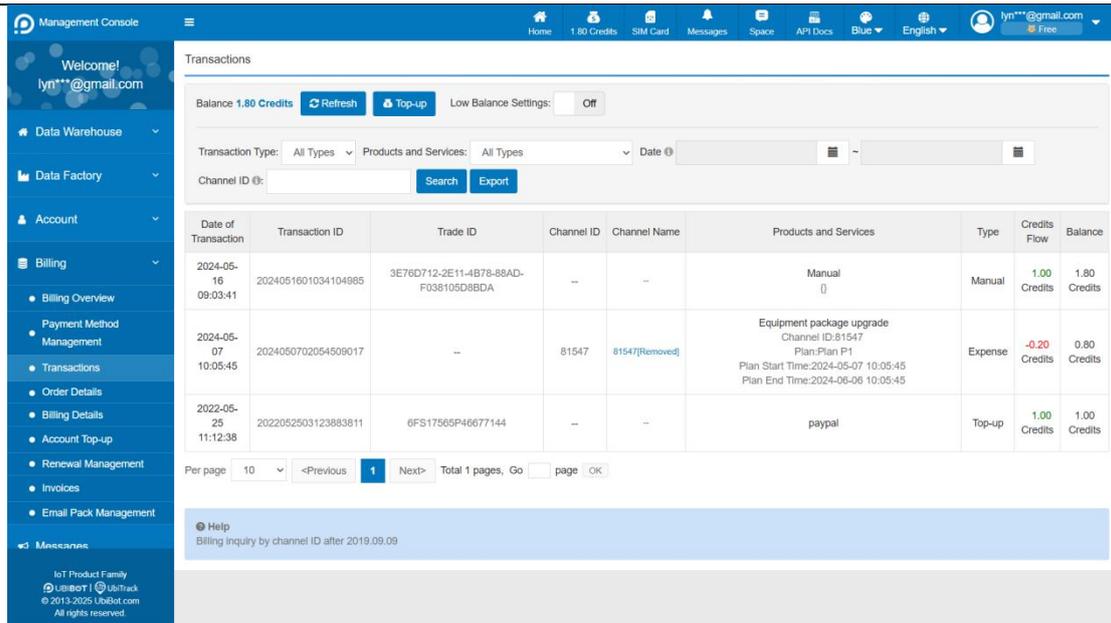
ii. Payment Method

Payment methods can be viewed, managed, and added.



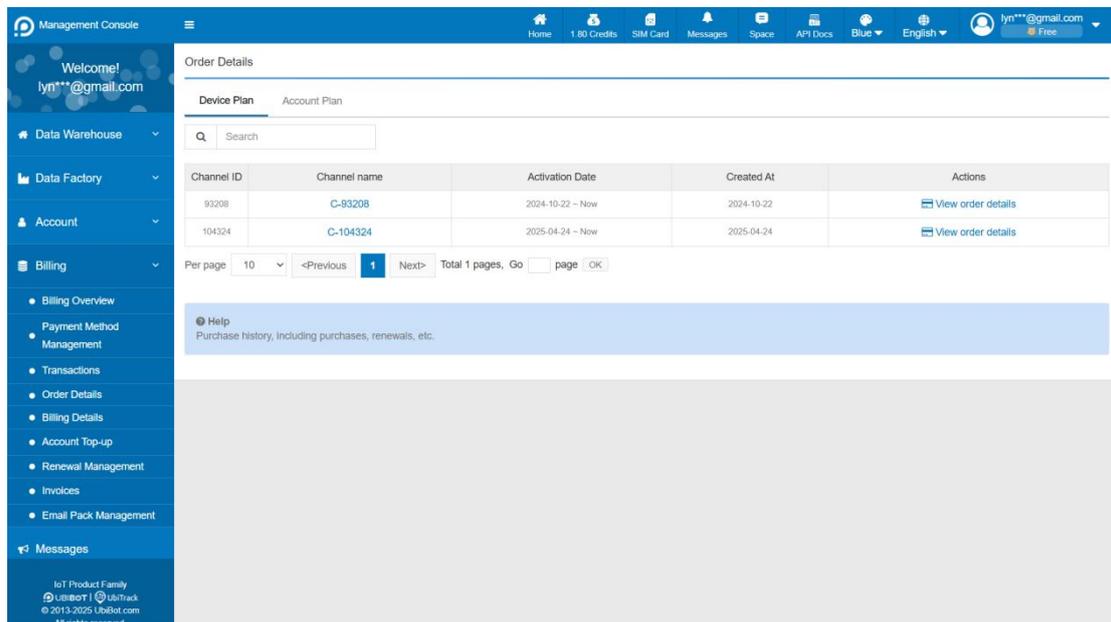
iii. Transactions

The detailed usage records of all services under your account can be viewed and exported in CSV format.



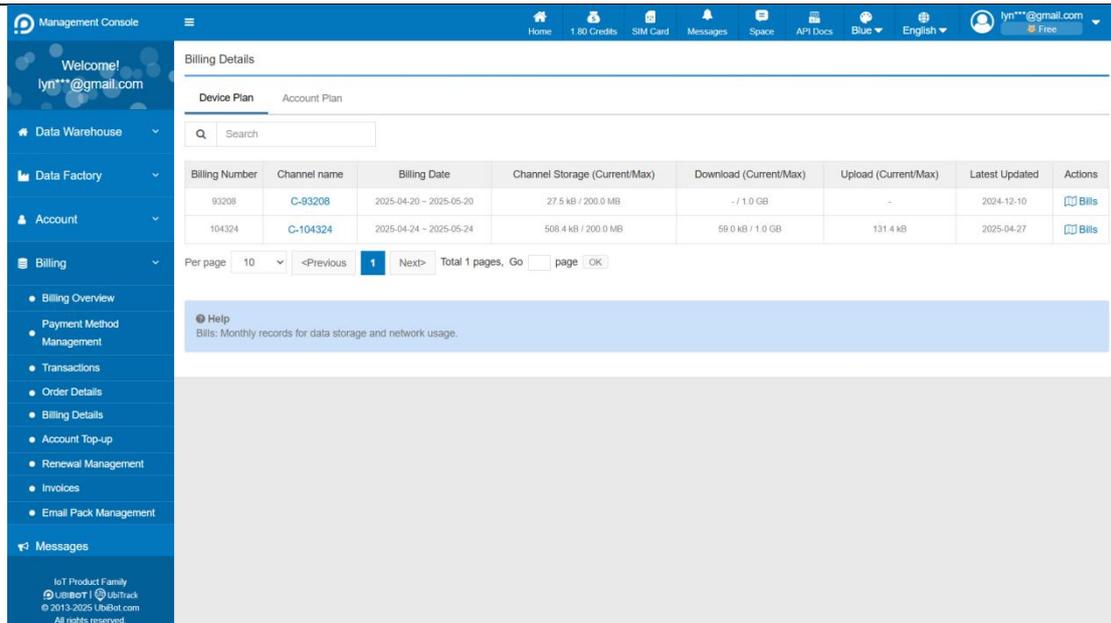
iv. Order Details

View the order details for each device and for the services and subscription plans purchased under the current account.

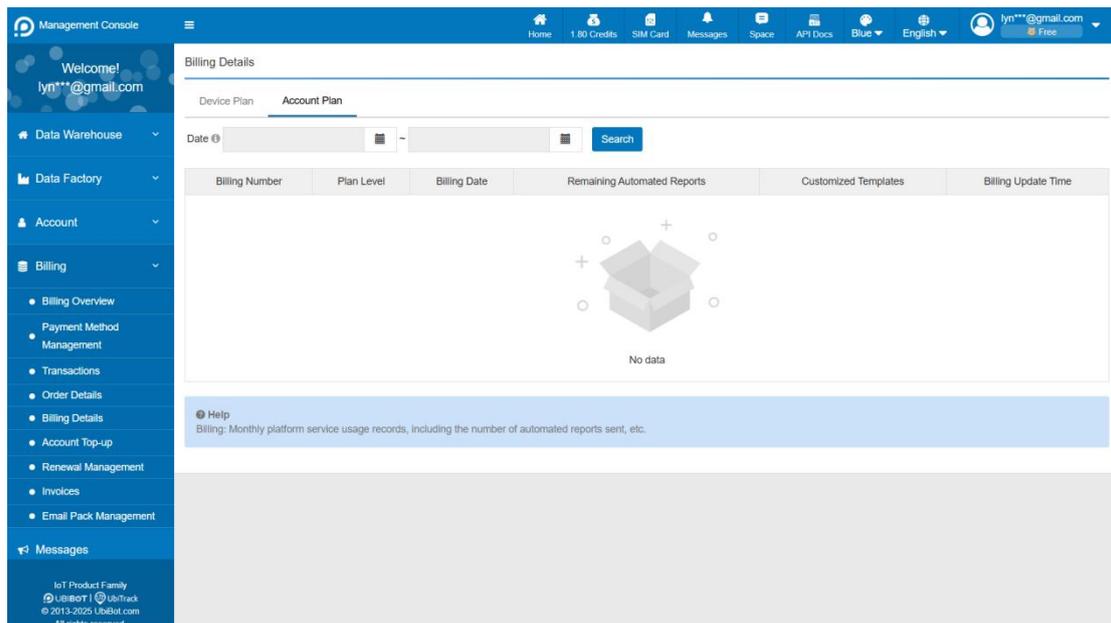


v. Billing Details

① Device Plan : View your device's monthly platform service usage history, including space storage, upload and download traffic, and more.

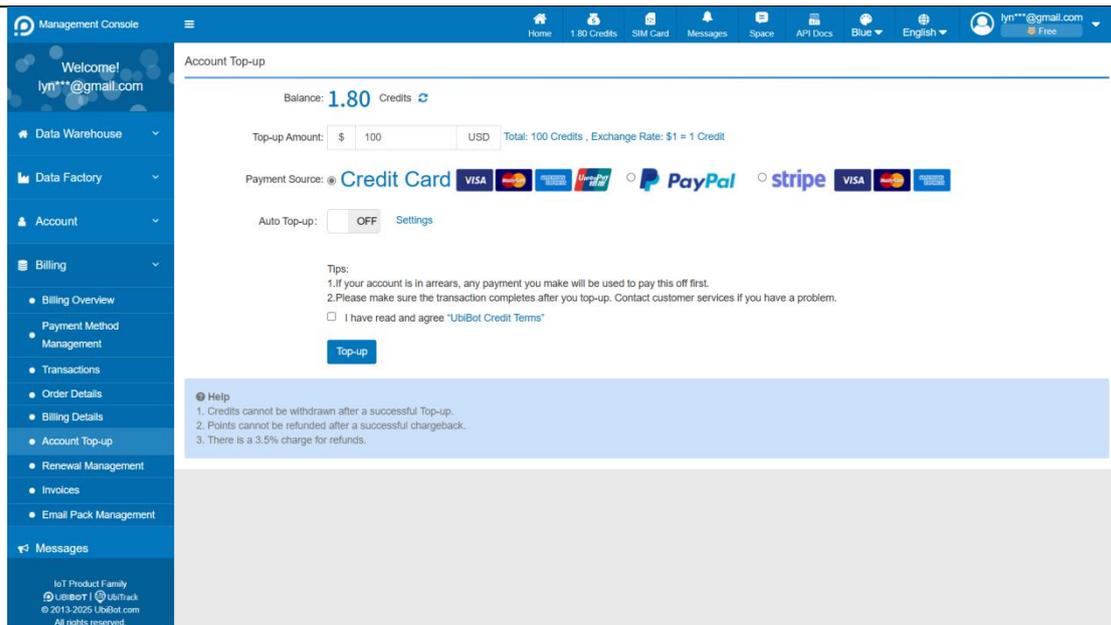


② Account Plan : View a monthly record of this account's use of the Platform Services, including the number of copies of timed reports sent, etc.



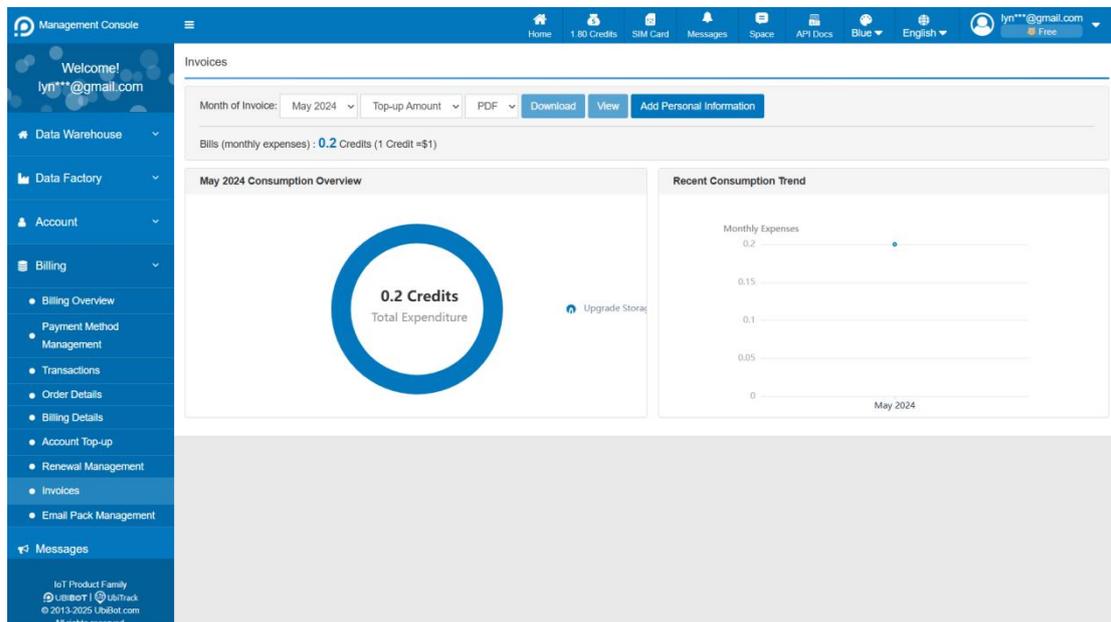
vi. Account Top-up

Support online recharge of account, 1 point = \$1.



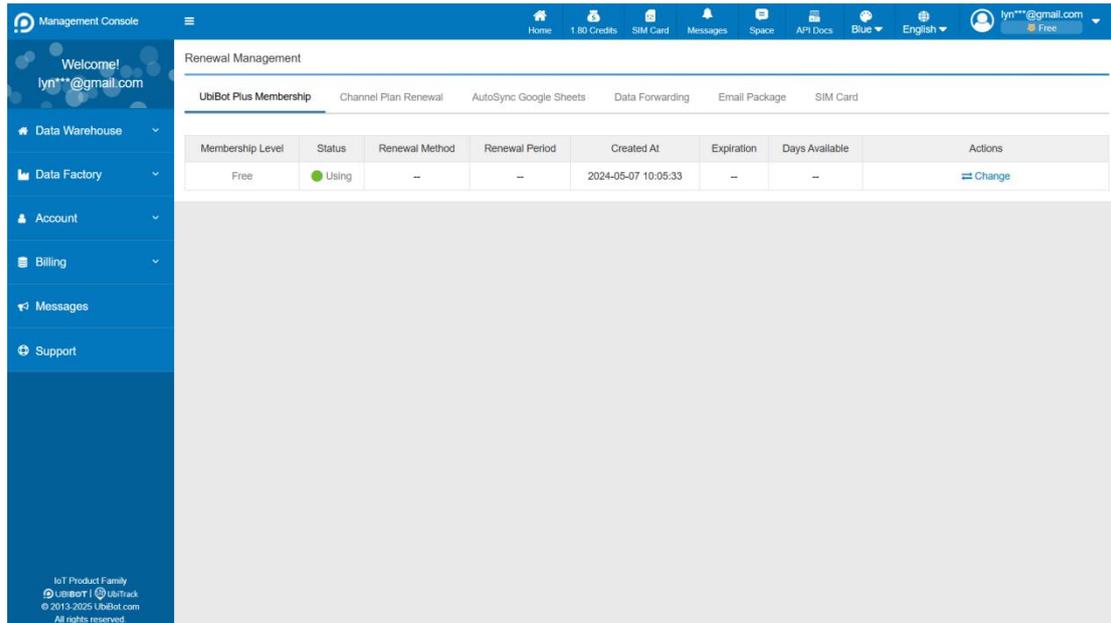
vii. Invoices

Download or view invoices, add personal information, and display a monthly spending overview and recent spending trends.



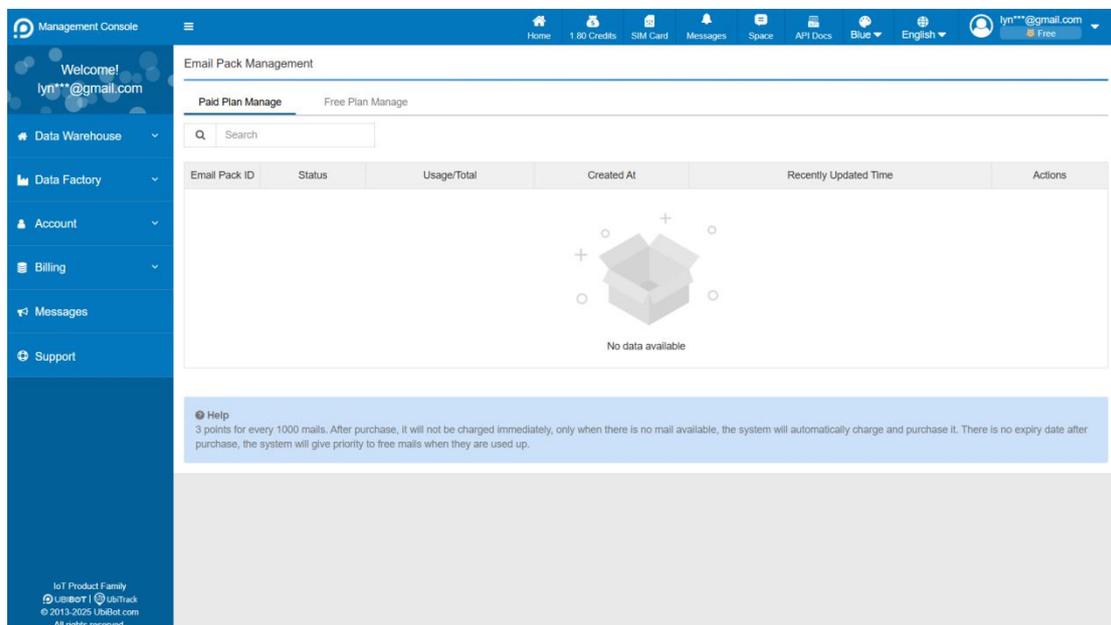
viii. Renewal Management

View the status, expiration time, and other information about account packages, device packages, data forwarding, and mail resource package services, and you can renew them.

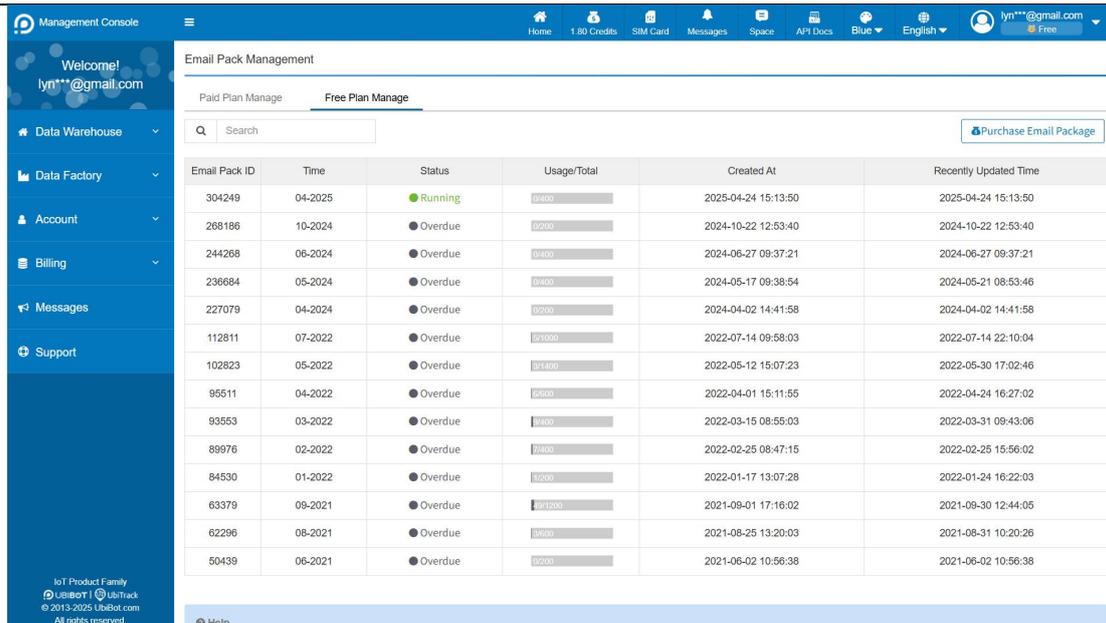


ix. Email Pack Management

① Paid Plan Manage: View information on the status, usage/total number of mail packages, and pay 6 points per 1000 additional emails per device beyond the number of free emails per month.

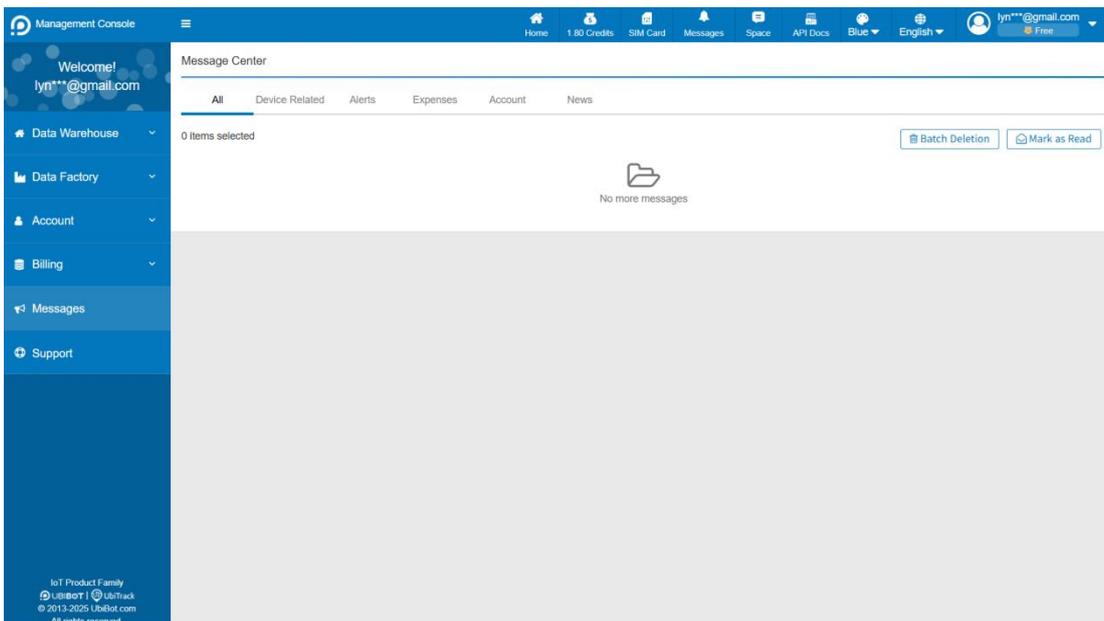


② Free Plan Manage: Check the status, usage/total of mail packs and enjoy 200 free email alerts per device per month.



V. Message

View all messages, support batch delete and mark read.



VI. Support

View FAQs related to devices and submit support tickets for after-sales service.

The screenshot shows the UbiBot Support console interface. At the top left is the 'UBIBOT Support' logo. To the right are navigation links: 'Go to UbiBot.com', 'My Tickets', 'Submit a request', and a user profile 'flying1'. Below this is a large blue banner with the text 'How can we help you?' and a search bar. Underneath the banner is the 'FAQ' section, which includes a description: 'UbiBot FAQ section provides comprehensive solutions and guides for all your device-related queries. Covering basic functions, settings and troubleshooting tips. Go and get answers instantly.' Below the description are three columns of links, each with a 'Learn More >' button:

- Account**
 - How to delete your UbiBot account
 - Securing your UbiBot account with two...
 - How do I top up my UbiBot account?
- Set Up**
 - WiFi Configuration Guide for all UbiBot ...
 - UbiBot ® WiFi Device Setup Guidance
 - Sync external probe data
- API and On-Premises Platform**
 - UbiBotOPP Installation Instruction
 - MQTT Real-time Feed Topics
 - UbiBot Opp Pre-Sale Notice