

# catalog

<i>ANTSENTRY Overview</i> .....	5
<i>register and login</i> .....	5
<i>Select region</i> .....	6
<i>Smart Customer Service</i> .....	7
<b>1. Create a Mining Farm</b> .....	9
<b>2. Overview Page</b> .....	10
<b>3. Mining machine monitoring</b> .....	13
<b>3.1 Mining machines on the shelves</b> .....	13
3.1.1 Top Statistics Label .....	13
3.1.2 Filtering .....	14
3.1.3 Batch Operations .....	14
3.1.4 List Fields .....	14
3.1.5 Export .....	15
3.1.6 View Mining Machine Details .....	16
<b>3.2 Shelf Display</b> .....	17
3.2.1 Shelf Overview .....	17
3.2.2 Shelf Details .....	18
<b>3.3 Removal Records</b> .....	21
3.2.1 Check Shelf Removal Records .....	21
3.2.2 Filtering .....	21
3.2.3 Batch Operations .....	21
3.2.4 Export .....	22
3.2.5 Downloading Mining Machine Logs .....	22
<b>3.3 Abnormal Alarm</b> .....	22
3.3.1 Displaying Alarm Information .....	22
3.3.2 Filtering .....	23
3.3.3 Batch Operations .....	23
<b>3.4 Daily Operation and Maintenance Report</b> .....	23
3.4.1 View the daily operation report .....	23
3.4.2 Basic Functions .....	24
3.4.3 Modify the daily operation report .....	24
3.4.4 Display daily operations report .....	26

3.4.5 Basic Functions of the Daily Operation Report .....	28
3.4.6 Generate Reports .....	28
3.4.7 Export Information .....	28
<b>4. Mining revenue .....</b>	<b>28</b>
<b>4.1 Revenue Forecast .....</b>	<b>28</b>
4.1.1 View revenue forecast .....	28
<b>4.2 Currency Income .....</b>	<b>30</b>
4.2.1 View Daily Earnings .....	30
<b>4.3 Automatic Profit Optimization .....</b>	<b>30</b>
4.3.1 Turning On and Off Automatic Tuning .....	30
<b>5. Infrastructure .....</b>	<b>30</b>
<b>5.1 ANTSPACE .....</b>	<b>30</b>
5.1.1 Add ANTSPACE .....	30
5.1.2 Export and Delete .....	31
5.1.3 Edit .....	31
5.1.4 View Details .....	31
<b>5.2 temperature .....</b>	<b>33</b>
5.2.1 Temperature Curve Check .....	33
<b>5.3 Humidity .....</b>	<b>34</b>
5.3.1 Viewing the humidity curve .....	34
<b>5.4 Equipment Management .....</b>	<b>34</b>
5.4.1 Equipment List .....	34
5.4.2 New Equipment .....	34
<b>6. Asset Management .....</b>	<b>35</b>
<b>6.1 Batch removal of mining machines .....</b>	<b>35</b>
<b>6.2 Asset List .....</b>	<b>35</b>
6.2.1 Display Asset List .....	35
6.2.2 Basic Operations .....	35
6.2.3 Shelf display of asset information .....	35
<b>6.3 Maintenance Records .....</b>	<b>36</b>
6.3.1 Create a ticket .....	36
6.3.2 View ticket information .....	36
<b>6.4 Asset Inventory .....</b>	<b>36</b>

6.4.1 Display asset inventory records .....	36
6.4.2 New Asset Inventory .....	37
6.4.3 Inventory Counting .....	37
6.4.4 Inventory Details .....	38
<b>6.5 Asset Setup .....</b>	<b>39</b>
6.5.1 Types of Assets .....	39
6.5.2 Asset Brands .....	40
6.5.3 Asset Model .....	40
6.5.4 Asset Status, Suppliers .....	40
<b>6.6 Check the shelf life .....</b>	<b>41</b>
<b>7. Statistical Reports .....</b>	<b>41</b>
<b>7.1 Comparison of Computing Power .....</b>	<b>41</b>
7.1.1 Computing Power Information View .....	41
<b>7.2 Daily Operation Report .....</b>	<b>42</b>
<b>7.3 Overview of Computing Power .....</b>	<b>42</b>
<b>7.4 Classification of Aircraft Models .....</b>	<b>43</b>
7.4.1 Types of Mining Machines .....	43
7.4.2 Mine Pools .....	43
7.4.3 Mining Pool & Sub-Account .....	43
<b>8. Account Security .....</b>	<b>45</b>
<b>8.1 Customer Management .....</b>	<b>45</b>
8.1.1 View customer information .....	45
8.1.2 Adding and modifying customer information .....	45
<b>8.2 Maintenance Personnel .....</b>	<b>46</b>
8.2.1 Display of Maintenance Personnel Information .....	46
8.2.2 Permission Modification .....	46
8.2.3 Modification and Addition of Operation and Maintenance Personnel Information .....	50
<b>8.3 Operation and Maintenance Roles .....</b>	<b>50</b>
8.3.1 View operation and maintenance role information .....	50
8.3.2 Adding, Deleting, and Modifying Role Type Information .....	51
<b>8.4 Logs/Records .....</b>	<b>53</b>
8.4.1 Operation Log .....	53
8.4.2 Change Records .....	54
<b>9. Settings .....</b>	<b>55</b>

<b>9.1 Agent Settings</b> .....	<b>55</b>
<b>9.2 Mine Pool Configuration</b> .....	<b>55</b>
9.2.1 Mine Pool Configuration .....	55
9.2.2 Sub-account Configuration .....	58
<b>9.3 IP Segment Management</b> .....	<b>58</b>
<b>9.4 Sub-mining Area Setup</b> .....	<b>59</b>
<b>9.5 Sub-mining Area IP Segment Settings</b> .....	<b>60</b>
<b>9.6 Shelf Setup</b> .....	<b>60</b>
9.6.1 Shelf Information View .....	60
9.6.2 Editing and Adding .....	60
<b>9.7 Alarm Settings</b> .....	<b>64</b>
<b>9.8 Abnormal Restart</b> .....	<b>65</b>
<b>9.9 Password Settings</b> .....	<b>66</b>
9.9.1 Modify password list .....	66
9.9.2 Change password .....	67
9.9.3 View password .....	67
<b>9.10 Firmware Upgrade</b> .....	<b>68</b>
<b>9.11 Other</b> .....	<b>68</b>
9.11.1 Remove from maintenance list .....	68
<i>frequently asked questions FAQ</i> .....	<i>69</i>
<i>1. How many machines does each nuc support?</i> .....	<i>69</i>
<i>2. When should you set up sub-mining areas?</i> .....	<i>69</i>
<i>3. Why must the number of mining pool hosts be at least XX?</i> .....	<i>69</i>

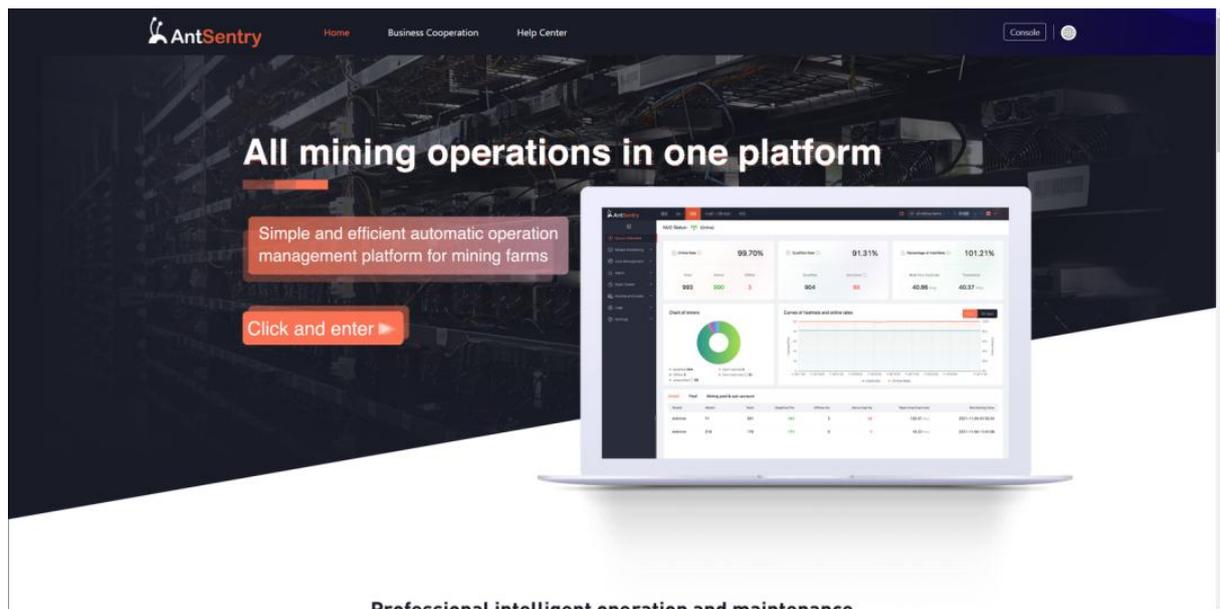
## ANTSENTRY Overview

ANTSENTRY is an advanced digital visualization platform for mining farm operations, developed by Bitmain to provide mining farm owners with a one-stop automated management solution. As a free service platform, ANTSENTRY focuses on enhancing operational efficiency through intelligent monitoring, ensuring stable farm performance. Additionally, it offers exclusive services for Bitmain Antminer users, including customized firmware upgrades and flexible mode switching. These services not only optimize mining machine performance but also allow users to adapt mining modes according to farm-specific needs.

ANTSENTRY empowers users to effortlessly monitor mining machine metrics and perform batch operations, dramatically boosting productivity. As a powerful solution, it enables smart, low-maintenance operations for mining farms.

## register and login

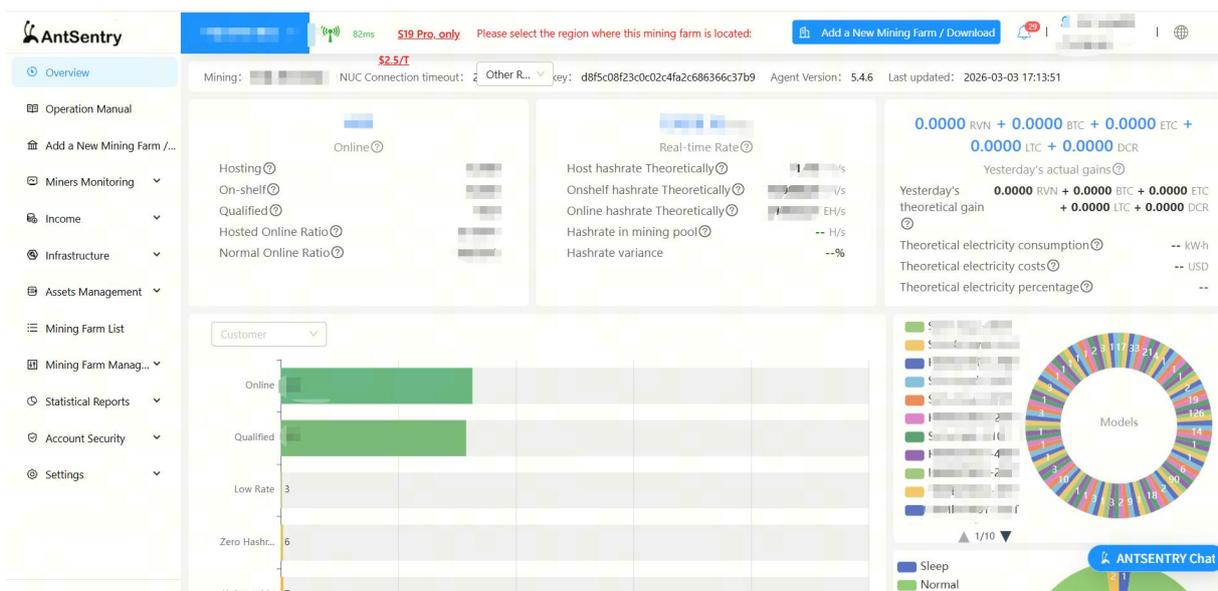
Visit the ANTSENTRY website (<https://www.antsentry.com/>)



Professional intelligent operation and maintenance

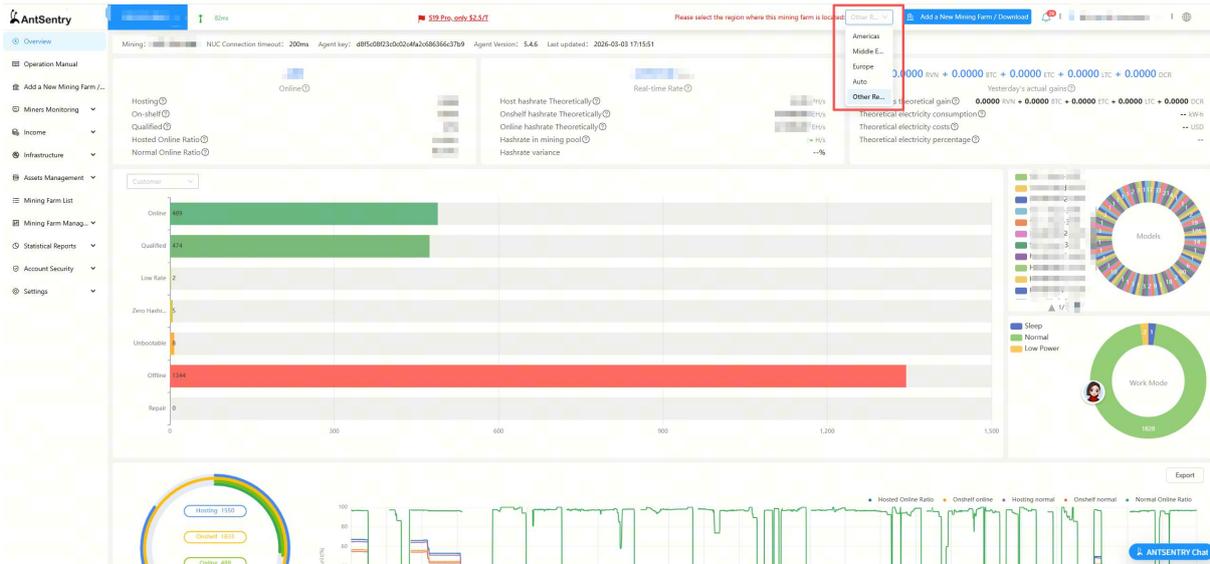
1. Click the Console button in the top-right corner to enter the login interface. Log in directly if you already have an account, or click Register to enter the registration interface.
  - a. Login methods: mobile verification code login, account password login;
  - b. Registration methods: Quick mobile registration, Email registration
  - c. Chinese mainland mobile phone numbers cannot be registered.

2. After successful registration, you can access the ANTSENTRY overview page.



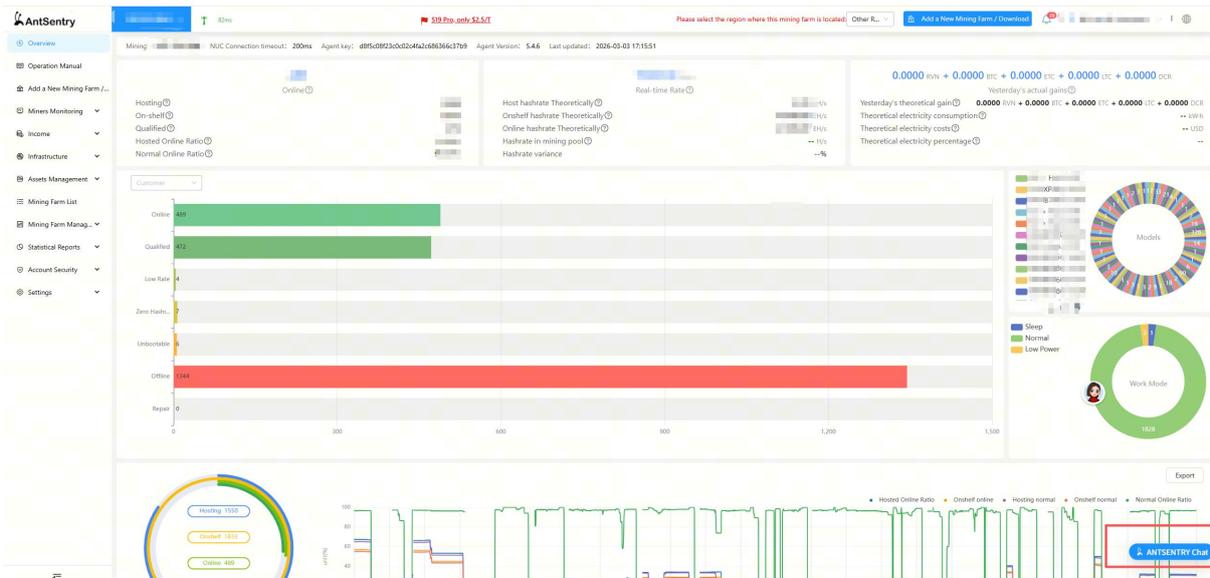
## Select region

Go to the overview page and select the region of the NUC where the Agent service is deployed. If it is not in the Americas, Middle East, or Europe, choose other regions.

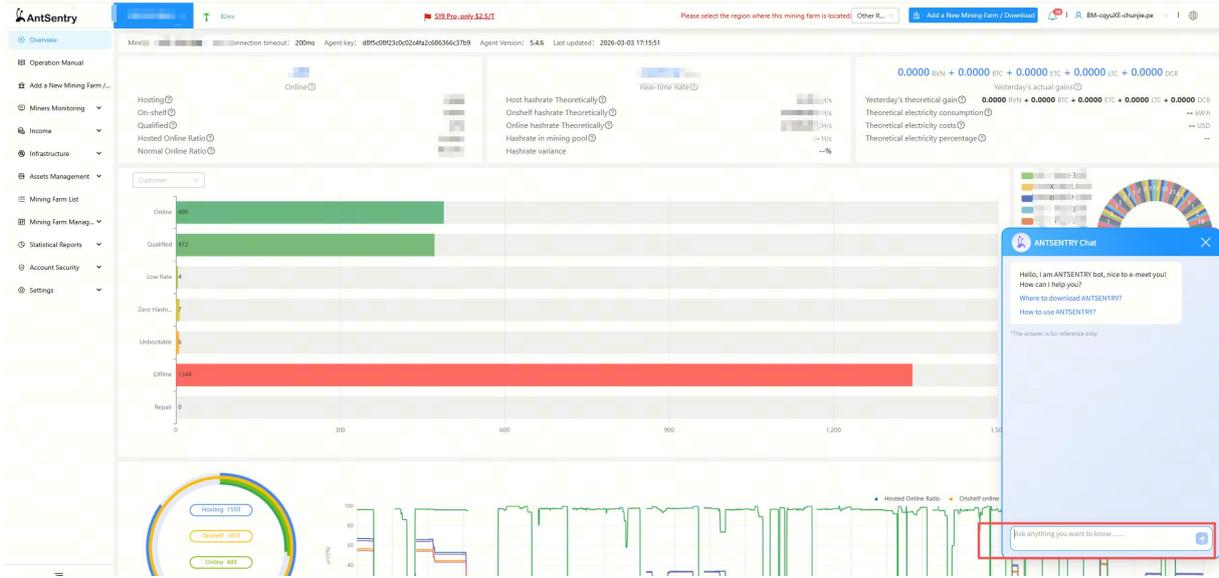


## Smart Customer Service

Click "ANTSENTRY Chat" at the bottom right of the page

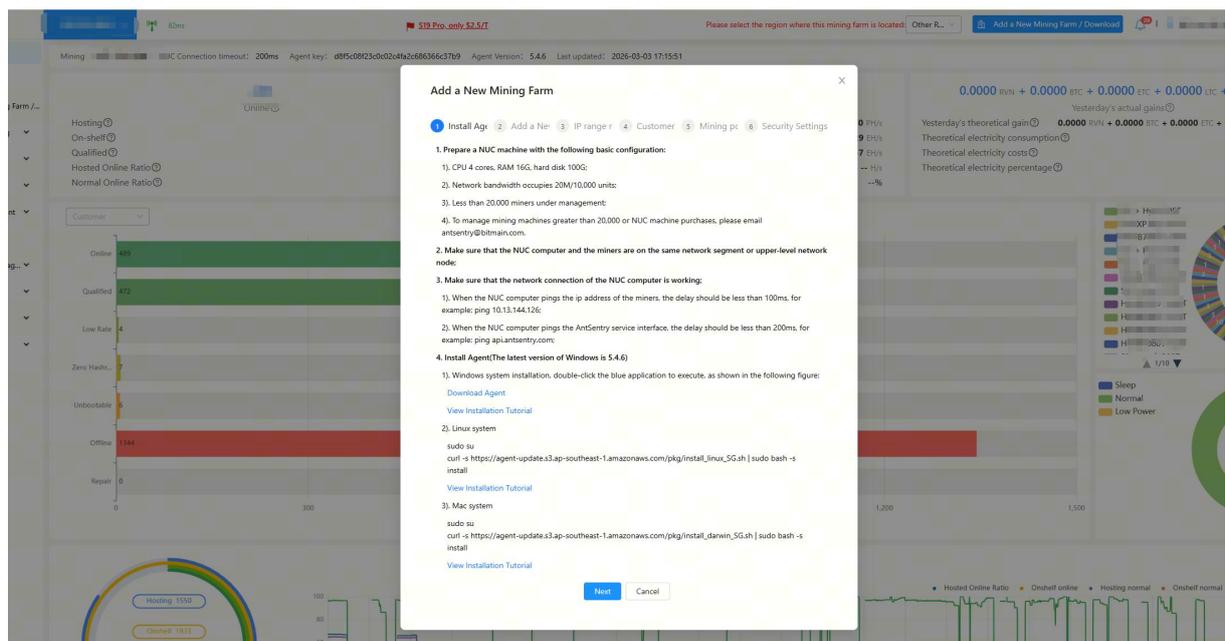
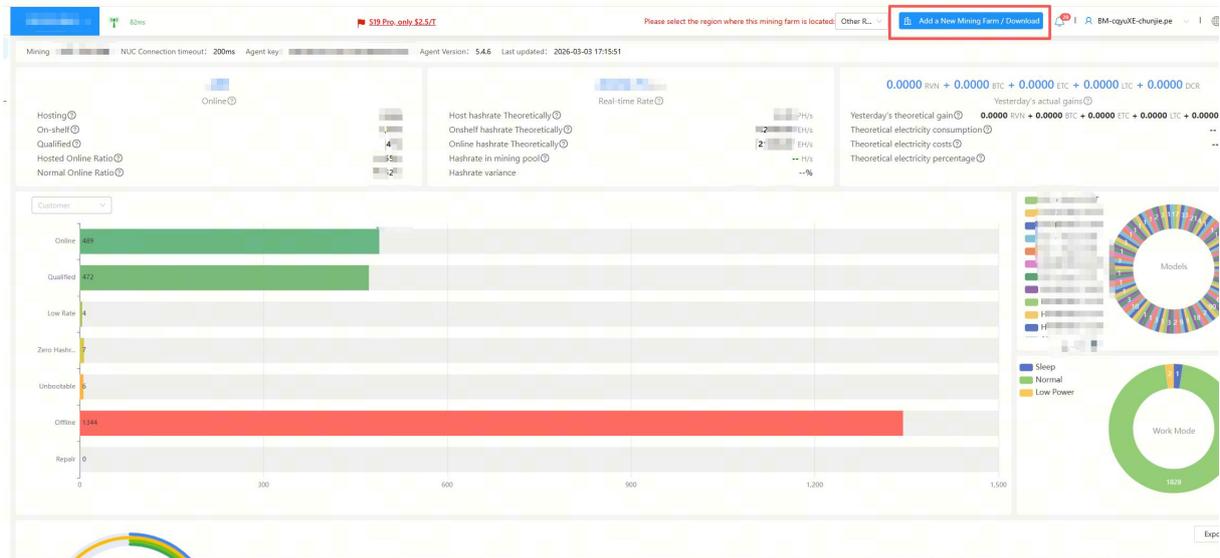


Enter your question in the input box to get the answer.



# 1. Create a Mining Farm

1. After logging in, click the "Add a New Mining Farm" button in the top-right navigation to enter the mine creation interface, as shown below:

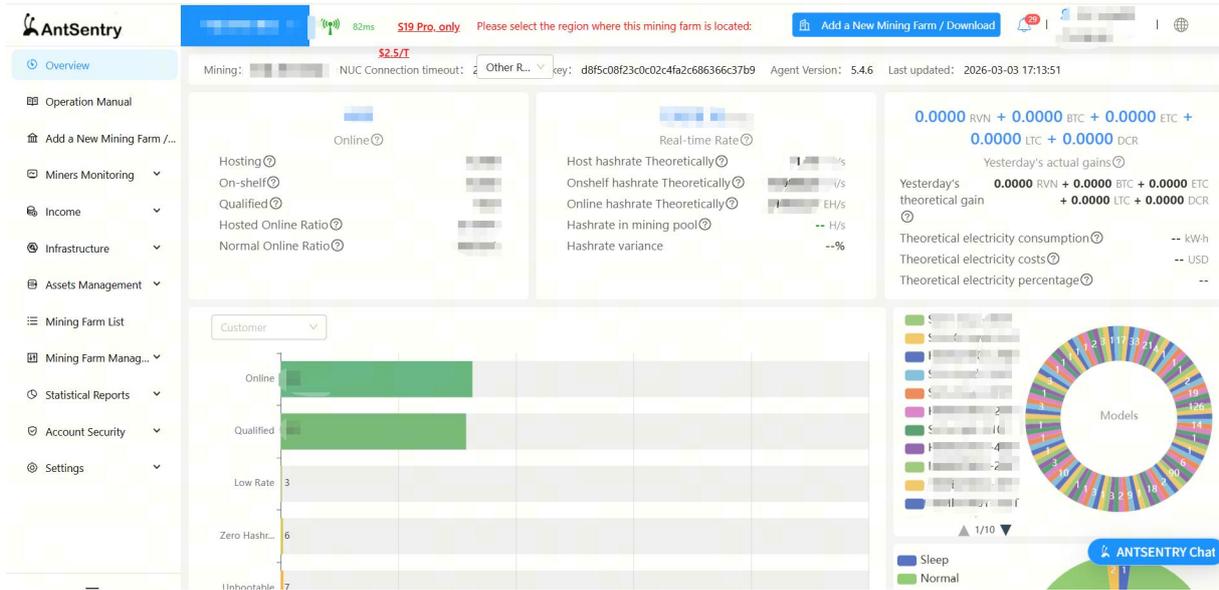


2. The mining farm setup consists of five steps: Agent installation, new mining farm creation, IP range restriction, mining pool configuration, and security settings. Follow these steps in order.
3. The agent must download, decompress, and launch to proceed to the next step: 'Create a new mining farm'.
4. If the agent key is already present, you can modify it. Modify the last two characters of the agent key in the agent configuration file.

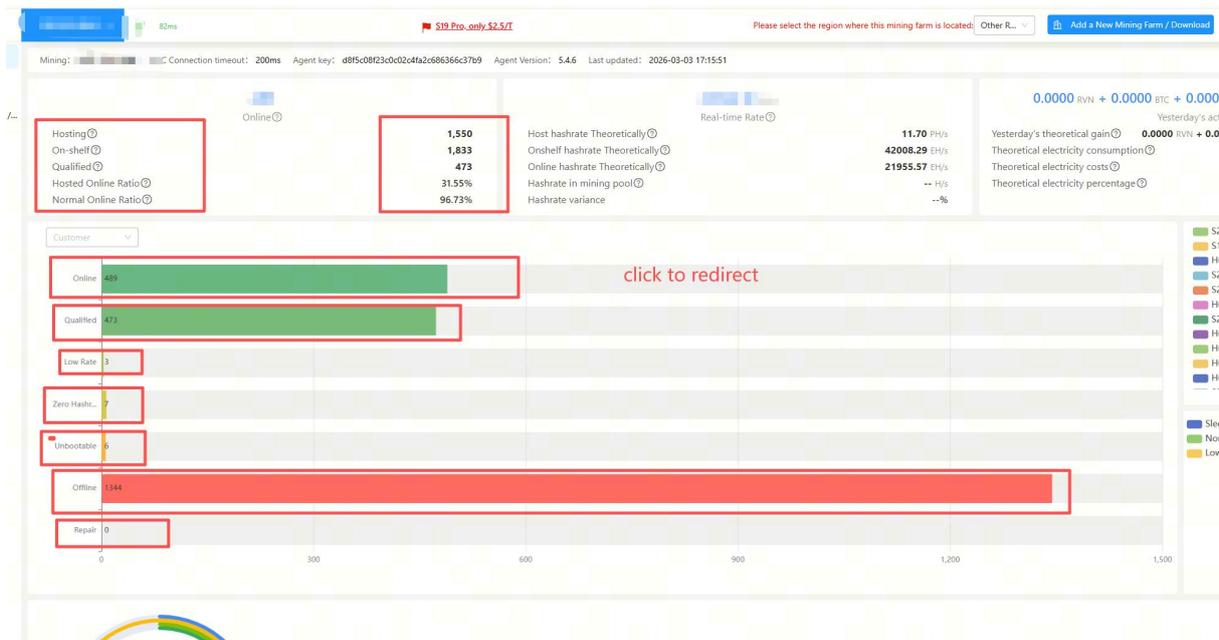
## **2. Overview Page**

1. The overview page provides a multi-dimensional visualization of mining equipment performance,

enabling mining farm administrators to instantly grasp key metrics including machine status, computational power, revenue, and electricity costs.

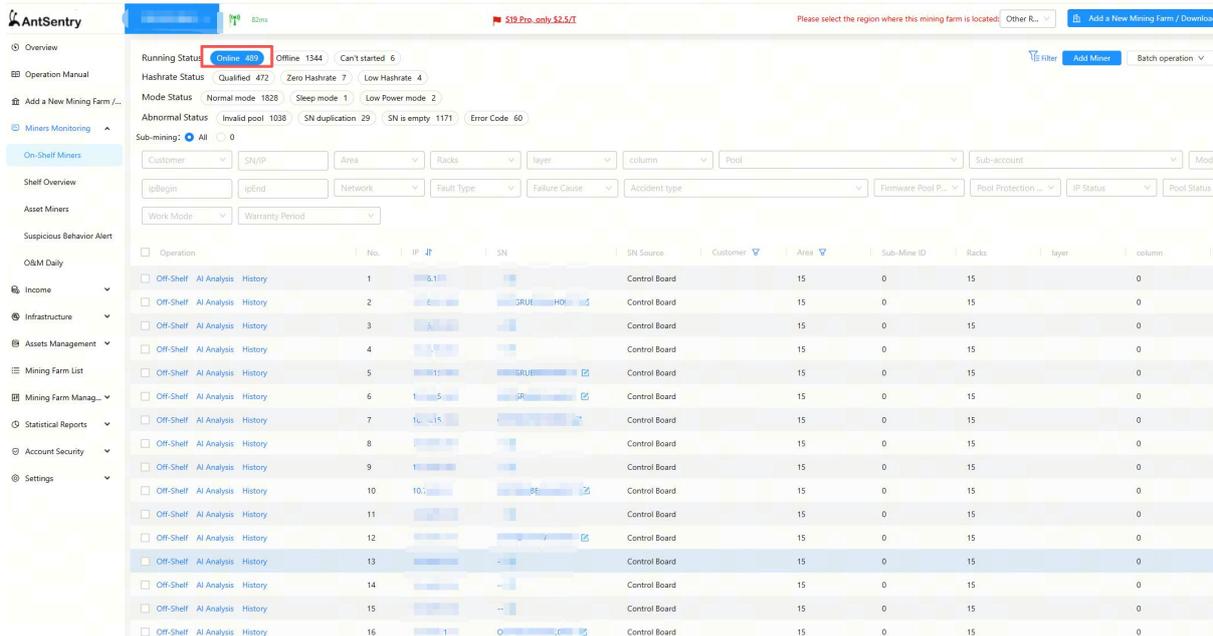


Overview page

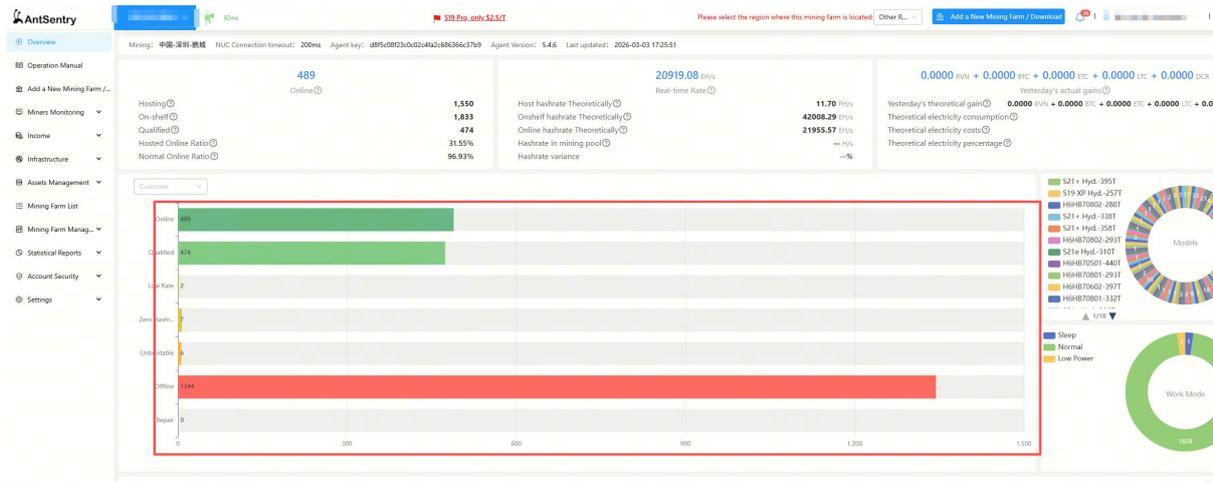


Click to redirect

2. Click 'Online', 'Managed', 'Listed', or 'Qualified' to access the corresponding mining machine list interface.



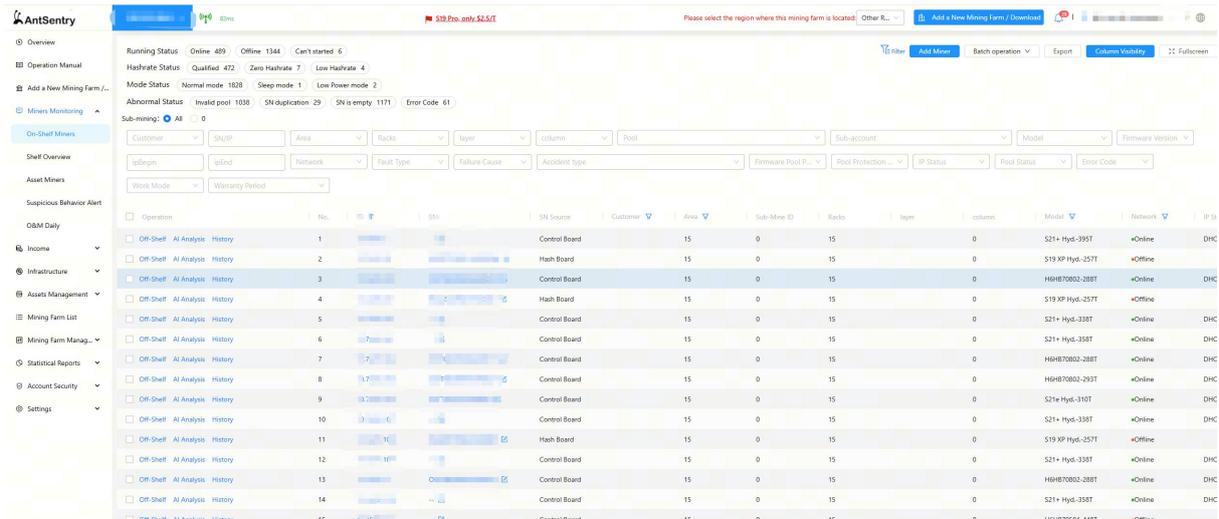
3. Click on any column in the column chart to access the corresponding mining machine list page.



# 3. Mining machine monitoring

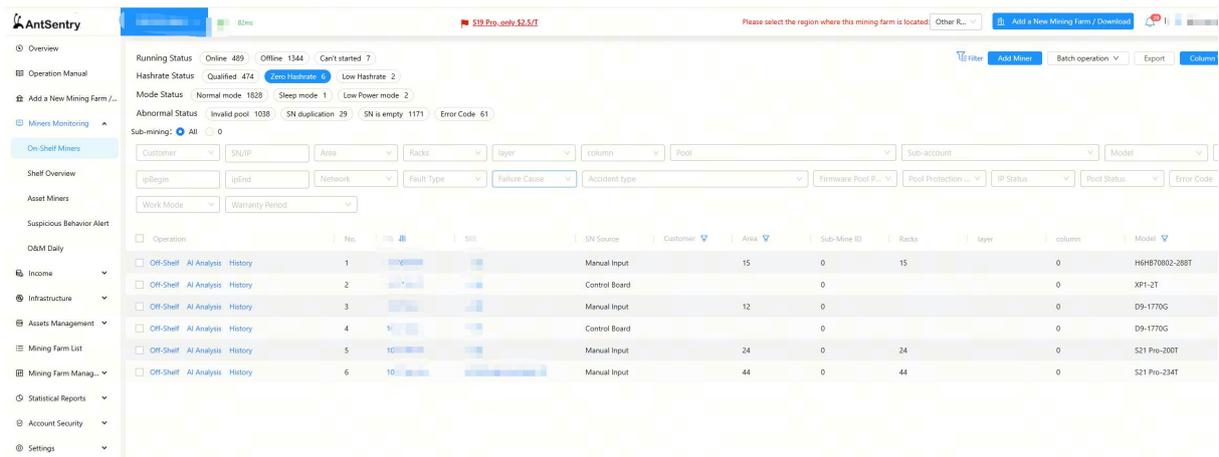
## 3.1 Mining machines on the shelves

The mining machine list displays all configured machines within the specified IP range. The top section shows status labels including 'listed', 'online', 'offline', 'qualified', and 'zero computing power'. Click to quickly search for machines by status.



### 3.1.1 Top Statistics Label

The labels contain specific statistics. Click a label to search, as shown in the figure below.



### 3.1.2 Filtering

Filter based on required conditions, and combine filters by labels, sub-mines, and filter conditions.

The screenshot shows the AntSentry dashboard with various filtering options. A red box highlights the 'Sub-mining' filter section, which includes dropdowns for Customer, SN/UP, Area, Racks, Layer, Column, Pool, Sub-account, Model, and Firmware Version. Below this, another red box highlights a table of mining machines with columns for Operation, No., SN, SN Source, Customer, Area, Sub-Mine ID, Racks, Layer, Column, Model, and Network.

### 3.1.3 Batch Operations

You can perform batch operations on selected or filtered mining machines. Batch operations include: removing from list, restarting mining machines, configuring miner and mining pool, firmware upgrade, switching working mode, modifying client, restoring DHCP, turning on location light, removing from list + restoring DHCP, restoring factory settings, setting fan speed, and adding accident type.

The screenshot shows the AntSentry dashboard with various filtering options. A red box highlights the 'Batch operation' dropdown menu, which includes options like 'Off-Shelf', 'Restart the Miner', 'Configure worker-ID and Pool', 'Firmware Update', 'Change work mode', 'Modify customer', 'Recover DHCP', 'Location light', 'Remove + Recover DHCP', 'Reset', 'Fan speed', 'Add accident type', 'Adjusting HashRate', 'Setting the Miner frequency', 'Setting the Miner Power Percent', and 'Download history log'.

### 3.1.4 List Fields

Select the fields to display and their order based on your business needs.

1. The first two fields in the selected field are fixed list columns by default.
2. You can drag and drop the selected fields to adjust their display position in the list.

The screenshot shows a mining management dashboard. At the top, there are status indicators: Running Status (Online 489, Offline 1344, Can't started 6), Hashrate Status (Qualified 473, Zero Hashrate 7, Low Hashrate 3), Mode Status (Normal mode 1028, Sleep mode 1, Low Power mode 2), and Abnormal Status (Invalid pool 1038, SN duplication 29, SN is empty 1171, Error Code 61). Below these are various filters and a table of mining machines. An 'Export' dialog box is open, with 'Columns Visibility' selected, showing a list of fields to be included in the export file.

### 3.1.5 Export

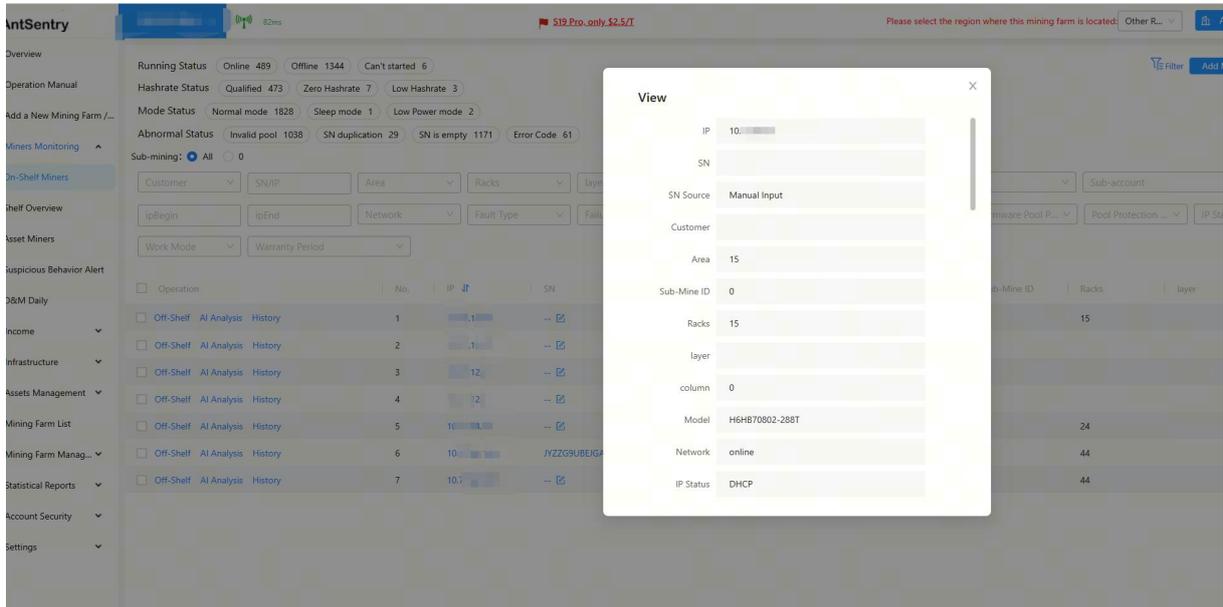
Export an XLSX file containing all mining machines listed at the time.

The screenshot shows the same mining management dashboard, but with the 'Export' dialog box open and the 'Columns Visibility' option selected. Below the dialog box, an XLSX file is displayed, showing a table of mining machines with columns for IP, SN, SN Source, Chain SN, MAC, Customer, Area, Sub-mining, Racks, Model, Network, Fault Type, Fault cause, Incident T, Work Mod, Error Code, Ideal Hash, Real-time Hash, and Hash R.

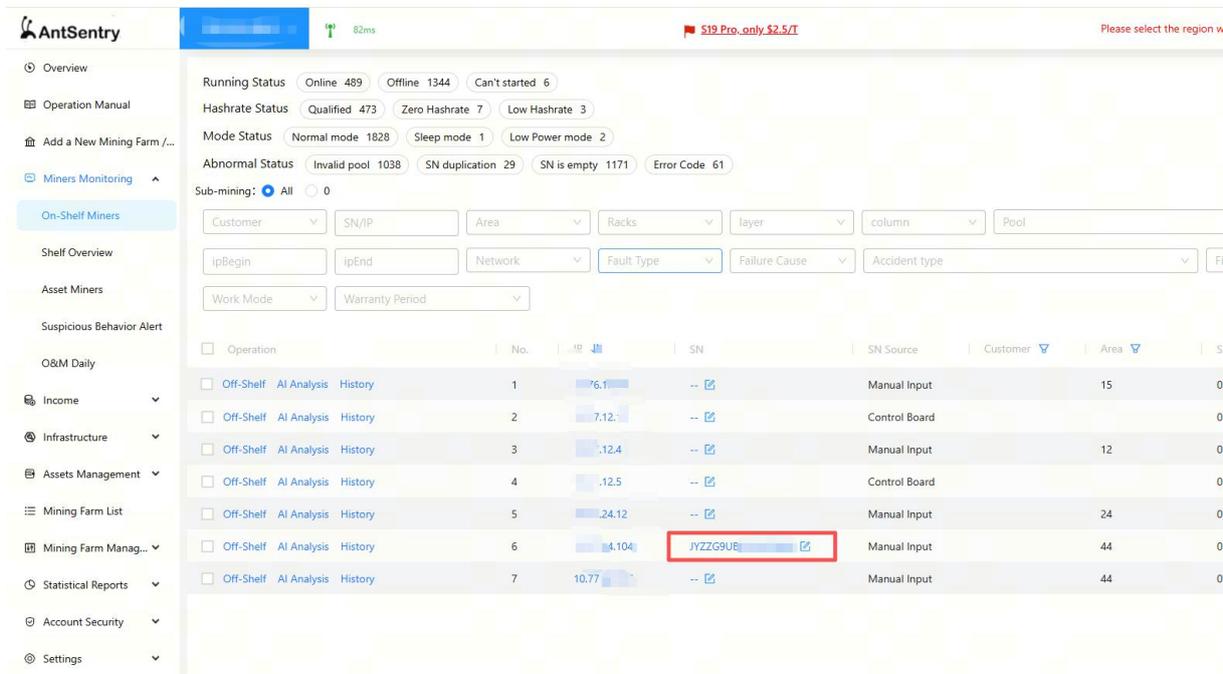
#	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	IP	SN	SN Source	Chain SN	MAC	Customer	Area	Sub-mining	Racks	Model	Network	Fault Type	Fault cause	Incident T	Work Mod	Error Code	Ideal Hash	Real-time Hash	Hash R
2	10.76.15.1		Control Bo	OLTTYW1E	EC:84:39:3		15		0 15	S21+ Hyd.-	Online	Qualified			Normal		395000GH	404391.06	404052
3	10.76.15.1	DZL	Hash Boar	HQDZYPH			15		0 15	S19 XP Hyc	Offline				Normal		257000GH	264102.69	260043
4	10.76.15.1	TG	Control Bo	OLTTYW1E	EC:84:39:8		15		0 15	H6HB7080	Online	Qualified			Normal		288000GH	296983.88	300493
5	10.76.15.1	DZE	Hash Boar	HQDZYPH			15		0 15	S19 XP Hyc	Offline				Normal		257000GH	260386.34	261213
6	10.76.15.1		Control Bo	OLTTYW1E	EC:84:39:3		15		0 15	S21+ Hyd.-	Online	Qualified			Normal		338000GH	354815.16	351933
7	10.76.15.1		Control Bo	OLTTYW1E	EC:84:39:C		15		0 15	S21+ Hyd.-	Online	Qualified			Normal		358000GH	364649.56	368302
8	10.76.15.1	TG	Control Bo	OLTTYW1E	EC:84:39:3		15		0 15	H6HB7080	Online	Qualified			Normal		288000GH	291334.81	293373
9	10.76.15.1	TG	Control Bo	OLTTYW1E	EC:84:39:6		15		0 15	H6HB7080	Online	Qualified			Normal		293000GH	303226.38	306892
10	10.76.15.1	TG	Control Bo	OLTTYW1E	EC:84:39:2		15		0 15	S21e Hyd.-	Online	Qualified			Normal		310000GH	314266.59	313393
11	10.76.15.1		Control Bo	OLTTYW1E	EC:84:39:A		15		0 15	S21+ Hyd.-	Online	Qualified			Normal		338000GH	348778.34	351862
12	10.76.15.1		AE Hash Boar	HQDZYQ1E			15		0 15	S19 XP Hyc	Offline			Normal		257000GH	256142.23	259611	
13	10.76.15.1		Control Bo	OLTTYW1E	EC:84:39:8		15		0 15	S21+ Hyd.-	Online	Qualified			Normal		338000GH	347858.63	350854

### 3.1.6 View Mining Machine Details

1. Click any blank area on the single-line mining machine to view all its information.

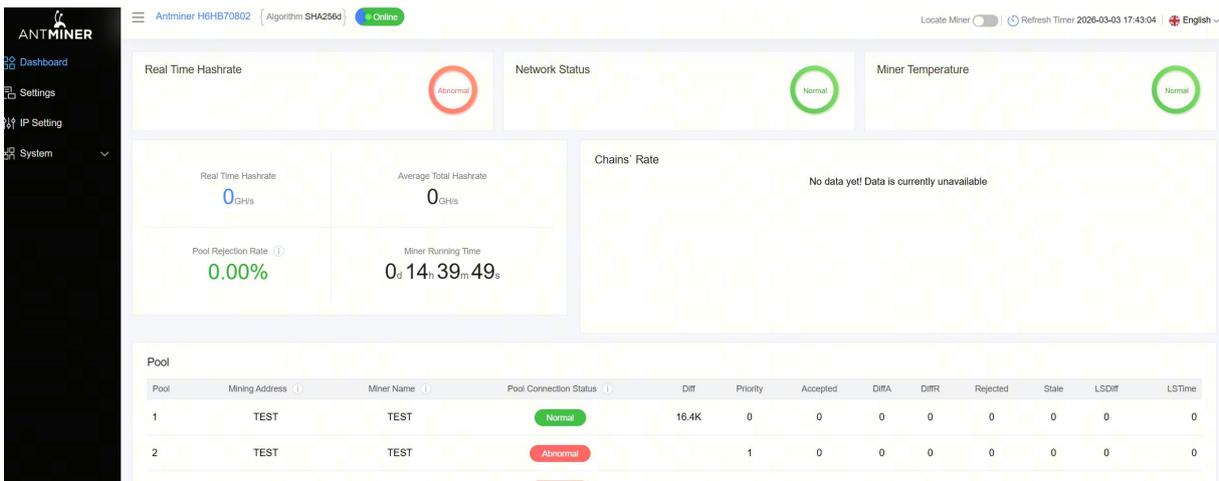
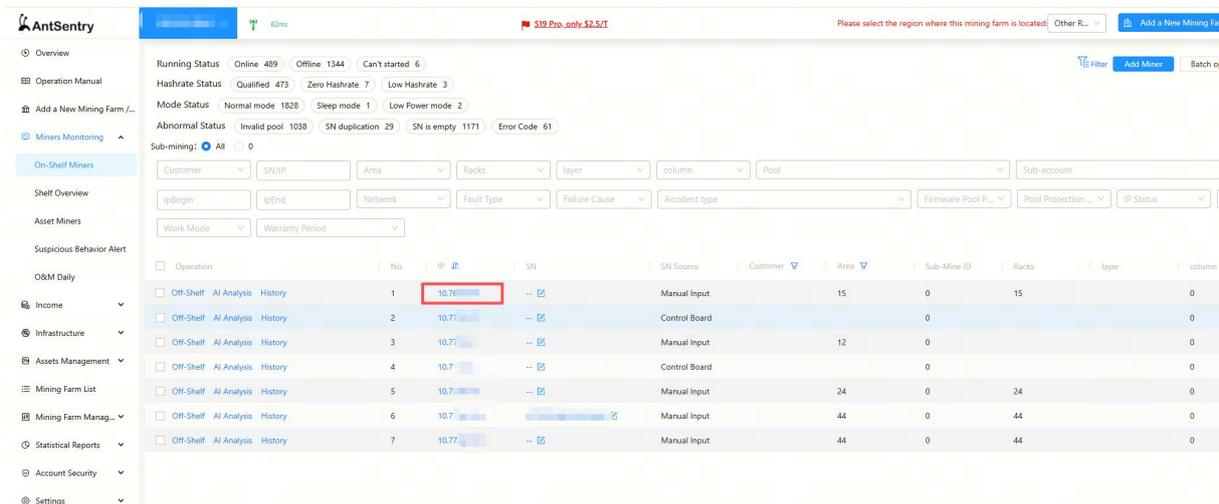


2. Clicking SN takes you to the details page, which includes an overview, status, monitoring information, and kernel log information.





3. Click a single IP to log in and view mining machine details.



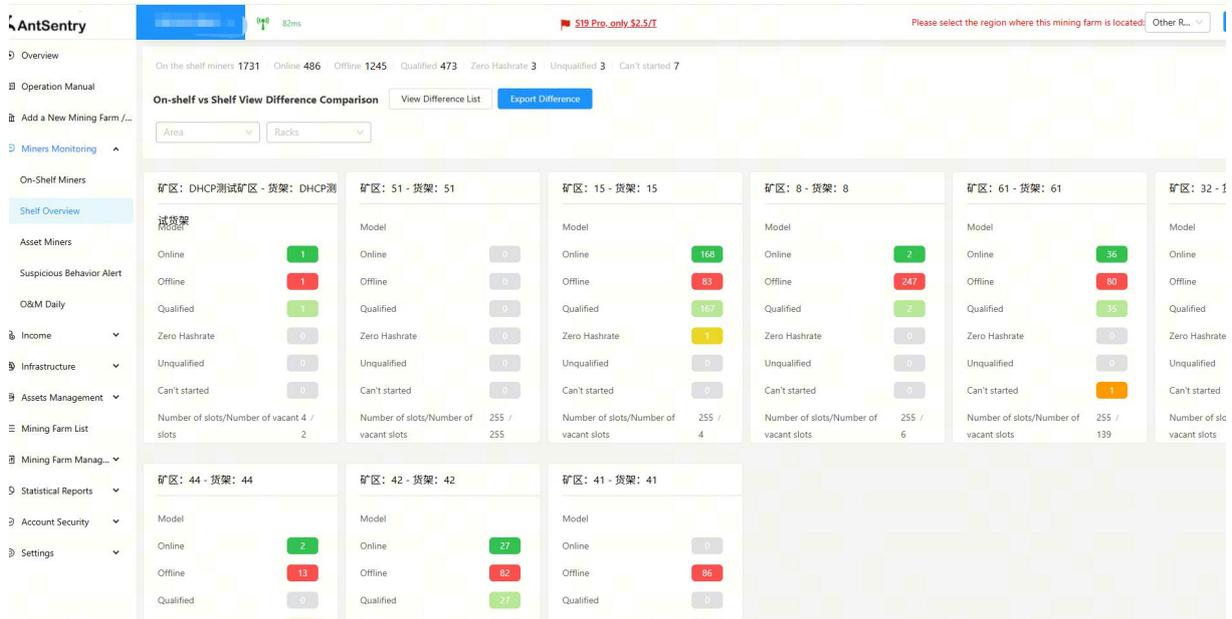
## 3.2 Shelf Display

### 3.2.1 Shelf Overview

1. Display the model, qualified units, dropped units, abnormal units, and occupied/empty positions of

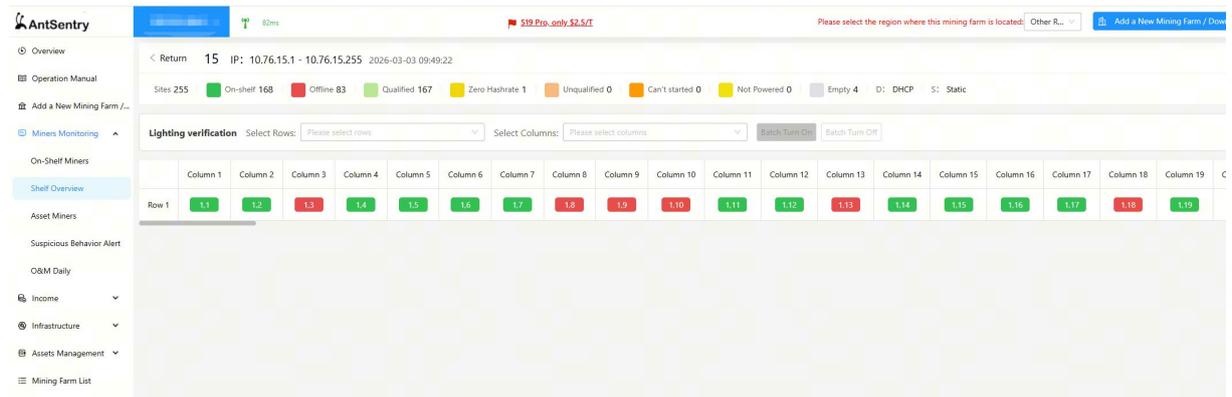
the shelf.

2. Query by mining area and shelf;
3. Compare Shelf vs Shelf View Differences: View difference list and export differences
4. Supports exporting empty slots.

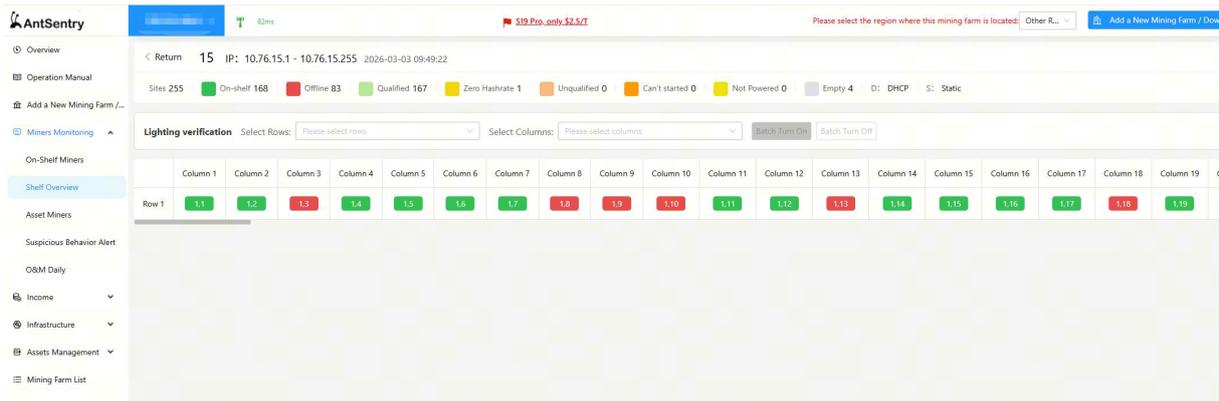


### 3.2.2 Shelf Details

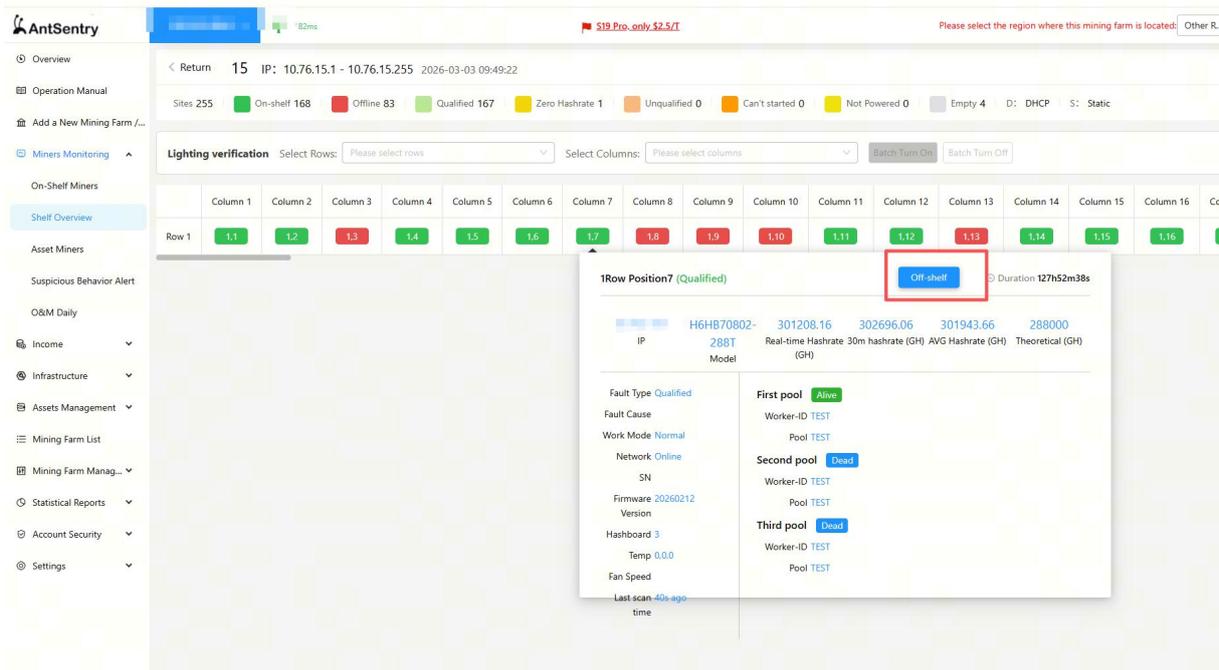
1. Click the shelf to access the details page for each machine position.
2. Turn lights on or off in batches by row or column.



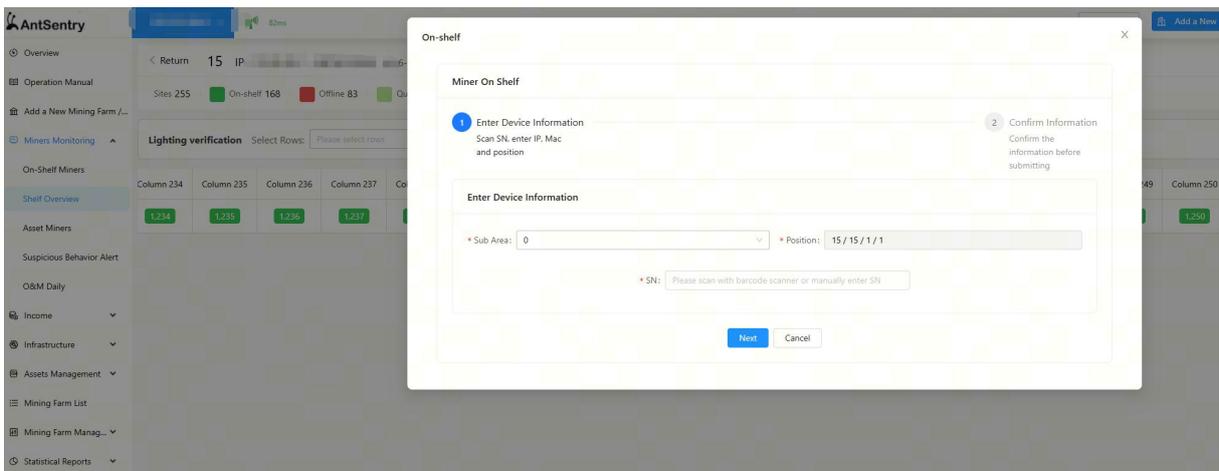
3. The operation and maintenance mode displays the IP configuration of mining machines, shelf occupancy status, and operational status of mining machines.



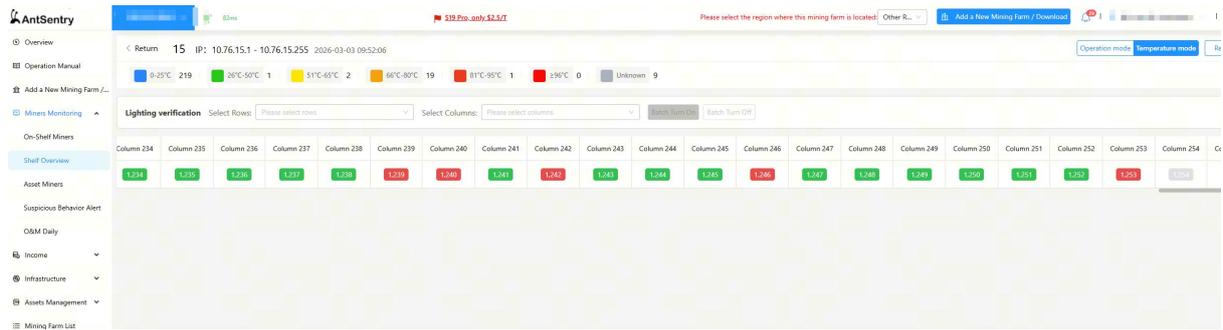
1) Click the green square to view details or remove this mining machine from the system.



2) Click the gray grid to add a new mining machine (or move an existing one)



4. The temperature mode displays the operating temperature distribution of mining machines on the shelf.



## 3.3 Removal Records

### 3.2.1 Check Shelf Removal Records

The initial page displays all mining machine removal records.

Operation	No.	IP	SN	Area	Racks	Model	Customer	History Log	Reason of removal	Repair Method	Recorder	Time
On-shelf Delete	1	5.1	DGA...		15	S19e XP Hyd-240T		Miner offline, unable L.	Miner offline, unable L.	撤场	BM-cqyx0E-chunjie.pe	2026-01-12 10:52:04
On-shelf Delete	2	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	3	10.71	HQDZ...		15	H9H856703-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	4	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	5	10.71	DLTDC...		15	S21+ Hyd-319T		Download	Success	其他:矿机坏了	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	6	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	7	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24
On-shelf Delete	8	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24
On-shelf Delete	9	10.71	DLTDC...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:38:28
On-shelf Delete	10	10.71	JZZZ...		15	S21+ Hyd-319T		历史任务下载超时	Failed	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:38:28
On-shelf Delete	11	10.71	YNA...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 03:24:55
On-shelf Delete	12	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 03:24:55
On-shelf Delete	13	10.71	DLTDC...		15	L7-9500M		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 02:58:11
On-shelf Delete	14	10.71	DLTDC...		15	S21+ Hyd-319T		Miner offline, unable L.	Miner offline, unable L.	其他	BM-cqyx0E-chunjie.pe	2025-12-09 09:12:12
On-shelf Delete	15	10.71	DLTDC...		15	S21+ Hyd-319T		Miner offline, unable L.	Miner offline, unable L.	其他	BM-cqyx0E-chunjie.pe	2025-12-09 09:16:05
On-shelf Delete	16	10.71	DGA...		31	S21+ 235T		Miner offline, unable L.	Miner offline, unable L.	算力故障	BM-cqyx0E-chunjie.pe	2025-09-29 11:34:41
On-shelf Delete	17	10.71	DGA...		31	S21+ 235T		Miner offline, unable L.	Miner offline, unable L.	算力故障	BM-cqyx0E-chunjie.pe	2025-09-29 11:34:41
On-shelf Delete	18	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	19	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	20	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	21	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	22	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	23	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55
On-shelf Delete	24	10.71	DGA...		61	S21+ 235T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-BFvwb-yamuan.usu	2025-09-16 22:07:55

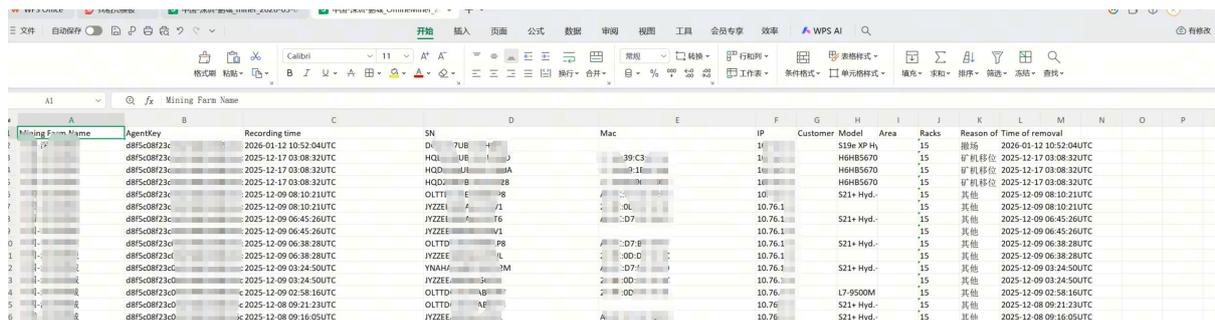
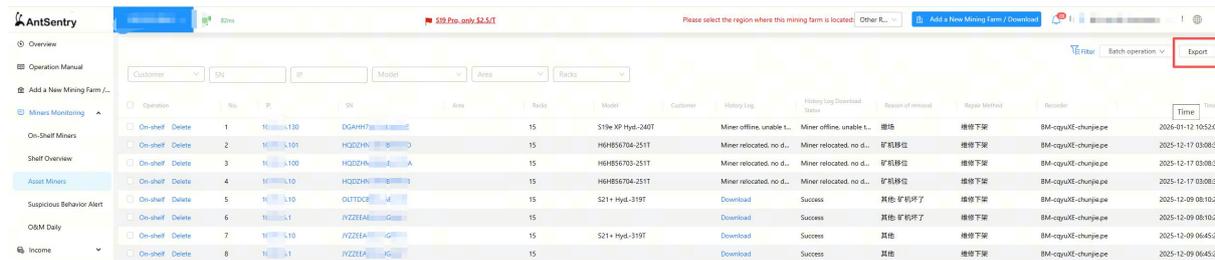
### 3.2.2 Filtering

Operation	No.	IP	SN	Area	Racks	Model	Customer	History Log	Reason of removal	Repair Method	Recorder	Time
On-shelf Delete	1	10.71	DGA...		15	S19e XP Hyd-240T		Miner offline, unable L.	Miner offline, unable L.	撤场	BM-cqyx0E-chunjie.pe	2026-01-12 10:52:04
On-shelf Delete	2	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	3	10.71	HQDZ...		15	H9H856703-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	4	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	5	10.71	DLTDC...		15	S21+ Hyd-319T		Download	Success	其他:矿机坏了	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	6	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	7	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24
On-shelf Delete	8	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24

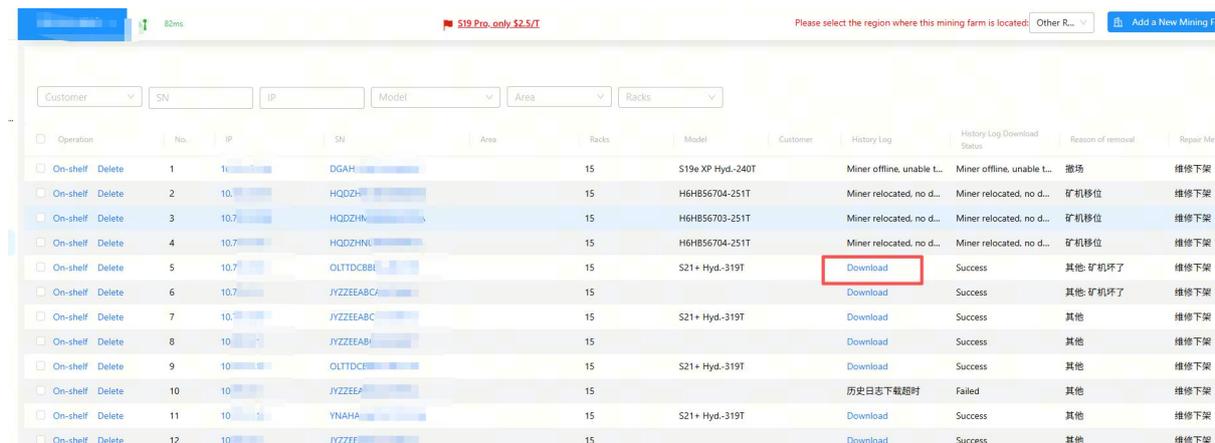
### 3.2.3 Batch Operations

Operation	No.	IP	SN	Area	Racks	Model	Customer	History Log	Reason of removal	Repair Method	Recorder	Time
On-shelf Delete	1	10.71	DGA...		15	S19e XP Hyd-240T		Miner offline, unable L.	Miner offline, unable L.	撤场	BM-cqyx0E-chunjie.pe	2026-01-12 10:52:04
On-shelf Delete	2	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	3	10.71	HQDZ...		15	H9H856703-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	4	10.71	HQDZ...		15	H9H856704-251T		Miner relocated, no d.	Miner relocated, no d.	矿机移位	BM-cqyx0E-chunjie.pe	2025-12-17 03:08:31
On-shelf Delete	5	10.71	DLTDC...		15	S21+ Hyd-319T		Download	Success	其他:矿机坏了	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	6	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 08:10:21
On-shelf Delete	7	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24
On-shelf Delete	8	10.71	JZZZ...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24
On-shelf Delete	9	10.71	DLTDC...		15	S21+ Hyd-319T		Download	Success	其他	BM-cqyx0E-chunjie.pe	2025-12-09 06:45:24

### 3.2.4 Export



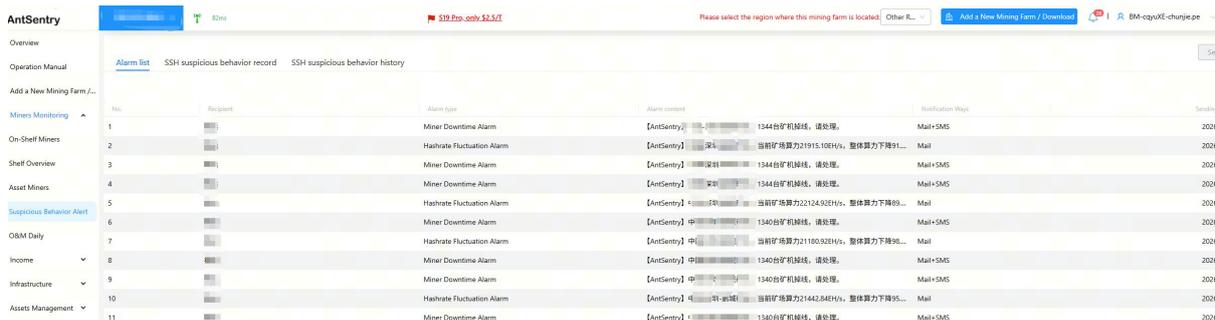
### 3.2.5 Downloading Mining Machine Logs



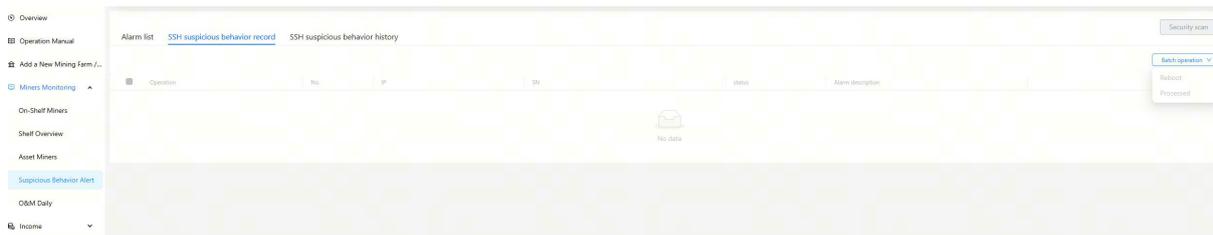
## 3.3 Abnormal Alarm

### 3.3.1 Displaying Alarm Information

1. The page displays alerts;

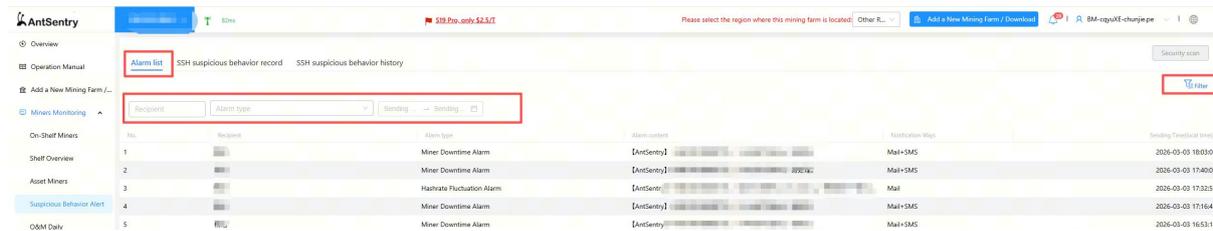


2. You can also view SSH suspicious behavior records and history.



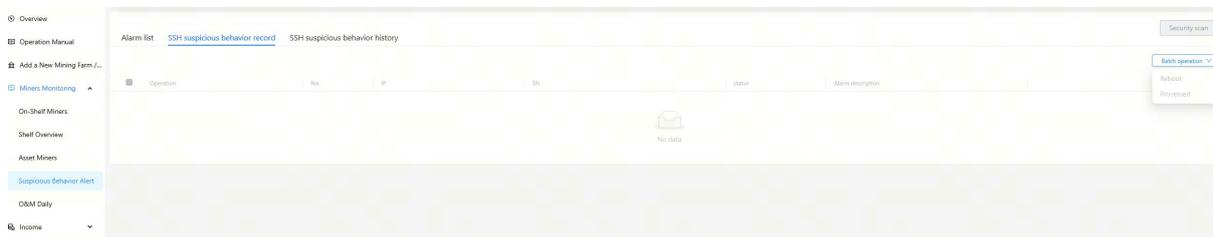
### 3.3.2 Filtering

You can filter the alert list.



### 3.3.3 Batch Operations

SSH suspicious behavior records can be processed in batches.



## 3.4 Daily Operation and Maintenance Report

### 3.4.1 View the daily operation report

The system provides comprehensive data for mining rigs from the previous day, primarily tracking operational status including: cryptocurrency type, model, custody count, listed count, online status, qualified status, screening status, custody online rate, listed online rate, custody qualification rate, listed qualification rate, online qualification rate, power-on status, power-deficient status, maintenance status, repaired but not listed, daily listed count, listed maintenance count, completed repairs, rig configuration, intake air temperature, data reporter, and reporting time. The custody count is calculated as: online status + maintenance status + power-deficient status.

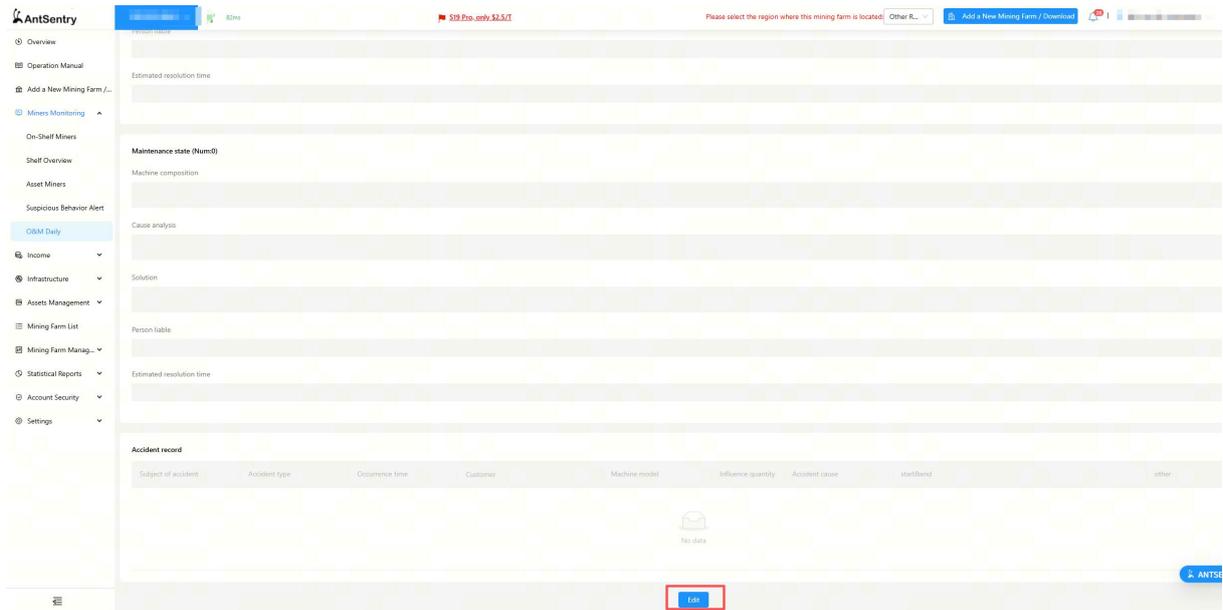
### 3.4.2 Basic Functions

The operation and maintenance report also provides the same basic functions as the mining machines listed in 3.1, including filtering, adding, exporting, list display, and sorting.

### 3.4.3 Modify the daily operation report

1. Click any blank line to manually edit the previous day's mining machine data, including: total units in operation, online status, qualified status, filtered status, decommissioned units, powered units, power-deficient units, maintenance units, repaired units not in operation, daily decommissioned units, maintenance units in operation, completed repairs, and air intake temperature of mining machine configurations.

- Click the edit button at the bottom to manually add anomaly details, root cause analysis, solutions, responsible personnel, and estimated resolution time for filtered mining machines.



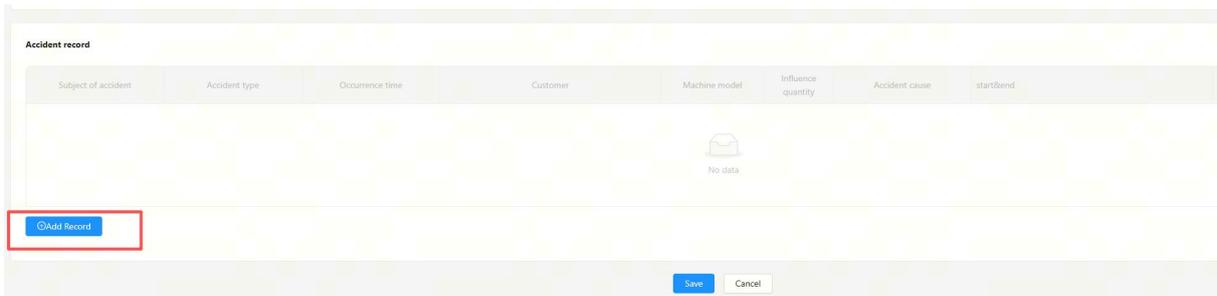
- For mining machines in power shortage, you can add the following details: cause analysis, solutions, responsible person, and estimated resolution time.



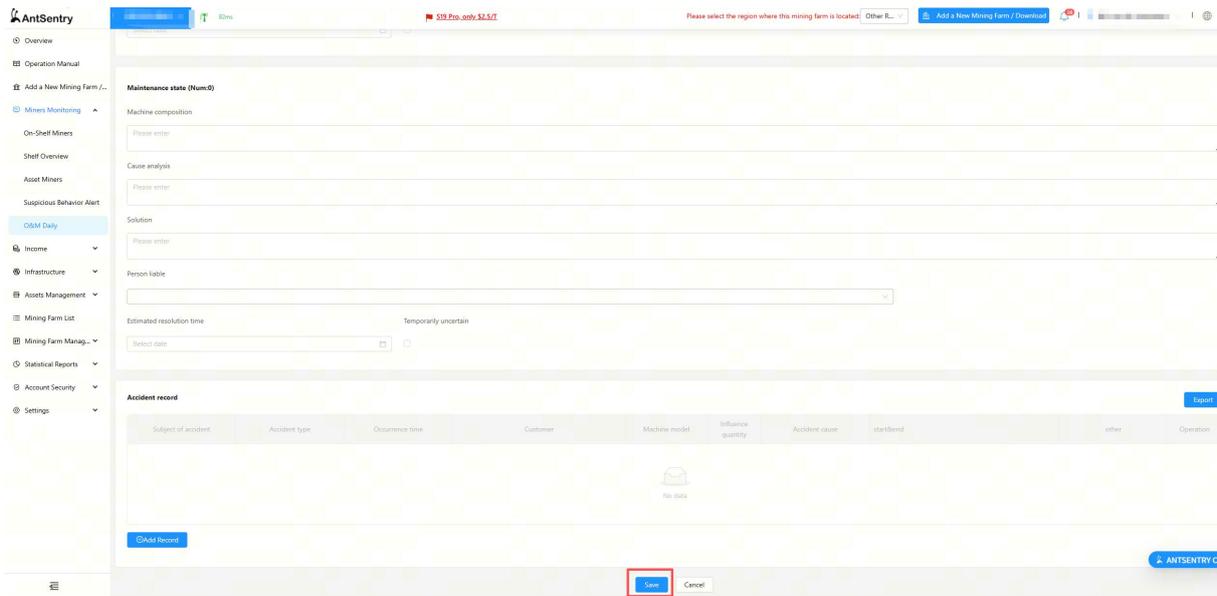
- For the maintenance status of mining machines, you can add machine configuration, cause analysis, solutions, responsible person, and estimated resolution time.



- Add accident records;

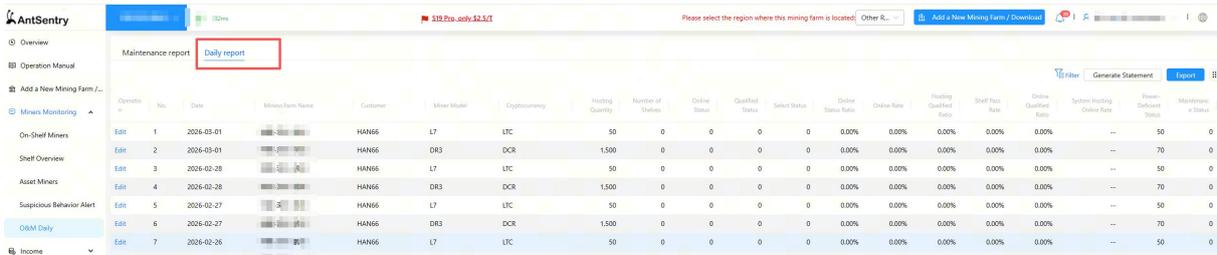


6. After completing steps 3-6, click Save.



### 3.4.4 Display daily operations report

1. The system displays: date, mining farm name, client, machine model, cryptocurrency, custody count, listing count, online status, qualified status, filtered status, custody online rate, listing online rate, custody qualification rate, listing qualification rate, online qualification rate, power shortage status, maintenance status, scrap count, custody theoretical computing power, listing theoretical computing power, online theoretical computing power, monitoring computing power, computing power variance rate, computing power efficiency, daily output, theoretical revenue, mining pool revenue, cloud computing revenue, actual revenue, revenue variance rate, theoretical electricity consumption, theoretical electricity cost, theoretical electricity cost ratio, variance analysis, corrective measures, estimated completion time, and responsible personnel information.



2. Click the current row data to view a single item.

ntny

Maintenance report **Daily report**

19 Pro, only \$2.5/T

Please select the region where this mining farm is located: Other R...

Operation No.	Date	Mining Farm Name	Customer	Miner Model	Online Status	Select Status	Online Status Ratio	Online Rate
Edit 1	2026-03-01		HAN66	L7	0	0	0.00%	0.00%
Edit 2	2026-03-01		HAN66	DR3	0	0	0.00%	0.00%
Edit 3	2026-02-28		HAN66	L7	0	0	0.00%	0.00%
Edit 4	2026-02-28		HAN66	DR3	0	0	0.00%	0.00%
Edit 5	2026-02-27		HAN66	L7	0	0	0.00%	0.00%
Edit 6	2026-02-27		HAN66	DR3	0	0	0.00%	0.00%
Edit 7	2026-02-26		HAN66	L7	0	0	0.00%	0.00%
Edit 8	2026-02-26		HAN66	DR3	0	0	0.00%	0.00%
Edit 9	2026-02-25		HAN66	L7	0	0	0.00%	0.00%
Edit 10	2026-02-25		HAN66	DR3	0	0	0.00%	0.00%
Edit 11	2026-02-24		HAN66	L7	0	0	0.00%	0.00%
Edit 12	2026-02-24		HAN66	DR3	0	0	0.00%	0.00%
Edit 13	2026-02-23		HAN66	L7	0	0	0.00%	0.00%
Edit 14	2026-02-23		HAN66	DR3	0	0	0.00%	0.00%
Edit 15	2026-02-22		HAN66	L7	0	0	0.00%	0.00%
Edit 16	2026-02-22		HAN66	DR3	0	0	0.00%	0.00%
Edit 17	2026-02-21		HAN66	L7	0	0	0.00%	0.00%
Edit 18	2026-02-21		HAN66	DR3	0	0	0.00%	0.00%

*select a row to click*

### View

Date: 2026-03-01

Mining Farm Name: HAN66

客户: HAN66

Miner Model: L7

Cryptocurrency: LTC

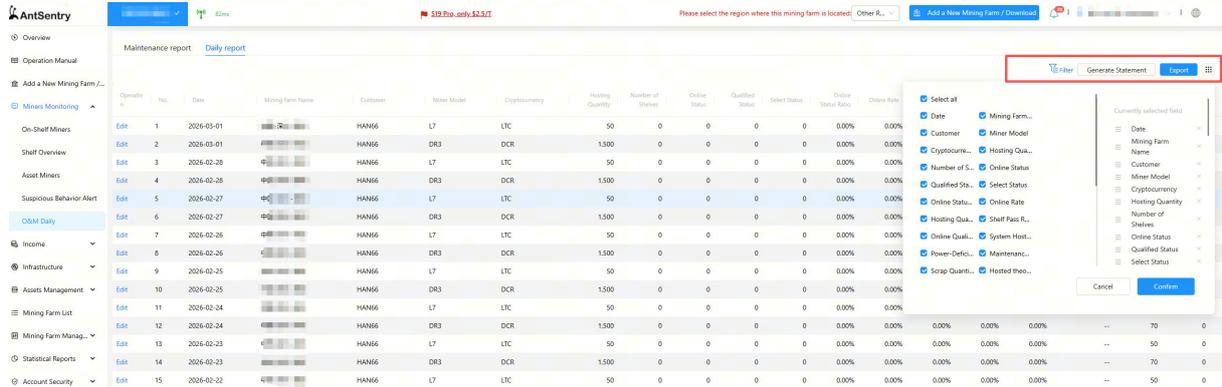
Hosting Quantity: 50

Confirm

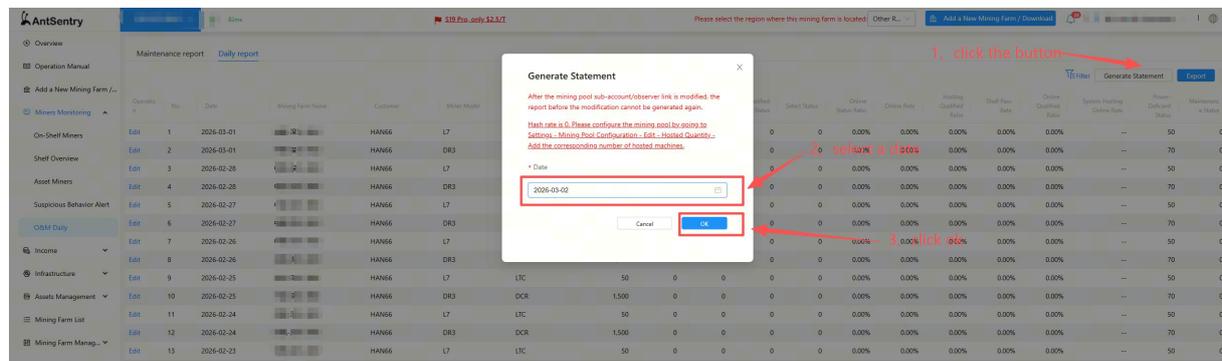
DCR 1,500 0 0 0 0 0.00% 0.00%

### 3.4.5 Basic Functions of the Daily Operation Report

It provides the same filtering information as before but does not offer modification or addition.



### 3.4.6 Generate Reports



### 3.4.7 Export Information

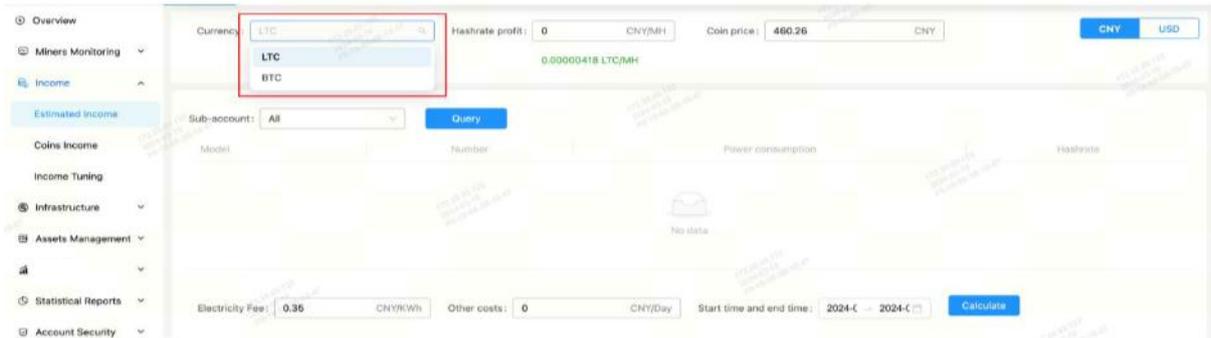


## 4. Mining revenue

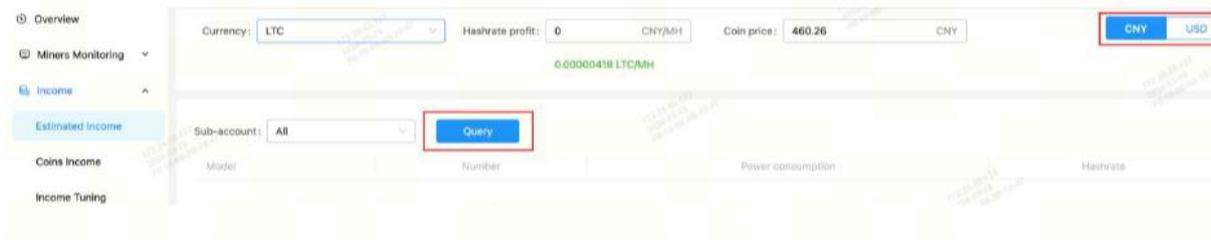
### 4.1 Revenue Forecast

#### 4.1.1 View revenue forecast

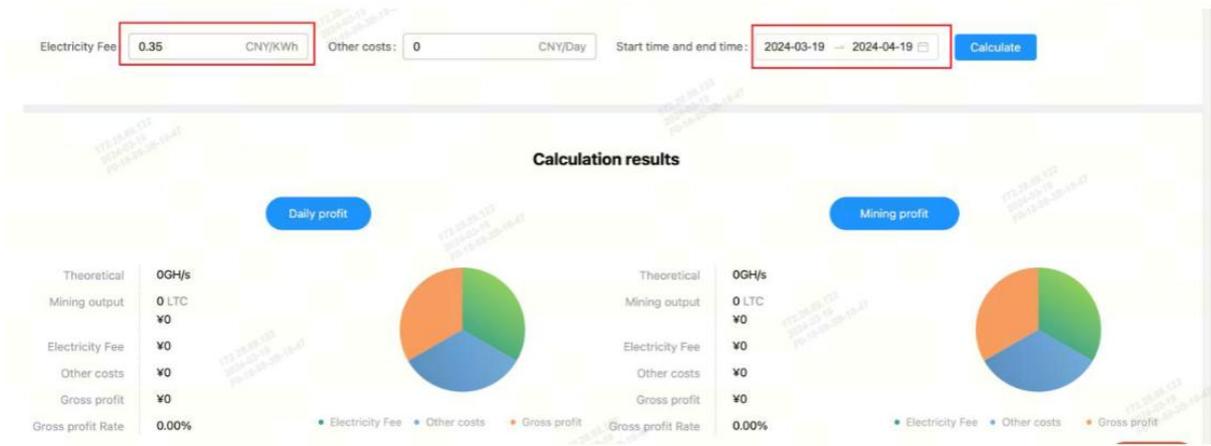
1. Select a currency;



2. Select RMB/USD and a sub-account, then click Query.



3. Enter the electricity price and date to calculate the profit.



## 4.2 Currency Income

### 4.2.1 View Daily Earnings

Operation No.	Date	Number of miners	Pool Income	Monitor/Saving	Income difference	Electricity Fee	Daily Net Income
1	2024-03-18	985	¥ 0.00	¥ 0.00	0.00%	¥ 0.00	¥ 0.00
2	2024-03-17	985	¥ 0.00	¥ 0.00	0.00%	¥ 0.00	¥ 0.00
3	2024-03-16	985	¥ 0.00	¥ 0.00	0.00%	¥ 0.00	¥ 0.00
4	2024-03-15	1002	¥ 0.00	¥ 20	-100.00%	¥ 0.00	¥ 0.00
5	2024-03-14	983	¥ 0.00	¥ 56	-100.00%	¥ 0.00	¥ 0.00
6	2024-03-13	981	¥ 0.00	¥ 29	-100.00%	¥ 0.00	¥ 0.00
7	2024-03-12	934	¥ 0.00	¥ 9	-100.00%	¥ 0.00	¥ 0.00

## 4.3 Automatic Profit Optimization

### 4.3.1 Turning On and Off Automatic Tuning

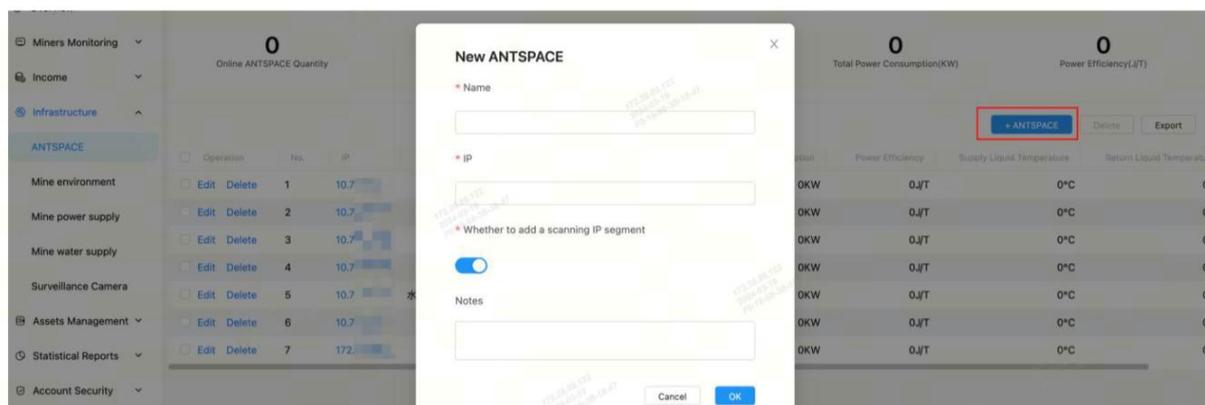
Click Auto-Tune to enable automatic optimization.



## 5. Infrastructure

### 5.1 ANTSPACE

#### 5.1.1 Add ANTSPACE



## 5.1.2 Export and Delete

Select items to export or delete in bulk.

Summary statistics: Online ANTSPACE Quantity: 0, Online Miner Quantity: 0, Total Hash Rate(TH/s): 0, Total Power Consumption(KW): 0, Power Efficiency(J/T): 0.

Operation	No.	IP	Name	M...	Current Hash Rate	Total Power Consumption	Power Efficiency	Supply Liquid Temperature	Return Liquid Temperatu
<input checked="" type="checkbox"/> Edit Delete	1	10.76.15.10	10.76.15.10	0	0TH/s	0KW	0J/T	0°C	C
<input checked="" type="checkbox"/> Edit Delete	2	10.76.15.111	水冷集装箱	0	0TH/s	0KW	0J/T	0°C	C
<input type="checkbox"/> Edit Delete	3	10.76.15.111	水冷集装箱	1	0TH/s	0KW	0J/T	0°C	C
<input type="checkbox"/> Edit Delete	4	10.76.15.111	plc	166	0TH/s	0KW	0J/T	0°C	C

## 5.1.3 Edit

Operation	No.	IP	Name	M...	Current Hash Rate	Total Power Consumption	Power Efficiency	Supply Liquid Temperature	Return Liquid Temperatu
<input checked="" type="checkbox"/> Edit Delete	1	10.76.15.10	10.76.15.10	0	0TH/s	0KW	0J/T	0°C	C
<input type="checkbox"/> Edit Delete	2	10.76.15.111	水冷集装箱	0	0TH/s	0KW	0J/T	0°C	C

## 5.1.4 View Details

1. Click the IP address to view details.

Operation	No.	IP	Name	M...	Current Hash Rate	Total Power Consumption	Power Efficiency	Supply Liquid Temperature	Return Liquid Temperatu
<input type="checkbox"/> Edit Delete	1	10.76.15.10	10.76.15.10	0	0TH/s	0KW	0J/T	0°C	C
<input type="checkbox"/> Edit Delete	2	10.76.15.111	水冷集装箱	0	0TH/s	0KW	0J/T	0°C	C

2. You can view three types of information: mining machine list, data curves, and cooling system.

ANTSPACE > 172.25.1

Miner List | Data Chart | Cooling System

Exporting cooling system log

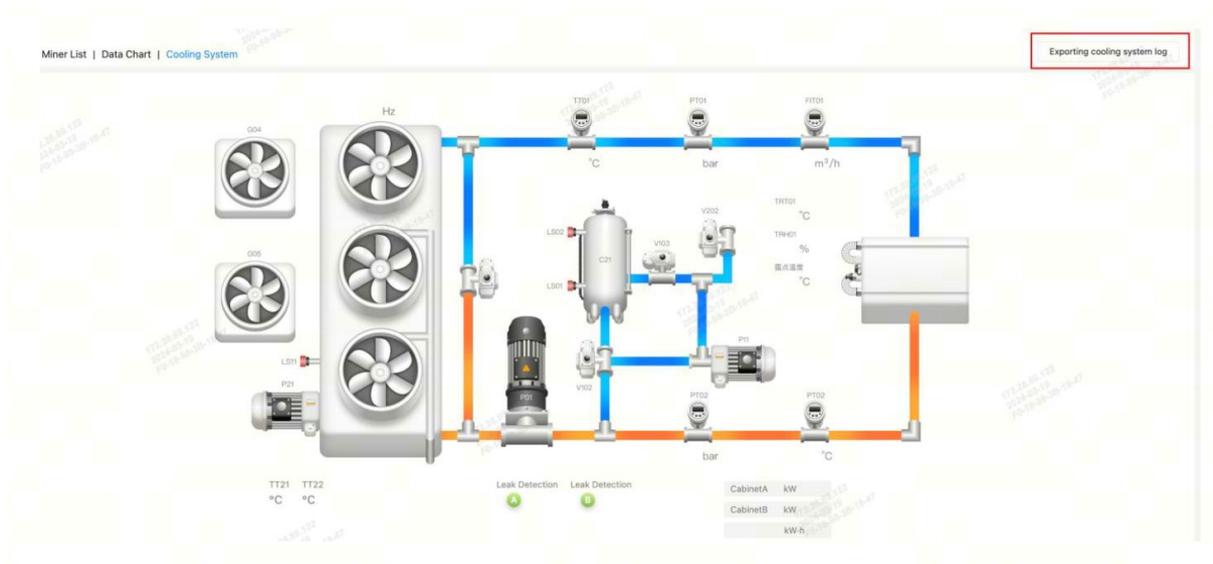
No.	IP	Miner Model	Software Version	Mining Time	Current Hash R...	Average Hash R...	PCB Highest Temperature	Chip Highest Temperature
1	172.25.1	Antminer H1	2024-01-12	1h0m1s	324	324	68°C	78°C
2	172.25.1	Antminer H1	2024-01-12	1h0m2s	344	341	67°C	77°C
3	172.25.1	Antminer H1	2024-01-12	1h0m4s	327	325	67°C	77°C

3. Data curve information. You can select the hour or day dimension.

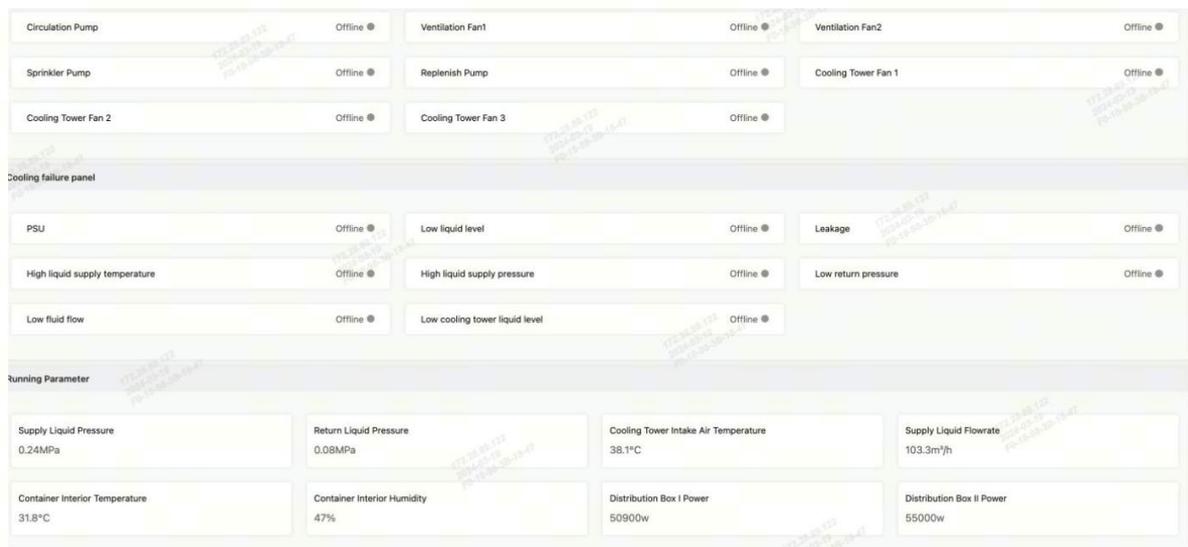


4. coolant passage ;

a. Logs can be exported;



b. Check the running status, operational parameters, and other relevant information;

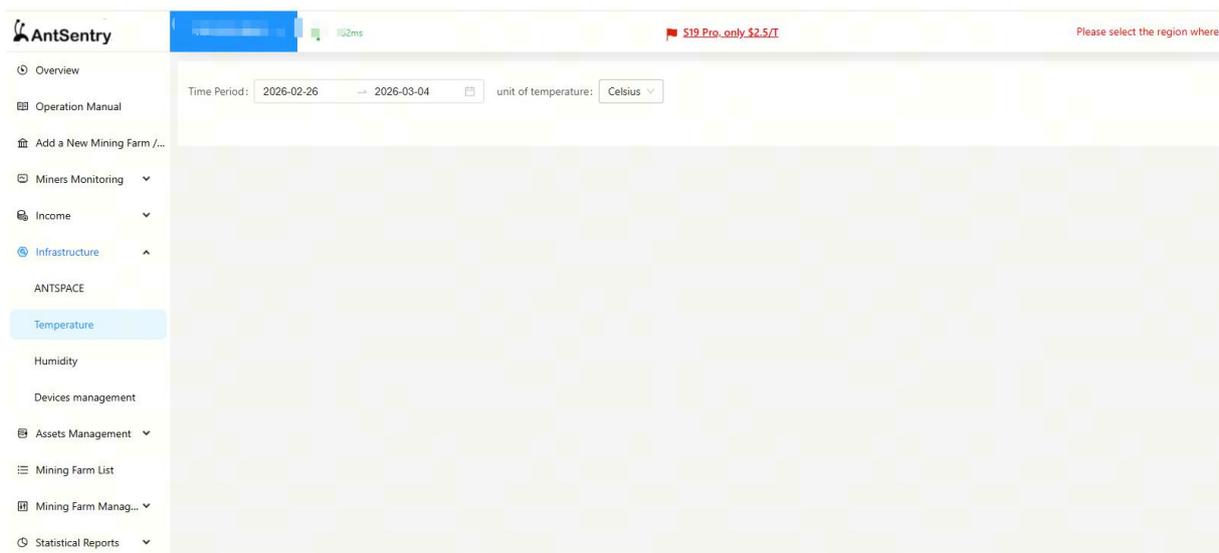


c. The control panel can be used for control operations.



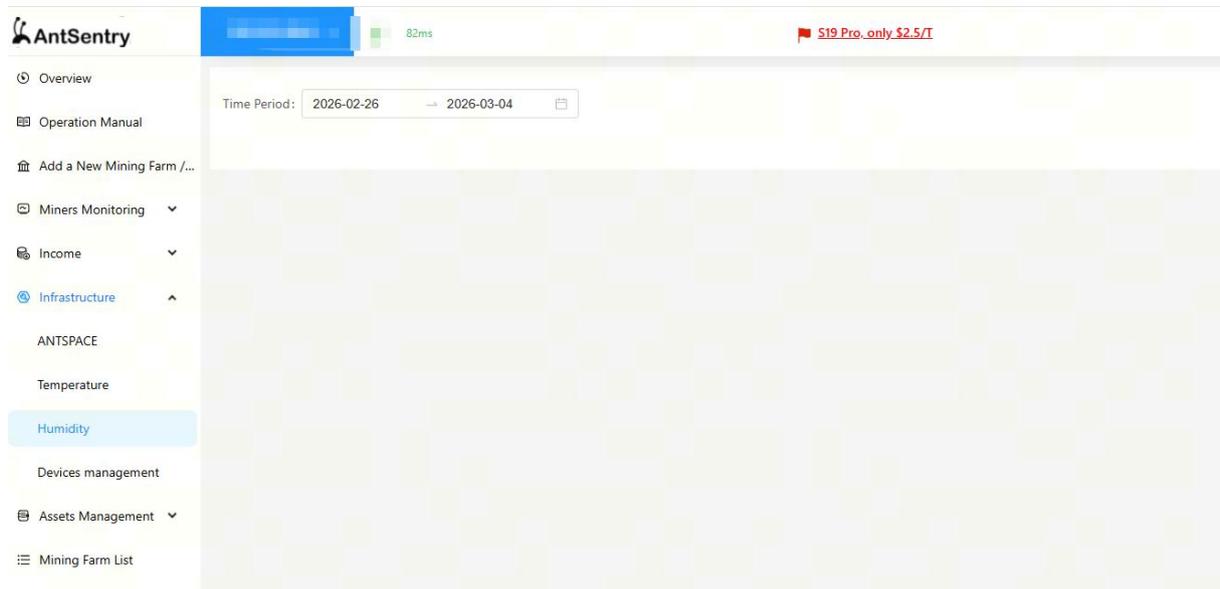
## 5.2 temperature

### 5.2.1 Temperature Curve Check



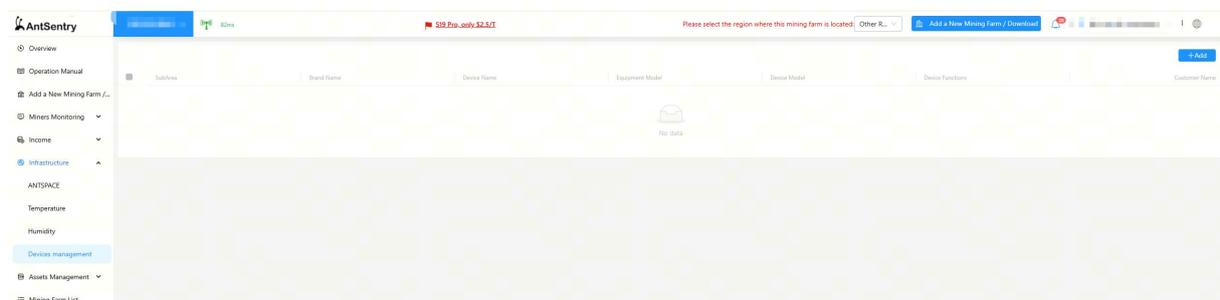
## 5.3 Humidity

### 5.3.1 Viewing the humidity curve

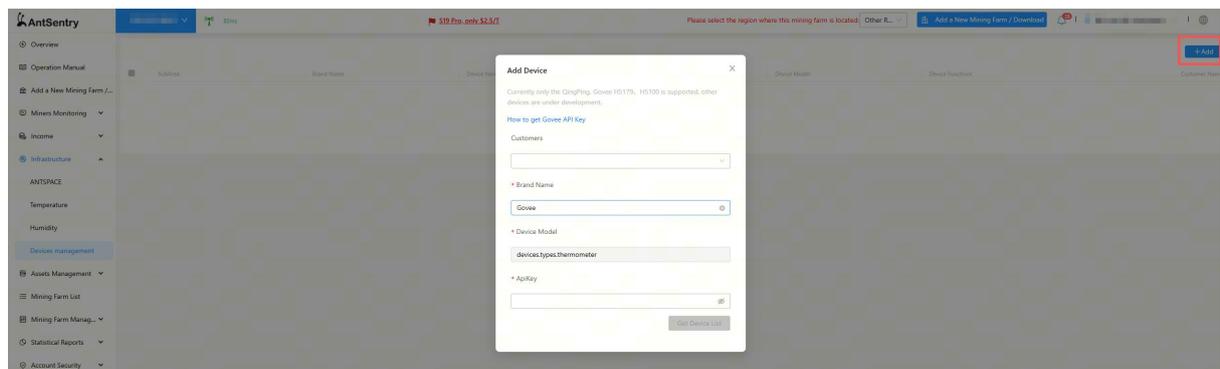


## 5.4 Equipment Management

### 5.4.1 Equipment List

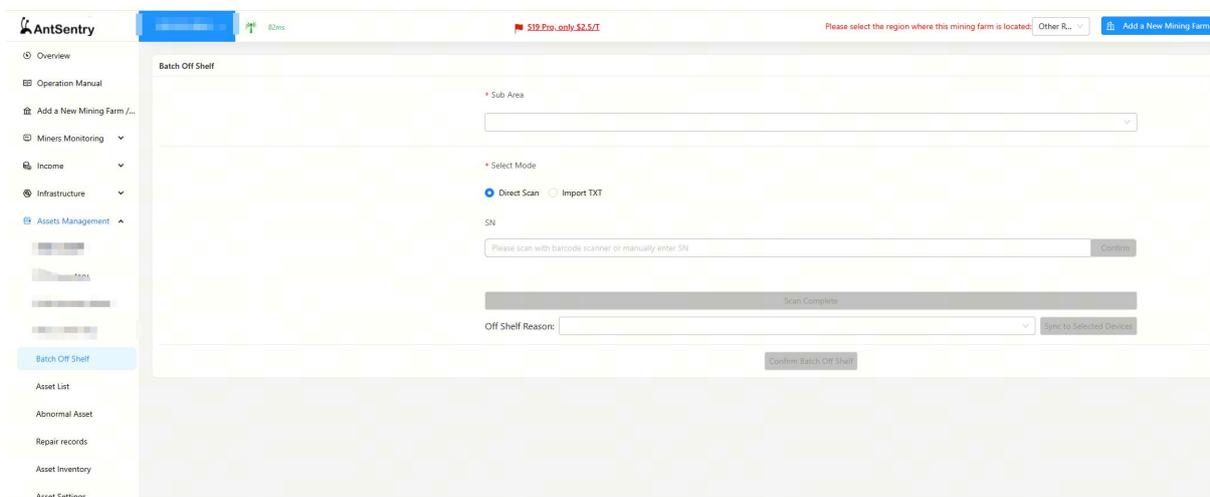


### 5.4.2 New Equipment



## 6. Asset Management

### 6.1 Batch removal of mining machines



### 6.2 Asset List

#### 6.2.1 Display Asset List

The list shows the relationship between each asset and its shelf location.

Operation	No.	Asset Name	SN	Asset Model	Asset Brand	Asset Type	Asset Stat...	Factory	Shelf	layer	column	Remarks
<input type="checkbox"/> Edit Delete	1	裴春杰test	xxxxx-9696365aaaa	STY 18	我的资产	矿机	正常	矿区1	货架1	1	1	
<input type="checkbox"/> Edit Delete	2	我的资产	xxxxdawdwd333		蚂蚁矿机	矿机		矿区1	货架1		11	无
<input type="checkbox"/> Edit Delete	3	我的资产	xxxxdawdwd222		蚂蚁矿机	矿机		矿区1	货架1		11	无

#### 6.2.2 Basic Operations

Support filtering, adding, importing, exporting, modifying, and deleting.

Operation	No.	Asset Name	SN	Asset Model	Asset Brand	Asset Type	Asset Stat...	Factory	Shelf	layer	column	Remarks
<input type="checkbox"/> Edit Delete	1	裴春杰test	xxxxx-9696365aaaa	STY 18	我的资产	矿机	正常	矿区1	货架1	1	1	
<input type="checkbox"/> Edit Delete	2	我的资产	xxxxdawdwd333		蚂蚁矿机	矿机		矿区1	货架1		11	无
<input type="checkbox"/> Edit Delete	3	我的资产	xxxxdawdwd222		蚂蚁矿机	矿机		矿区1	货架1		11	无
<input type="checkbox"/> Edit Delete	4	裴春杰test	112231	STY 18	我的资产	矿机	正常	矿区test	货架test		0	

#### 6.2.3 Shelf display of asset information

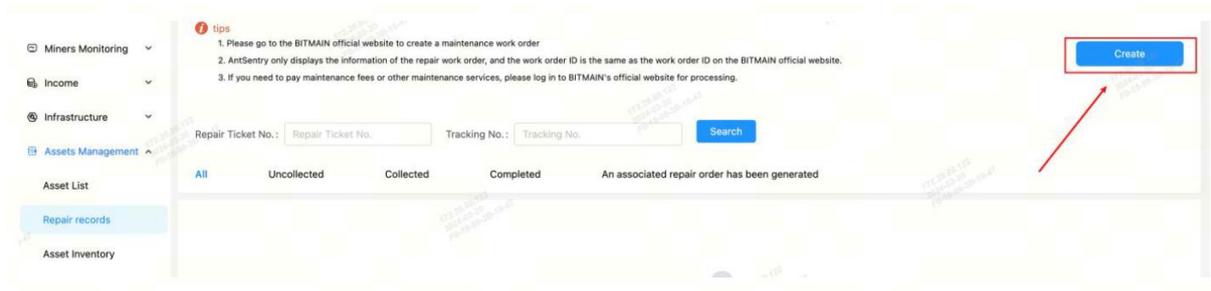
Clicking the shelf displays asset details, with the same switching mechanism as the mining machine display mode in 3.1.5.

Operation	No.	Asset Name	SN	Asset Model	Asset Brand	Asset Type	Asset Stat...	Factory	Shelf	layer	column	Remarks
<a href="#">Edit</a> <a href="#">Delete</a>	1	裴春杰test	xxxxx-9696365aaaa	STY 18	我的资产	矿机	正常	矿区1	货架1	1	1	
<a href="#">Edit</a> <a href="#">Delete</a>	2	我的资产	xxxxdawdawd333		蚂蚁矿机	矿机		矿区1	货架1		11	无
<a href="#">Edit</a> <a href="#">Delete</a>	3	我的资产	xxxxdawdawd222		蚂蚁矿机	矿机		矿区1	货架1		11	无

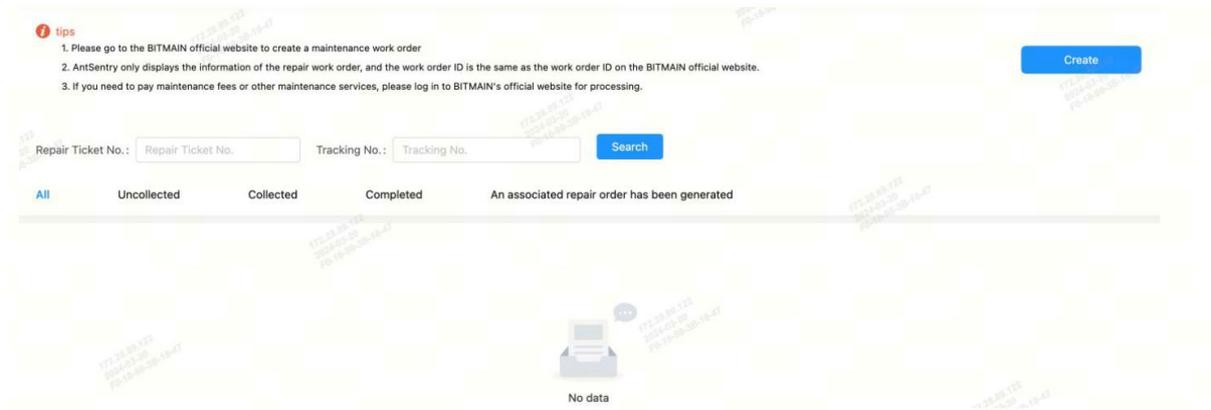
## 6.3 Maintenance Records

### 6.3.1 Create a ticket

Click 'Create Ticket' to access Bitmain's official website for ticket creation.



### 6.3.2 View ticket information



## 6.4 Asset Inventory

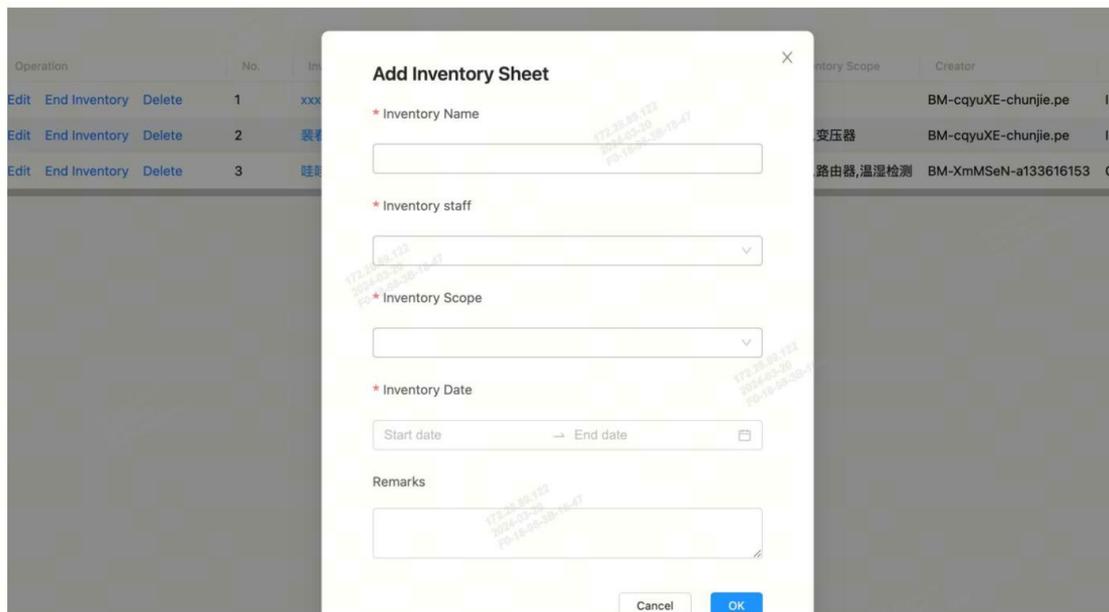
### 6.4.1 Display asset inventory records

Display asset inventory records, which can be filtered and added.



## 6.4.2 New Asset Inventory

When adding an asset inventory, you can select inventory information, including the name, personnel, scope, date, and notes.



## 6.4.3 Inventory Counting

You can edit the current inventory list, delete it, or end the inventory.



## 6.4.4 Inventory Details

1. Click to view the detailed information of this inventory.

Operation	No.	Invent...	Inventory staff	Inventory Date	Inventory Scope	Creator	Inventory Status	Re...
<a href="#">Edit</a> <a href="#">End Inventory</a> <a href="#">Delete</a>	1	xxx	haipeng	2023-03-15-2023-03-24	矿机	BM-cayuXE-chunjie.pe	Inventorying	
<a href="#">Edit</a> <a href="#">End Inventory</a> <a href="#">Delete</a>	2	裴春杰test	wuwei	2023-03-16-2023-03-25	矿机,变压器	BM-cayuXE-chunjie.pe	Inventorying	
<a href="#">Edit</a> <a href="#">End Inventory</a> <a href="#">Delete</a>	3	哇哇哇哇	测试用户,BM-DGZrPo-6965,	2023-02-01-2023-02-09	网线,路由器,温湿度检测	BM-XmMSeN-a133616153	Completed (Inventory Balance)	

2. The inventory details include two parts: inventory progress and inventory list information. Inventory progress displays the inventory information for each asset.

It also provides filtering, inventory entry, import, and export functions.

Operation	No.	Asset Name	SN	Inventory staff	Inventory Date	Asset Type	Inventory ...	Factory	Shelf	layer
<a href="#">Edit</a> <a href="#">Delete</a>	1	裴春杰test	xxxxx-9696365aaaa	haipeng	2023-03-22	矿机	Profit	矿区1	货架1	1

3. Inventory details show the current inventory information.

[Return](#) [Inventory progress](#) [Inventory sheet information](#) [Inventory progress](#)

All 18 [Inventoried 1](#) [Not inventoried 17](#) [Balance 0](#) [Loss 0](#) [Profit 1](#)

[Filter](#) [Inventory Entry](#) [Import](#) [Export](#)

Operation	No.	Asset Name	SN	Inventory staff	Inventory Date	Asset Type	Inventory ...	Factory	Shelf	layer
<a href="#">Edit</a> <a href="#">Delete</a>	1	裴春杰test	xxxxx-9696365aaaa	haipeng	2023-03-22	矿机	Profit	矿区1	货架1	1

[Inventory sheet information](#)

[Edit](#)

\* Inventory Name  
xxx

\* Inventory staff  
haipeng

\* Inventory Scope  
矿机

\* Inventory Date  
2023-03-15 → 2023-03-24

Remarks  
0

4. This page allows you to switch to the same mining rig shelf information as in 3.1.5.

< Return **Inventory progress** Inventory sheet information

Inventory Name: xxx

Inventory staff: haipeng

Inventory Scope: 矿机

Inventory Date: 2023-03-15 → 2023-03-24

On the shelf miners 0 | Online 0 | Offline 0 | Qualified 0 | Zero Hashrate 0 | Unqualified 0 | Can't started 0

Filter | Exporting empty slots | Shelf

On the shelf miners 0 | Online 0 | Offline 0 | Qualified 0 | Zero Hashrate 0 | Unqualified 0 | Can't started 0

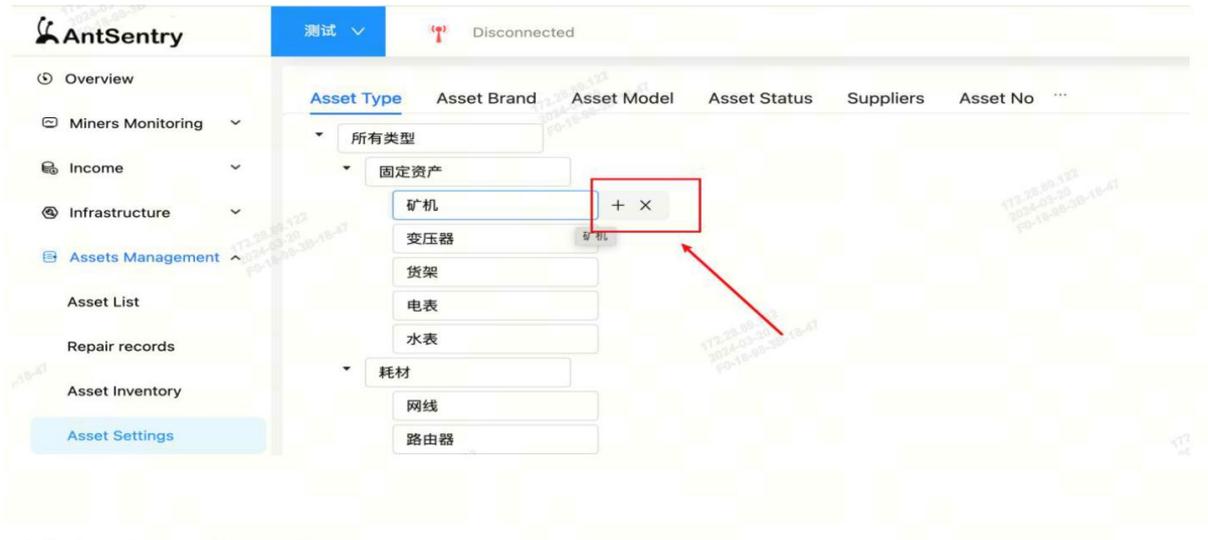
Filter | Exporting empty slots | Shelf

正确	非法子网	非法子网掩码	矿区test
<p>测试</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 3 / 3</p>	<p>掩码</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 3 / 3</p>	<p>test</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 3 / 3</p>	<p>货架test</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 12801 / 12801</p>
addShelf	minerTest	aa	矿区1
<p>shelf</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 3 / 3</p>	<p>shelfTest</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 2 / 2</p>	<p>aaa</p> <p>Model</p> <p>Qualified 0</p> <p>Offline No 0</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant1 / slots 1</p>	<p>货架1</p> <p>Model S21 HYD.(1)</p> <p>Qualified 0</p> <p>Offline No 1</p> <p>Abnormal No 0</p> <p>Number of slots/Number of vacant slots 2 / 1</p>

## 6.5 Asset Setup

### 6.5.1 Types of Assets

View existing asset types and perform add, delete, modify, or search operations.



## 6.5.2 Asset Brands

Click to view asset brand information and perform add, delete, modify, or search operations.

Operation	No.	Asset Type	Brand Name	Status
Edit Delete	1	矿机	我的资产	valid
Edit Delete	2	变压器	我的盘点	valid
Edit Delete	3	路由器	蚂蚁矿机	valid

## 6.5.3 Asset Model

Click to view asset type information. Operations include adding, deleting, modifying, and querying.

Operation	No.	Asset Brand	Model Name	Status
Edit Delete	1	我的盘点	STY 19	valid
Edit Delete	2	我的资产	STY 18	valid

## 6.5.4 Asset Status, Suppliers

Click to view asset status, suppliers, and add, delete, modify, or query as above.

Asset Type	Asset Brand	Asset Model	Asset Status	Suppliers	Asset No
Operation	No.	Status Name			Status
<a href="#">Edit</a> <a href="#">Delete</a>	1	下架维修			valid
<a href="#">Edit</a> <a href="#">Delete</a>	2	666			valid

Asset Type	Asset Brand	Asset Model	Asset Status	Suppliers	Asset No
Operation	No.	Supplier Name	Supplier Code	Supplier Address	Status
<a href="#">Edit</a> <a href="#">Delete</a>	1	百度	852056	广东省深圳市	valid
<a href="#">Edit</a> <a href="#">Delete</a>	2	腾讯	w10000	深圳	invalid

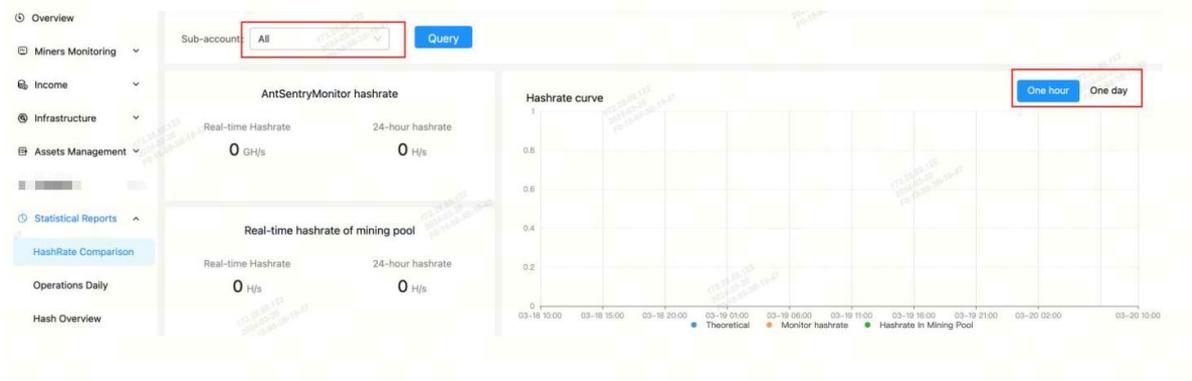
## 6.6 Check the shelf life

## 7. Statistical Reports

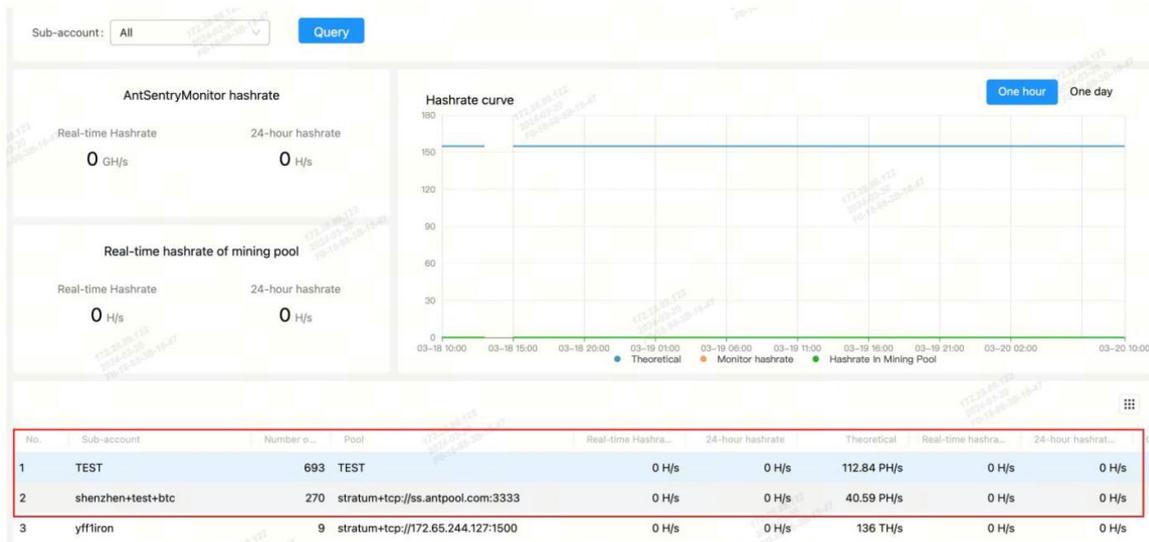
### 7.1 Comparison of Computing Power

#### 7.1.1 Computing Power Information View

1. You can compare theoretical, monitored, and pool mining power for a mining farm or a sub-account.

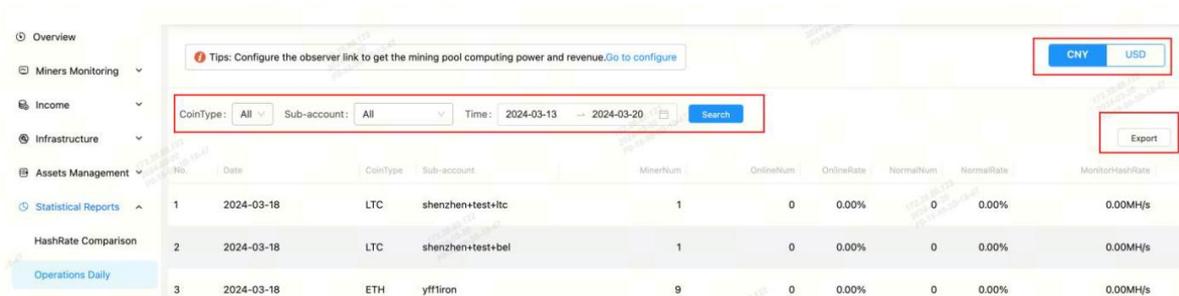


2. The following displays the computing power information for each sub-account.



## 7.2 Daily Operation Report

View daily operation reports, which can be filtered, exported, and converted to different currencies.



## 7.3 Overview of Computing Power

View information about computing power, including serial number, date, IP, model, customer, theoretical computing power, daily computing power (0 points), daily computing power (8 points), and computing power curve. View information about computing power, including serial number, date, IP, model, customer, theoretical computing power, daily computing power (0 points), daily computing power (8 points), and computing power curve.

No.	Date	IP	Model	Customer	Theoretical	24-hour hashrate (00:00)	28-hour hashrate (00:00)
1	2026-03-03	10.76.11.1	Antminer S21e...		310000 GH/s	315905.22 GH/s	315905.22 GH/s
2	2026-03-03	10.76.11.2	Antminer S21+...		395000 GH/s	404053.03 GH/s	404053.03 GH/s
3	2026-03-03	10.76.11.3	Antminer S21+...		338000 GH/s	351657.44 GH/s	351657.44 GH/s
4	2026-03-03	10.76.11.4	Antminer S21+...		358000 GH/s	368147.84 GH/s	368147.84 GH/s
5	2026-03-03	10.76.11.5	Antminer H6H...		288000 GH/s	301944.41 GH/s	301944.41 GH/s
6	2026-03-03	10.76.11.6	Antminer H6H...		288000 GH/s	301944.41 GH/s	301944.41 GH/s
7	2026-03-03	10.76.11.7	Antminer S21+...		338000 GH/s	350826.13 GH/s	350826.13 GH/s
8	2026-03-03	10.76.11.8	Antminer S21+...		338000 GH/s	351878.59 GH/s	351878.59 GH/s
9	2026-03-03	10.76.11.9	Antminer S21e...		310000 GH/s	318740.63 GH/s	318740.63 GH/s
10	2026-03-03	10.76.11.10	Antminer S21+...		358000 GH/s	368016.25 GH/s	368016.25 GH/s
11	2026-03-03	10.76.11.11	Antminer S21+...		358000 GH/s	368004.03 GH/s	368004.03 GH/s
12	2026-03-03	10.76.11.12	Antminer H6H...		293000 GH/s	306938.97 GH/s	306938.97 GH/s
13	2026-03-03	10.76.11.13	Antminer S21+...		338000 GH/s	351977.63 GH/s	351977.63 GH/s
14	2026-03-03	10.76.11.14	Antminer H6H...		288000 GH/s	291014.72 GH/s	291014.72 GH/s
15	2026-03-03	10.76.11.15	Antminer H6H...		288000 GH/s	293045.41 GH/s	293045.41 GH/s
16	2026-03-03	10.76.11.16	Antminer S21+...		395000 GH/s	404005.13 GH/s	404005.13 GH/s
17	2026-03-03	10.76.11.17	Antminer H6H...		288000 GH/s	293024.53 GH/s	293024.53 GH/s
18	2026-03-03	10.76.11.18	Antminer S21+...		358000 GH/s	368364.88 GH/s	368364.88 GH/s
19	2026-03-03	10.76.11.19	Antminer H6H...		293000 GH/s	306859.84 GH/s	306859.84 GH/s

## 7.4 Classification of Aircraft Models

### 7.4.1 Types of Mining Machines

Classify and summarize mining machine information by type, mining pool, and mining pool & sub-account.

Model	Pool	Mining pool & sub-account	Total	Qualifie...	Offline No	Abnorm...	Real-time Hash...	Monitoring time(local t...
Antminer	S19 Hydro-145T		3	0	3	0	0 GH/s	2024-03-15 19:23:14
Antminer	unknown		427	0	427	0	0 GH/s	2024-03-15 19:28:18
Antminer	S19 XP Hyd.-250T		66	0	66	0	0 GH/s	2024-03-15 19:28:15
Antminer	S19 Hydro-151.5T		2	0	2	0	0 GH/s	2024-03-15 19:23:04
Antminer	S21 Hyd.-286T		4	0	4	0	0 GH/s	2024-03-15 19:27:28
Antminer	T19 Hydro-138.5T		10	0	10	0	0 GH/s	2024-03-15 19:27:35
Antminer	S21 Hyd.-302T		9	0	9	0	0 GH/s	2024-03-15 19:28:16

### 7.4.2 Mine Pools

Pool	Total	Qualified No	Offline No	Abnormal No	Real-time Hashrate	Monitoring time(local time)
TEST	693	0	693	0	0 GH/s	2024-03-15 19:23:06
stratum+tcp://[redacted]	9	0	9	0	0 GH/s	2024-03-15 19:23:06

### 7.4.3 Mining Pool & Sub-Account

Pool	Sub-account	Total	Qualifie...	Offline No	Abnorm...	Real-time Hashr...	Monitoring time(local t...
		0	0	0	0	0 GH/s	2023-10-21 15:28:25
stratum+tcp://[redacted]	shenzh[redacted]	7	0	7	0	0 GH/s	2024-01-15 15:31:26
stratum+tcp://10.[redacted]	TEST	1	0	1	0	0 GH/s	2024-02-28 19:34:17



## 8. Account Security

### 8.1 Customer Management

#### 8.1.1 View customer information

View all customer information for this mine.

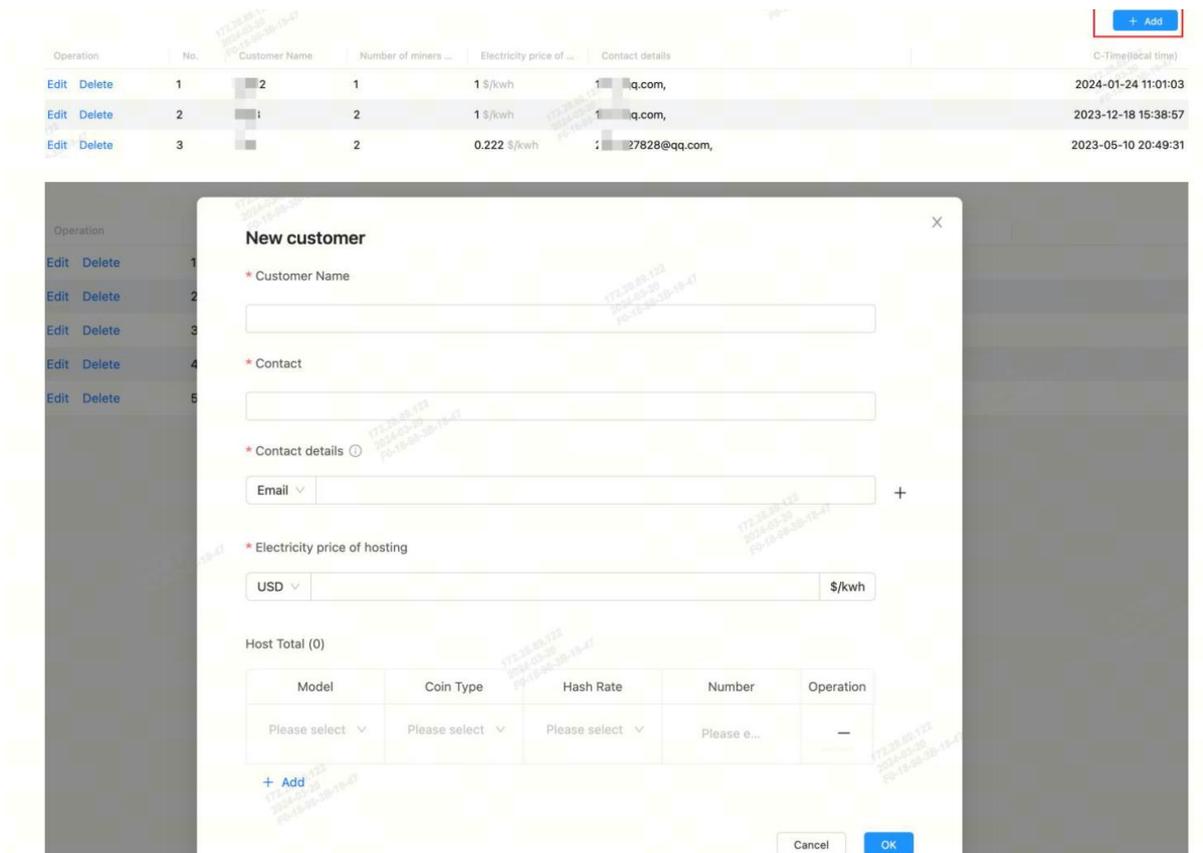


The screenshot shows a sidebar menu on the left with options: Overview, Miners Monitoring, Income, Infrastructure, Assets Management, Statistical Reports, and Account Security. The 'Account Security' section is expanded to show 'Customer Management'. The main area displays a table with the following data:

Operation	No.	Customer Name	Number of miners ...	Electricity price of ...	Contact details	C-Time(local time)
Edit Delete	1	te	1	1 \$/kwh	1 .com,	2024-01-24 11:01:03
Edit Delete	2	4	2	1 \$/kwh	1 .com,	2023-12-18 15:38:57
Edit Delete	3	te	2	0.222 \$/kwh	2 328@qq.com,	2023-05-10 20:49:31
Edit Delete	4	H	100	0.23 \$/kwh	s .3.com,	2023-05-08 21:28:12
Edit Delete	5	ce	200	0.99 \$/kwh	s .3.com,86-18610672429	2023-05-08 21:03:23

#### 8.1.2 Adding and modifying customer information

You can add and modify customer account information.



The screenshot shows the 'New customer' form overlaid on the table from the previous screenshot. The form has the following fields:

- Customer Name**: A text input field.
- Contact**: A text input field.
- Contact details**: A dropdown menu set to 'Email' and a text input field.
- Electricity price of hosting**: A dropdown menu set to 'USD' and a text input field with a '\$/kwh' unit.
- Host Total (0)**: A table with columns: Model, Coin Type, Hash Rate, Number, and Operation. Each column has a 'Please select' dropdown menu.

At the bottom of the form are 'Cancel' and 'OK' buttons. The table in the background is partially visible, showing the same data as in the previous screenshot.

**Edit customer**

\* Customer Name  
test22

\* Contact  
2

\* Contact details ⓘ  
Email 123@qq.com

\* Electricity price of hosting  
USD 1.0000 \$/kwh

Host Total (1)

Model	Coin Type	Hash Rate	Number	Operation
D5	DASH	119GH	1	-

+ Add

Cancel OK

## 8.2 Maintenance Personnel

### 8.2.1 Display of Maintenance Personnel Information

The list displays all the O&M personnel under this mine, each with different roles such as administrator, visitor, and O&M. Different roles have different permissions.

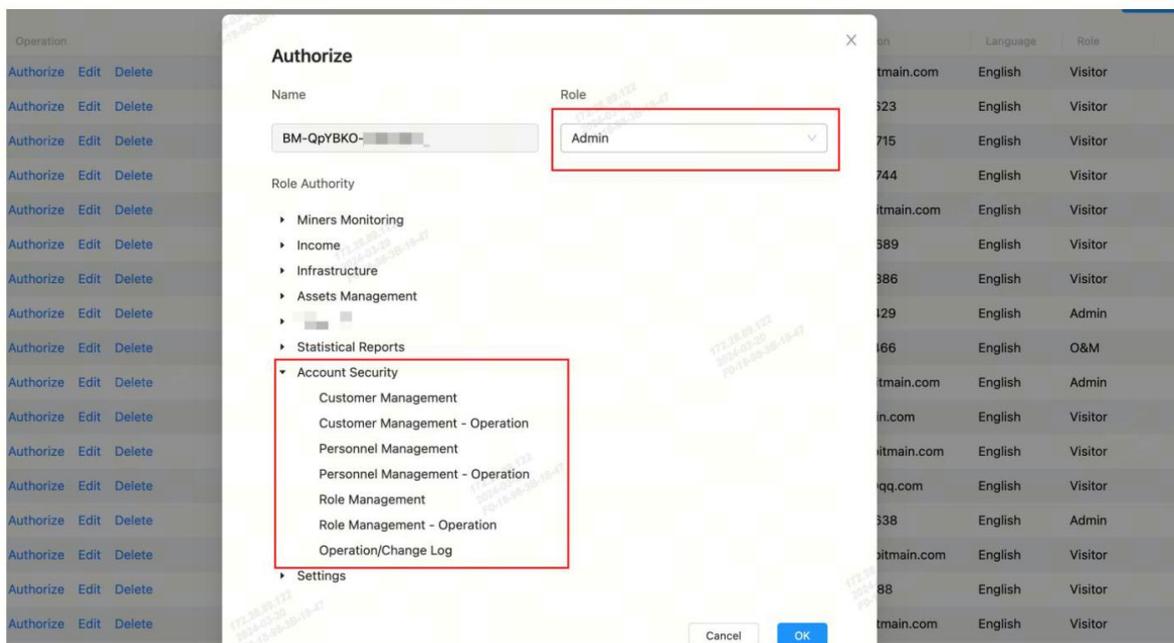
Operation	No.	Name	Mailbox	Tel	Login information	Language	Role	C-Time(local time)
Authorize Edit Delete	32	J-siyun.yang	@bitmain.com		siyun.yang@bitmain.com	English	Visitor	2021-12-29 16:4
Authorize Edit Delete	33	-mjezpg9350	@chacuo.net	86-16	86-165	English	Visitor	2022-02-23 22:3
Authorize Edit Delete	34	@bitmain.com	@main.com	86-15	86-156	English	Visitor	2022-02-24 11:0
Authorize Edit Delete	35		@sin.com	86-13	86-134	English	Visitor	2022-02-24 11:0
Authorize Edit Delete	36		@bitmain.com		liping.zl@.com	English	Visitor	2022-02-28 11:2
Authorize Edit Delete	37	_qq.com	@qq.com	86-15	86-159	English	Visitor	2022-03-01 15:5
Authorize Edit Delete	38		@chuangke.io	86-15	86-152	English	Visitor	2022-03-01 16:1
Authorize Edit Delete	39	2429	@bitmain.com	86-18	86-186	English	Admin	2022-03-11 10:2
Authorize Edit Delete	40	-0466	@bitmain.com	86-15	86-152	English	O&M	2022-05-11 10:3
Authorize Edit Delete	41	-chunjie.pe	@bitmain.com		chunjie_@.com	English	Admin	2022-06-06 14:2

### 8.2.2 Permission Modification

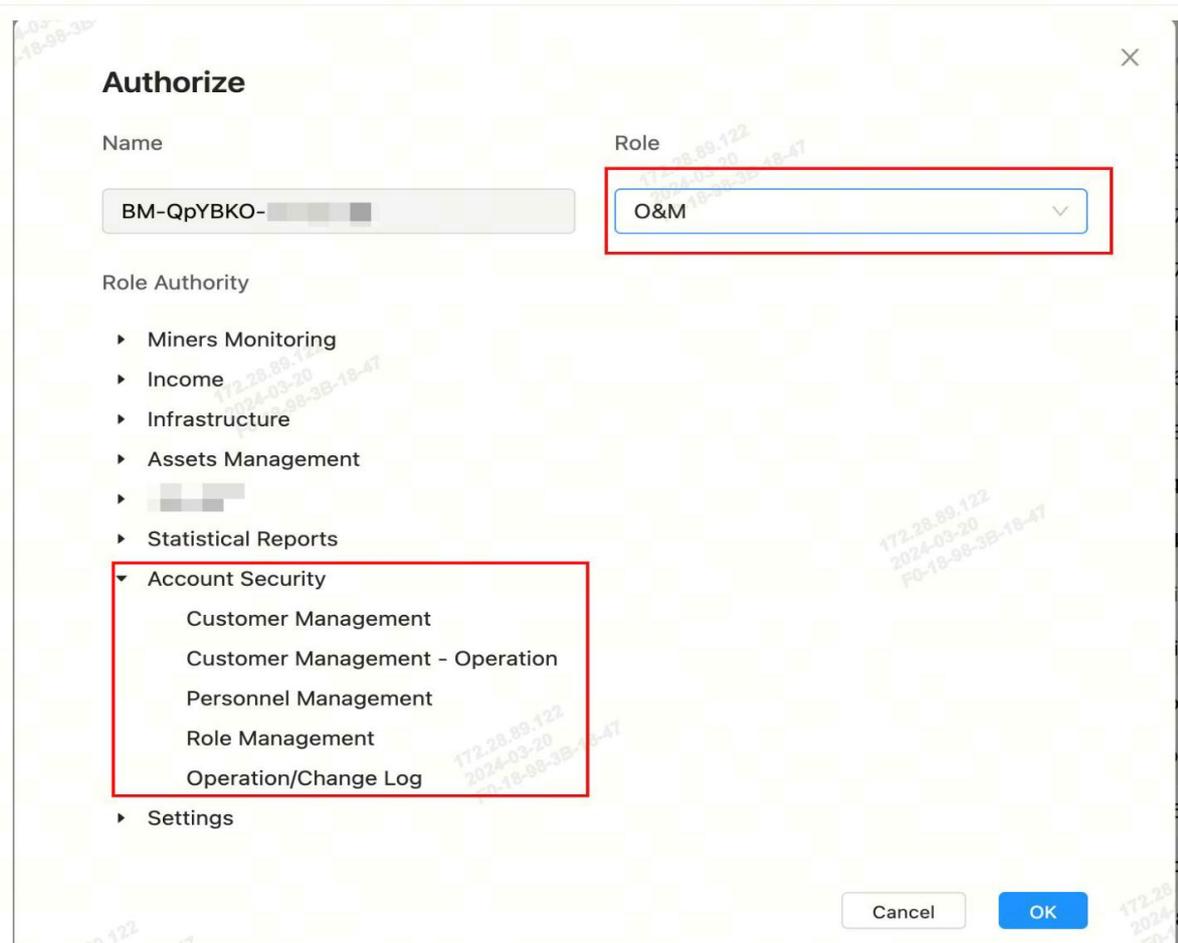
1. Click the authorization in each row of the operation bar to modify permissions.



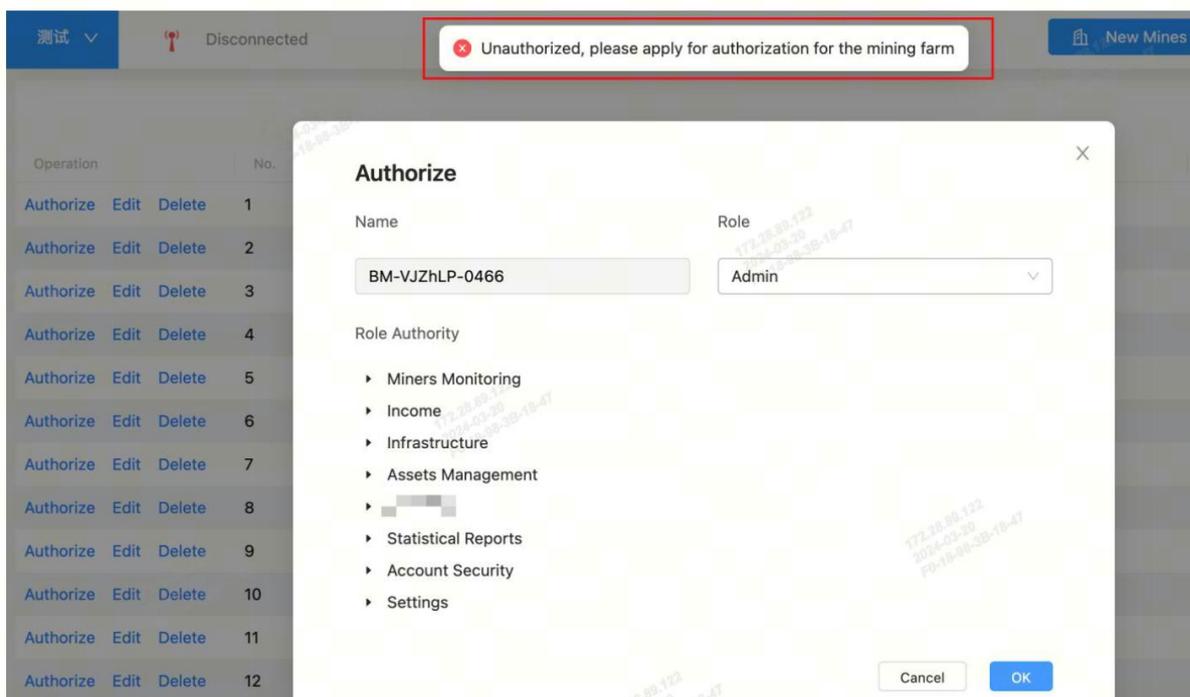
2. After selecting a user role, the permissions assigned to that role are displayed. You can see that different roles have different permissions. For example, the administrator role includes the 'Operations personnel-Operations' permission, which allows adding, modifying, and other operations in the Operations personnel menu.



3. The operation role lacks the 'Operation' permission, meaning you cannot perform any actions on this page except viewing.

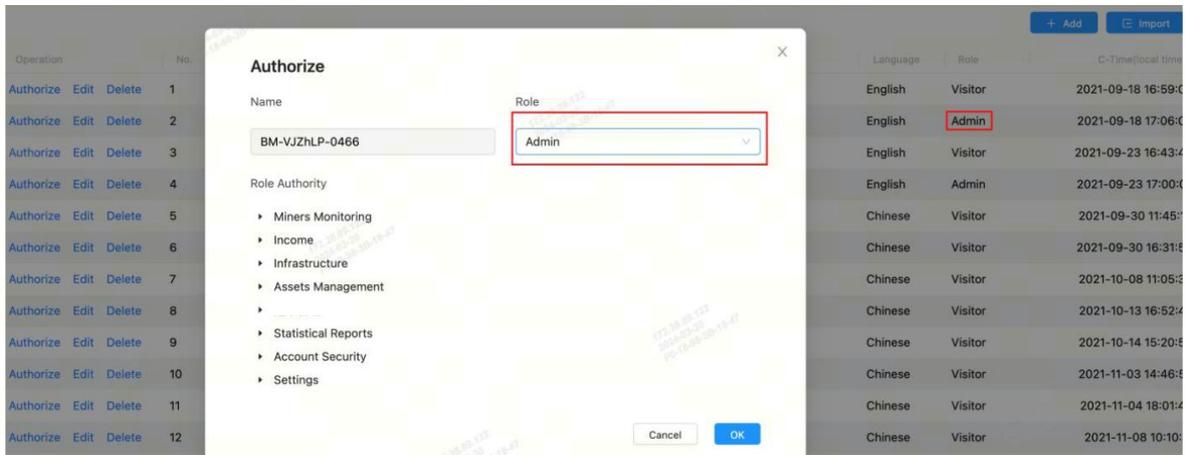


4. The current logged-in user is an operations role. Attempting to authorize other users will result in failure.

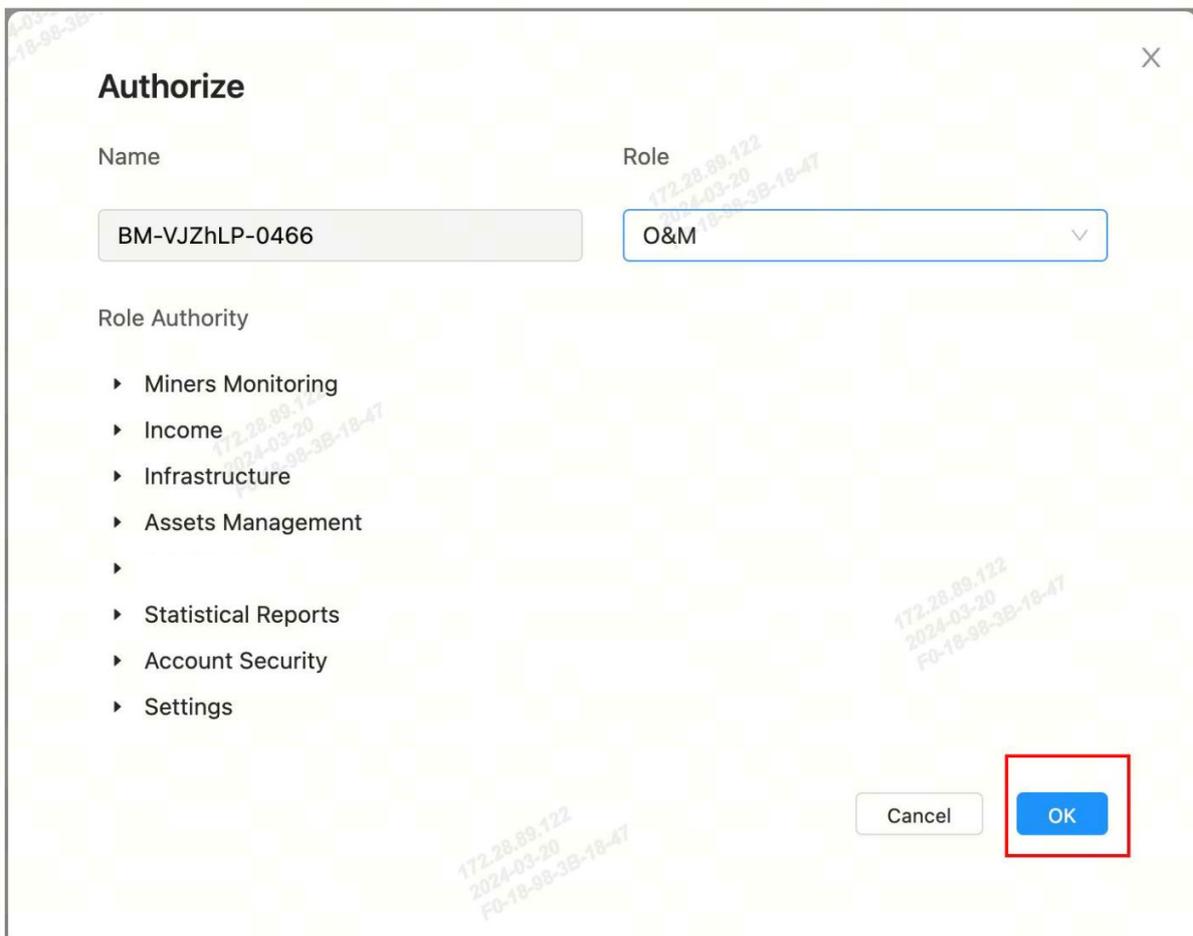


5. Modify permissions when the logged-in user has 'Operations Personnel-Operation' access.

a. The user with administrator privileges was the first line before the modification.



b. Click to change the role to an operations and maintenance (O&M) role;



c. The modification was successful.

Operation	No.	Name	Mailbox	Tel	Login Information	Language	Role	C-Time(local time)
Authorize Edit Delete	1	BM-VJZhLP-0466	y...n.com	86-152-...	86-152-...	English	O&M	2021-09-18 16:56
Authorize Edit Delete	2			86-11-...	86-186-...	English	Admin	2021-09-18 17:06

Note: The same applies to permissions with "xxx-operation"

## 8.2.3 Modification and Addition of Operation and Maintenance Personnel Information

This feature requires operational personnel with administrator privileges to access.

1. Click Edit to modify basic information.

2. Click to add an operations and maintenance staff.

## 8.3 Operation and Maintenance Roles

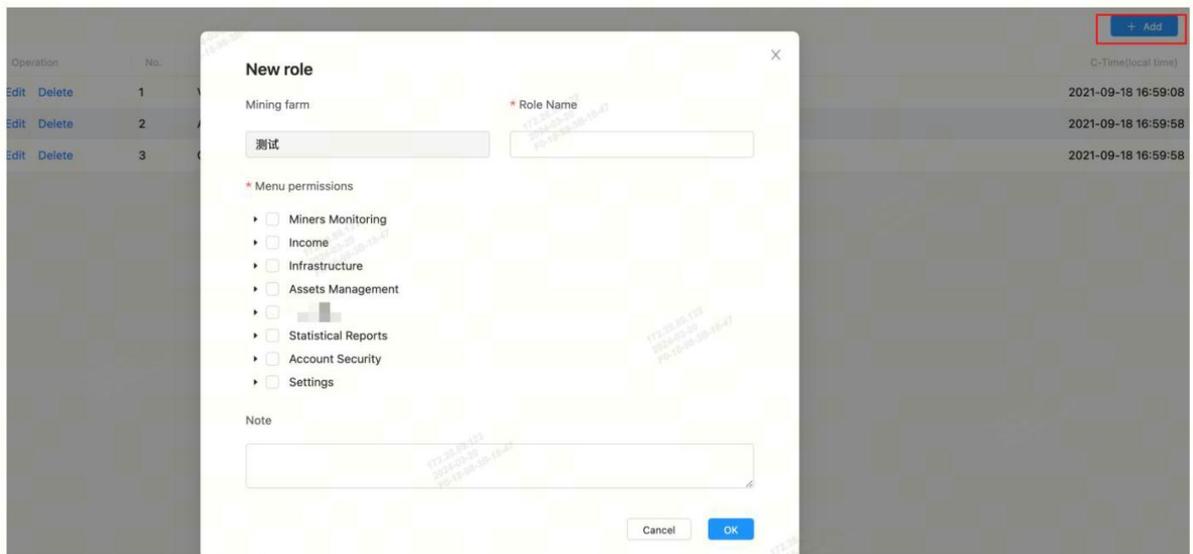
### 8.3.1 View operation and maintenance role information

View all character information in this mine.



### 8.3.2 Adding, Deleting, and Modifying Role Type Information

1. Click Add to enter role type information.



2. Check the menu permission to select the role's permission information.

**New role** [Close]

Mining farm: 测试      \* Role Name: [ ]

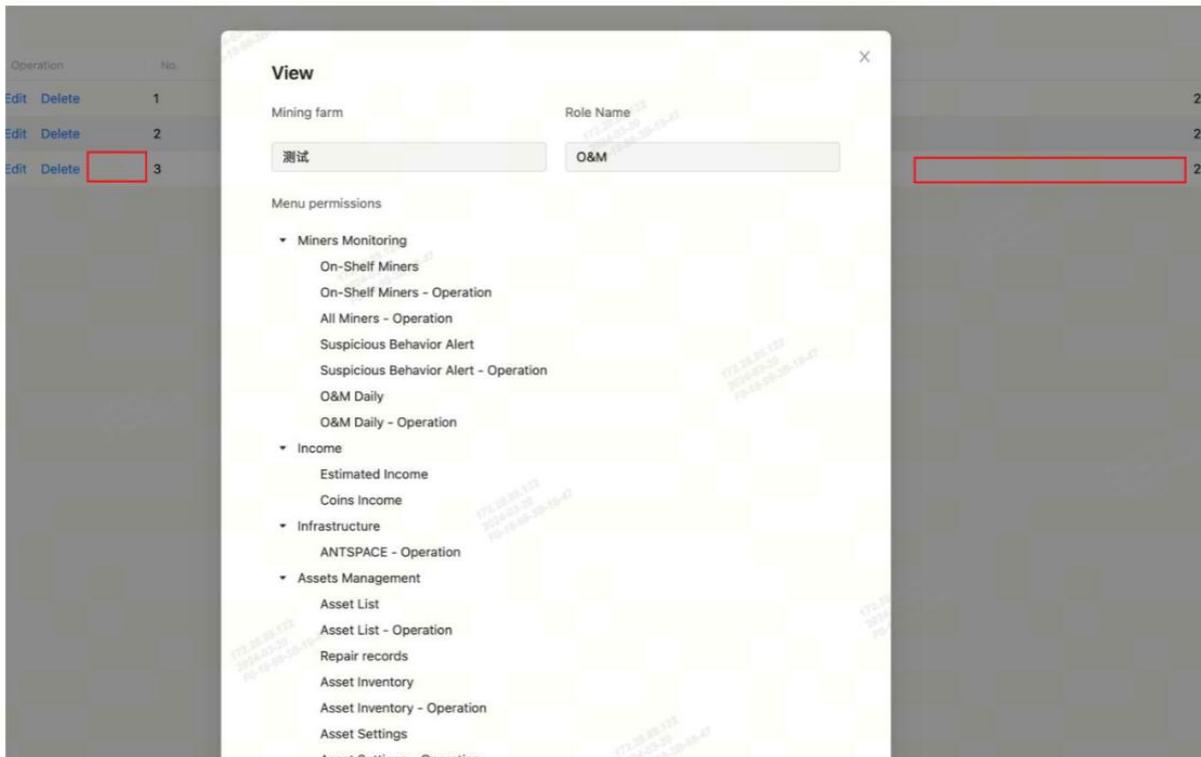
\* Menu permissions

- Miners Monitoring
  - On-Shelf Miners
  - On-Shelf Miners - Operation
  - Asset Miners
  - All Miners - Operation
  - Suspicious Behavior Alert
  - Suspicious Behavior Alert - Operation
  - O&M Daily
  - O&M Daily - Operation
- Income
- Infrastructure
- Assets Management
- [ ]
- Statistical Reports
- Account Security
- Settings

Note: [ ]

[Cancel] [OK]

3. Click the blank space in each row to view the role permissions.



4. Click here to make changes.

Operation	No.	Role type	C-Time(local time)
<a href="#">Edit</a> <a href="#">Delete</a>	1	Visitor	2021-09-18 16:59:08
<a href="#">Edit</a> <a href="#">Delete</a>	2	Admin	2021-09-18 16:59:58
<a href="#">Edit</a> <a href="#">Delete</a>	3	O&M	2021-09-18 16:59:58

## 8.4 Logs/Records

### 8.4.1 Operation Log

View operation log information, which can be filtered and exported.

AntSentry | 82ms | \$19 Pro. only \$2.5/T | Please select the region where this mining farm is located: Other R...

Overview | Operation Manual | Add a New Mining Farm /... | Miners Monitoring | Income | Infrastructure | Assets Management | Mining Farm List | Mining Farm Manag... | Statistical Reports | Account Security | Customer Management | Personnel Management | Role Management | Operation/Change Log

Miner's Operating Log | Owner's information operation log

Operation	No.	Date(local time)	Operator	Operation Type
Stop Execution	1	2026-01-12 18:52:04	BM-cqyuA	批量下架
Stop Execution	2	2025-12-19 09:48:32	BM-BkFvwl	List in batches
Stop Execution	3	2025-12-17 11:08:32	BM-cqyuXE-ep	批量下架
Stop Execution	4	2025-12-09 16:10:21	BM-cqyuXE-cl	history_log
Stop Execution	5	2025-12-09 16:10:21	BM-cqyuXE-cl	批量下架
Stop Execution	6	2025-12-09 16:09:57	BM-cqyuXE-ch	批量获取历史日志
Stop Execution	7	2025-12-09 16:01:00	BM-cqyuXE-ch	批量获取历史日志
Stop Execution	8	2025-12-09 15:54:28	BM-cqyuXE-ch	批量获取历史日志
Stop Execution	9	2025-12-09 14:45:26	BM-cqyuXE-ch	history_log
Stop Execution	10	2025-12-09 14:45:26	BM-cqyuXE-ch	批量下架
Stop Execution	11	2025-12-09 14:45:25	BM-cqyuXE-cl	Recover DHCP
Stop Execution	12	2025-12-09 14:38:28	BM-cqyuXE-cl	history_log
Stop Execution	13	2025-12-09 14:38:28	BM-cqyuXE-cl	批量下架
Stop Execution	14	2025-12-09 14:38:27	BM-cqyuXE-cl	Recover DHCP
Stop Execution	15	2025-12-09 11:37:03	BM-cqyuXE-cl	批量下架

## 8.4.2 Change Records

View change history information, which can be filtered and exported.

AntSentry | 82ms | \$19 Pro. only \$2.5/T | Please select the region where this mining farm is located: Other R...

Overview | Operation Manual | Add a New Mining Farm /... | Miners Monitoring | Income | Infrastructure | Assets Management | Mining Farm List | Mining Farm Manag... | Statistical Reports | Account Security | Customer Management | Personnel Management | Role Management | Operation/Change Log

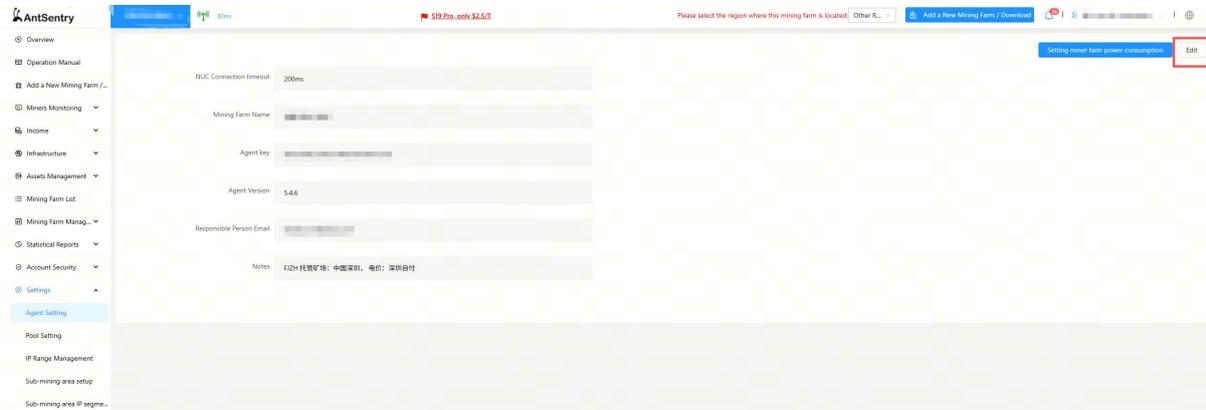
Miner's Operating Log | Owner's information operation log

No.	Operating Time(UTC time)	Operator	Operation Type
1	2025-04-22 03:10:47	BM-BkFvwl	Upload the miner's mining pool configuration file
2	2025-01-24 08:03:06	BM-gKcuEj	Save Customer Info
3	2024-04-01 14:31:37	BM-jSgkZ	Save Customer Info
4	2024-01-15 09:36:44	BM-jSgkZ	Save Customer Info
5	2024-01-15 09:36:22	BM-jSgkZ	Delete Customer Info
6	2024-01-15 09:36:02	BM-jSgkZ	Save Customer Info

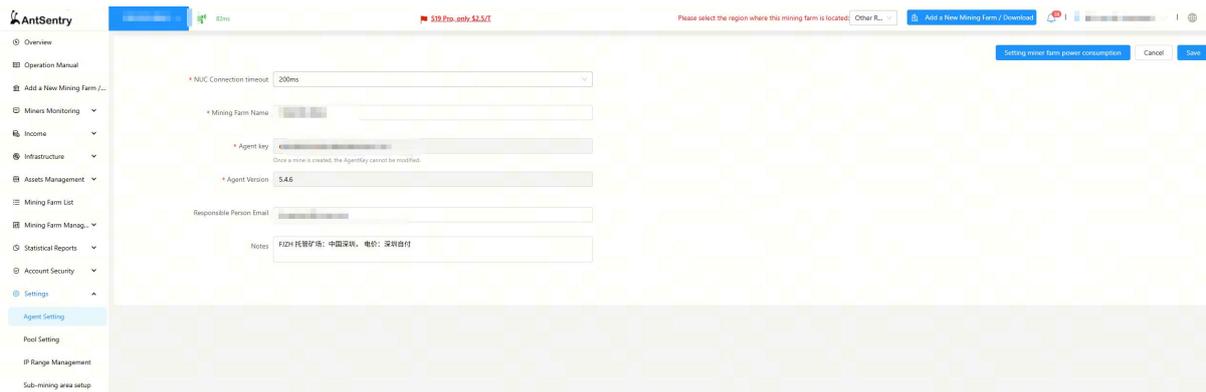
## 9. Settings

### 9.1 Agent Settings

1. View agent information. Click Edit to modify basic information.



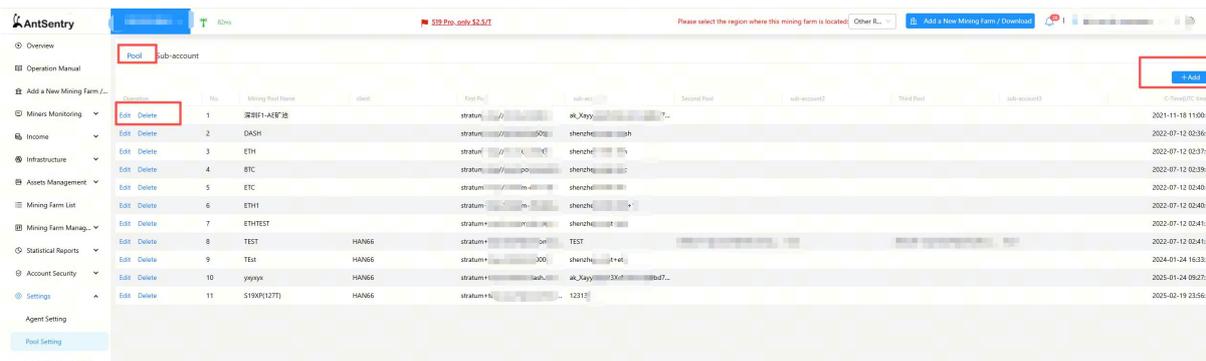
2. The agent key and version number cannot be edited.



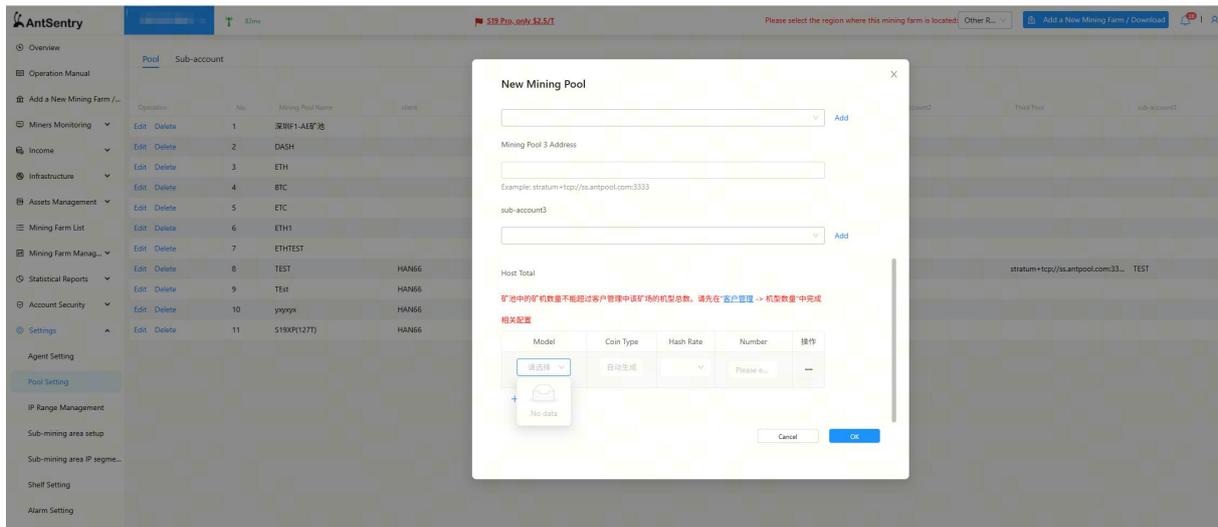
## 9.2 Mine Pool Configuration

### 9.2.1 Mine Pool Configuration

1. View the configured mining pool information, which can be added, edited, or deleted.



## 2. Why can't I find the desired hosting machine when adding or modifying mining pool configurations?



a. As shown in the diagram, I need the S19 model, but it's not available. We need to identify the customer with the required configuration, as illustrated below, where the customer is test.



b. Locate the test client under Account Management > Customer Management, edit their hosting details, and add the S19 model.

Operation No.

Edit	Delete	1
Edit	Delete	2
<b>Edit</b>	Delete	3
Edit	Delete	4
Edit	Delete	5

### Edit customer

\* Customer Name

\* Contact

\* Contact details ⓘ  
Email  +

\* Electricity price of hosting  
USD  \$/kwh

Host Total (2)

Model	Coin Type	Hash Rate	Number	Operation
S19j Pro	BTC	100000GH	2	—

+ Add

Cancel OK

Operation No.

Edit	Delete	1
Edit	Delete	2
Edit	Delete	3
Edit	Delete	4
Edit	Delete	5

### Edit customer

\* Customer Name

\* Contact

\* Contact details ⓘ  
Email  +

\* Electricity price of hosting  
USD  \$/kwh

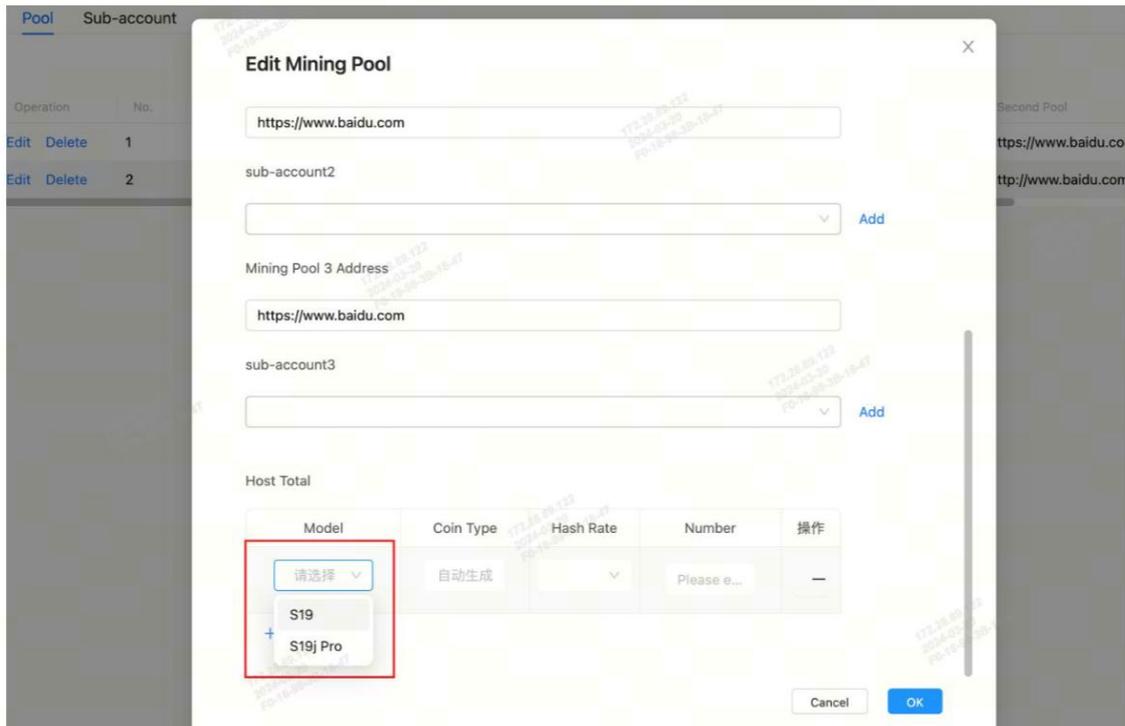
Host Total (7)

Model	Coin Type	Hash Rate	Number	Operation
S19j Pro	BTC	100000GH	2	—
S19	BTC	60000GH	5	—

+ Add

Cancel OK

c. It can be found that the S19 model already exists.



## 9.2.2 Sub-account Configuration

View the sub-account information configured, which can be edited, deleted, or added.

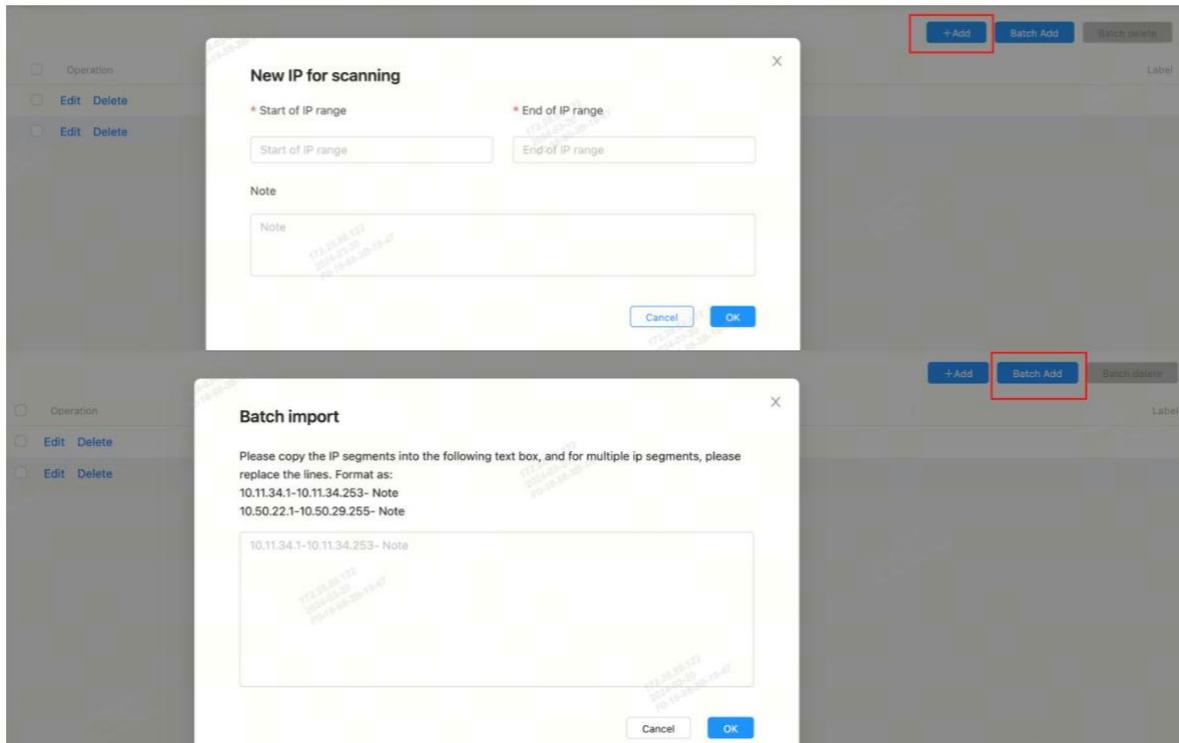


## 9.3 IP Segment Management

1. Configure IP segment maintenance information, which can be edited and added.



2. Click Add to proceed.

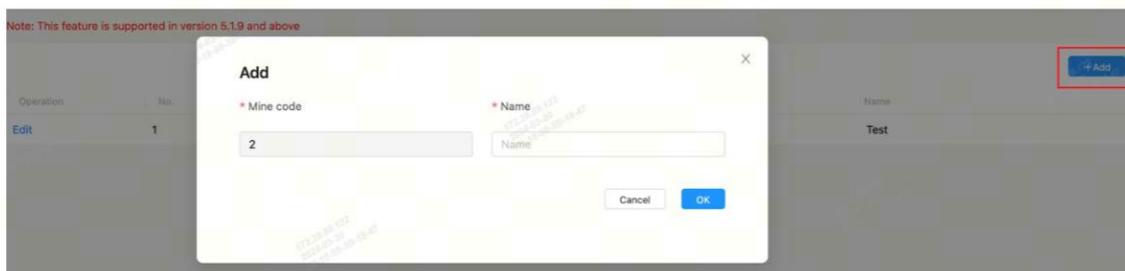


## 9.4 Sub-mining Area Setup

1. You can view and configure sub-mines;



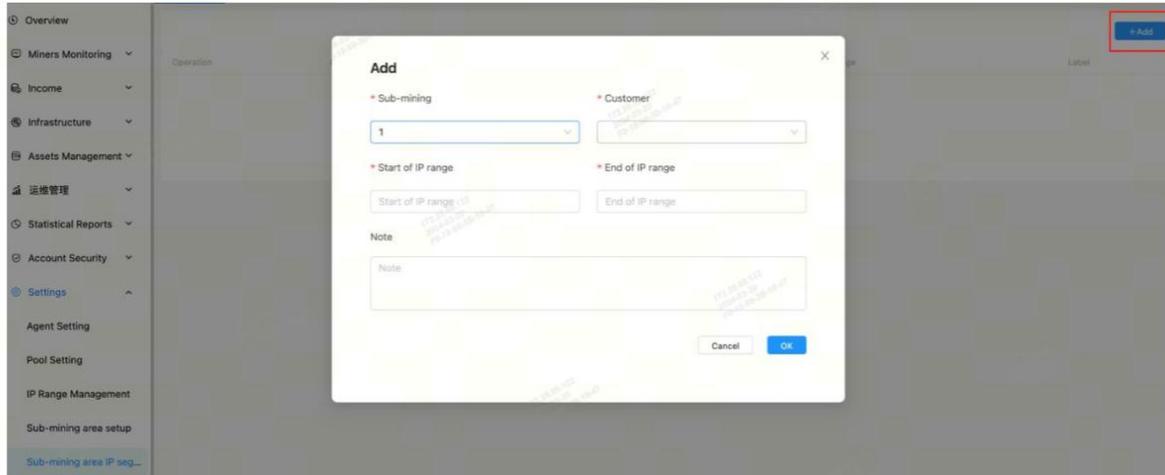
2. Add a sub-mining area number. The number will automatically increase by 1 and cannot be changed.



## 9.5 Sub-mining Area IP Segment Settings

Click Add to set customers and IP ranges for each sub-mining area.

**Note:** Sub-mining area numbers must start with 1.



## 9.6 Shelf Setup

### 9.6.1 Shelf Information View

Operation	No.	Area	Name of shelf	IP	Column	Start position
Edit Delete	1	正确	测试	1层: 192.168.1.10 - 192.168.1.12	3	Bottom left
Edit Delete	2	非法子网	掩码	1层: 192.168.1.10 - 192.168.1.12	3	Top right
Edit Delete	3	非法子网掩码	test	1层: 192.168.1.10 - 192.168.1.12	3	Top right
Edit Delete	4	矿区test	货架test	192.168.100.0 - 192.168.100.255	5	Bottom right
Edit Delete	5	addShelf	shelf	1层: 192.168.2.0 - 192.168.2.255	3	Bottom left
Edit Delete	6	minerTest	shelfTest	1层: 192.168.1.0 - 192.168.1.255	2	Top left
Edit Delete	7	aa	aaa	1层: 10.76.18.169 - 10.76.18.171	1	Top left
Edit Delete	8	矿区1	货架1	1层: 10.76.18.102 - 10.76.18.104	2	Top left

### 9.6.2 Editing and Adding

1. Supports adding, editing, and deleting operations.

Operation	No.	Area	Name of shelf	IP	Column	Start position
Edit Delete	1	正确	测试	1层: 192.168.1.10 - 192.168.1.12	3	Bottom left
Edit Delete	2	非法子网	掩码	1层: 192.168.1.10 - 192.168.1.12	3	Top right
Edit Delete	3	非法子网掩码	test	1层: 192.168.1.10 - 192.168.1.12	3	Top right

## 2. Edit shelf information

**Edit shelf**

\* Area: 正确

\* Name of shelf: 测试

\* Row: 2

\* Column: 3

\* Start position: Bottom left

\* Estimated Quantity to be Occupied (All seats6): 3

\* Seat setting method:  Fixed IP  Fixed SN

\* Continuous IP or not:  Yes  No

\* Name of layer: 1层, 2层

\* Start IP: Start IP, End IP

\* End IP: End IP

Buttons: Cancel, OK

## 3. Click Add to configure new shelf information

**New shelf**

\* Area: Area

\* Name of shelf: Name of shelf

\* Row: 1

\* Column: 1

\* Start position:

\* Estimated Quantity to be Occupied (All seats1): 1

\* Seat setting method:  Fixed IP  Fixed SN

\* Continuous IP or not:  Yes  No

\* Name of layer: 1层

\* Start IP: Start IP, End IP

\* End IP: End IP

Buttons: Cancel, OK

4. There are two methods for setting up mining machine positions: one assigns the shelf location based on IP address, while the other assigns it based on serial number (SN).

**\* 机位设置方式** **\* 是否连续IP**

固定IP  固定SN  是  否

**\* 层名** **\* 开始IP** **\* 结束IP**

1层	开始IP	结束IP
2层	开始IP	结束IP

---

**\* Seat setting method**

Fixed IP  Fixed SN

	column 1	column 2
layer 1		
layer 2		

---

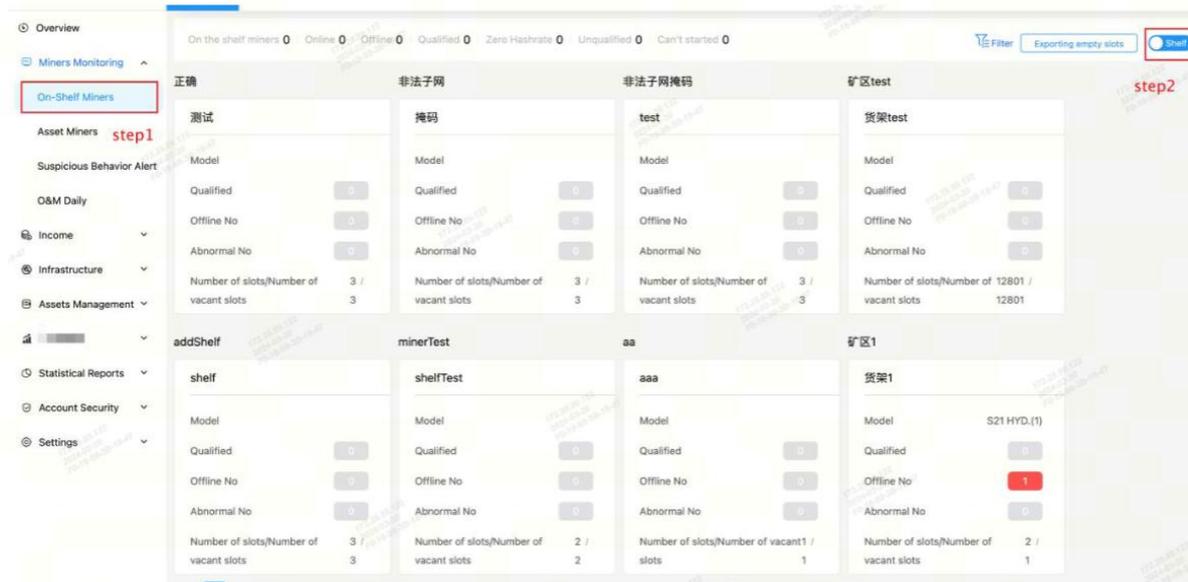
**\* Seat setting method** **\* Continuous IP or not**

Fixed IP  Fixed SN  Yes  No

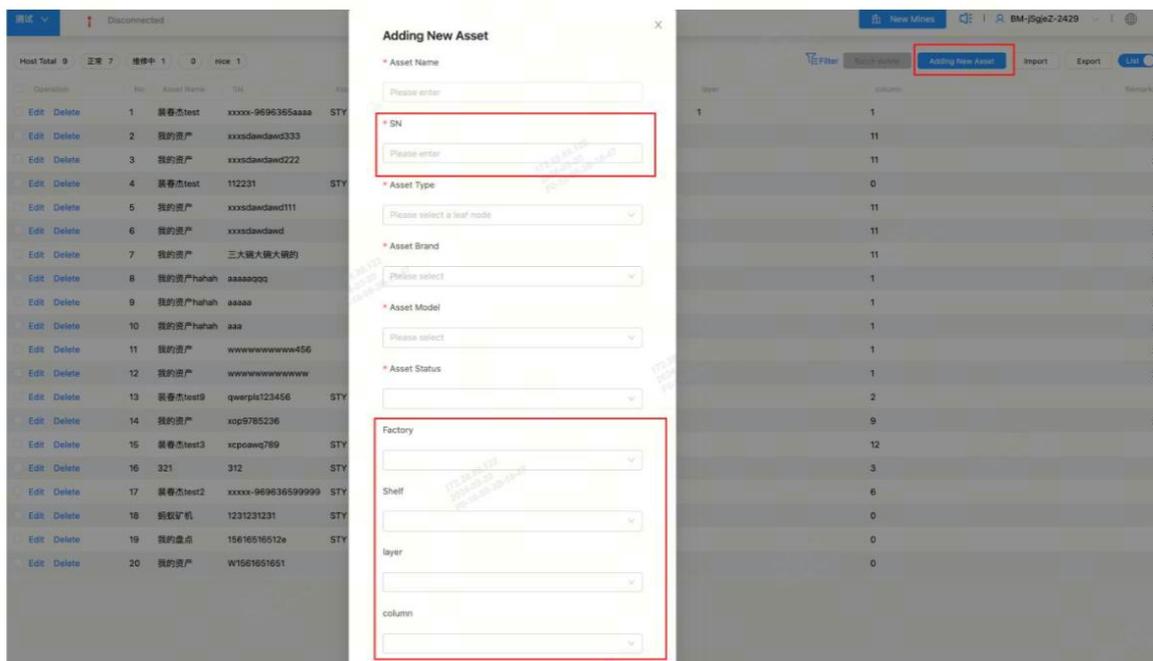
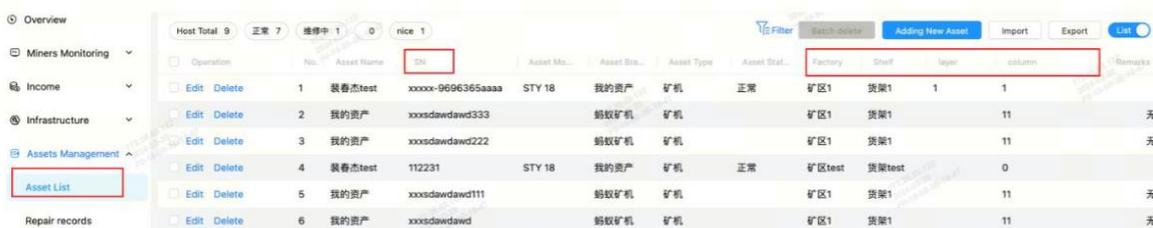
**\* Name of layer** **\* Start IP** **\* End IP**

1层	Start IP	End IP
----	----------	--------

- Once the fixed IP method is selected, the mining machine's location can be directly found on the mining machine shelf.



6. After selecting the fixed SN method, you must configure it in the asset inventory. Each SN will be assigned a corresponding shelf location, which requires configuration here.



## 9.7 Alarm Settings

1. The computing power fluctuation alert allows you to manually configure parameters such as threshold, notification method, and frequency for alert push.

The screenshot displays the 'Hashrate Fluctuation Alarm' configuration interface. On the left, a sidebar lists various system settings, with 'Alarm Setting' selected. The main panel features several controls: an 'Enable' toggle switch, a 'Threshold' section where 'Percentage' is selected, and a 'Notification Ways' section where 'Mail' is checked. The 'Notification frequency' is set to 10 minutes, and 'Repeat notification times' is set to 24 times. The 'Contact' field is populated with 'BM-KPtIPn-yofuvd9058', and an 'Edit' button is visible below it.

2. NUC disconnection alarm

The screenshot shows the 'NUC Downtime Alarm' configuration page. The sidebar on the left is partially visible. The main configuration area includes an 'Enable' toggle switch, 'Notification Ways' with 'Mail' selected, a 'Notification frequency' of 10 minutes, and 'Repeat notification times' set to 5 times. The 'Contact' dropdown menu shows 'BM-VJZhLP-0466', with an 'Edit' button positioned directly below it.

3. The mining machine will trigger an alarm when the number of disconnected machines exceeds 10.

Hashrate Fluctuation Alarm   NUC Downtime Alarm   **Miner Downtime Alarm**   Illegal Mining Pool Alarm   Dead pool alarm

Enable:

Offline miners: more than 0 will trigger an alarm

Notification Ways:  SMS  Mail

Notification frequency: 0 minutes Repeat notification times: 0 times

Contact:

Edit

#### 4. Illegal mining pool alarm;

Hashrate Fluctuation Alarm   NUC Downtime Alarm   Miner Downtime Alarm   **Illegal Mining Pool Alarm**   Dead pool alarm

Enable:

Notification Ways:  SMS  Mail

Notification frequency: 0 minutes Repeat notification times: 0 times

Contact:

Edit

#### 5. Deadpool alert.

Hashrate Fluctuation Alarm   NUC Downtime Alarm   Miner Downtime Alarm   Illegal Mining Pool Alarm   **Dead pool alarm**

Enable:

Threshold:  Quantity  Percentage

Triggering the alarm when the dead pool range of mining rigs is greater than 0 %

Dead pool status:  Pool one Dead  All Dead

Notification Ways:  SMS  Mail

Notification frequency: 0 minutes Repeat notification times: 0 times

Contact:

Edit

## 9.8 Abnormal Restart

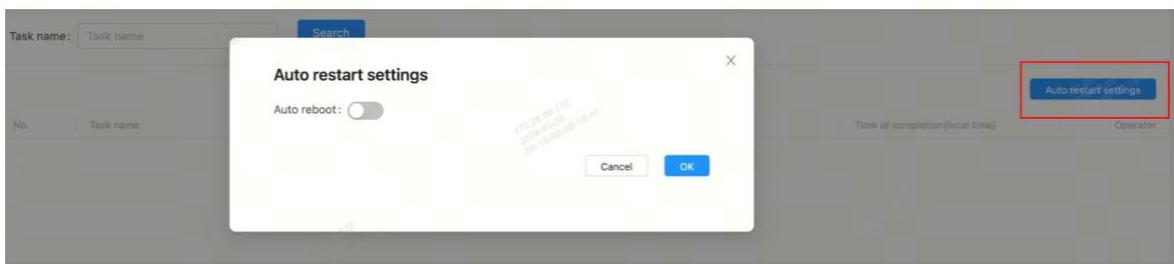
### 1. View automatic restart records

No.	Task name	Total	Success number	Failure number	C-Time(local time)	Time of completion(local time)	Operator
1	自动重启-4268	18	18	0	2021-10-31 23:30:00	2021-10-31 23:30:02	system
2	自动重启-4183	11	11	0	2021-10-30 23:30:00	2021-10-30 23:30:09	system
3	自动重启-4112	11	11	0	2021-10-29 23:30:00	2021-10-29 23:30:08	system
4	自动重启-4058	28	28	0	2021-10-28 23:30:00	2021-10-28 23:30:16	system
5	自动重启-3973	531	531	0	2021-10-27 23:30:00	2021-10-27 23:30:09	system
6	自动重启-3902	25	25	0	2021-10-26 23:30:00	2021-10-26 23:30:05	system
7	自动重启-3867	24	24	0	2021-10-25 23:30:00	2021-10-25 23:30:04	system
8	自动重启-3792	12	12	0	2021-10-24 23:30:00	2021-10-24 23:30:06	system
9	自动重启-3732	13	13	0	2021-10-23 23:30:00	2021-10-23 23:30:02	system
10	自动重启-3647	21	21	0	2021-10-22 23:30:00	2021-10-22 23:30:05	system
11	自动重启-3572	47	47	0	2021-10-21 23:30:00	2021-10-21 23:30:07	system
12	自动重启-3288	1	1	0	2021-10-16 23:30:00	2021-10-16 23:30:06	system
13	自动重启-3058	2	2	0	2021-10-12 23:30:00	2021-10-12 23:30:04	system
14	自动重启-2912	1	1	0	2021-10-10 23:30:00	2021-10-10 23:30:06	system

2. Click the number of mining rigs to view their details.

No.	Task name	Total	Success number	Failure number	C-Time(local time)	Time of completion(local time)	Operator
1	自动重启-4268	18	18	0	2021-10-31 23:30:00	2021-10-31 23:30:02	system
2	自动重启-4183	11	11	0	2021-10-30 23:30:00	2021-10-30 23:30:09	system
3	自动重启-4112	11	11	0	2021-10-29 23:30:00	2021-10-29 23:30:08	system
4	自动重启-4058	28	28	0	2021-10-28 23:30:00	2021-10-28 23:30:16	system
5	自动重启-3973	531	531	0	2021-10-27 23:30:00	2021-10-27 23:30:09	system
6	自动重启-3902	25	25	0	2021-10-26 23:30:00	2021-10-26 23:30:05	system
7	自动重启-3867	24	24	0	2021-10-25 23:30:00	2021-10-25 23:30:04	system
8	自动重启-3792	12	12	0	2021-10-24 23:30:00	2021-10-24 23:30:06	system

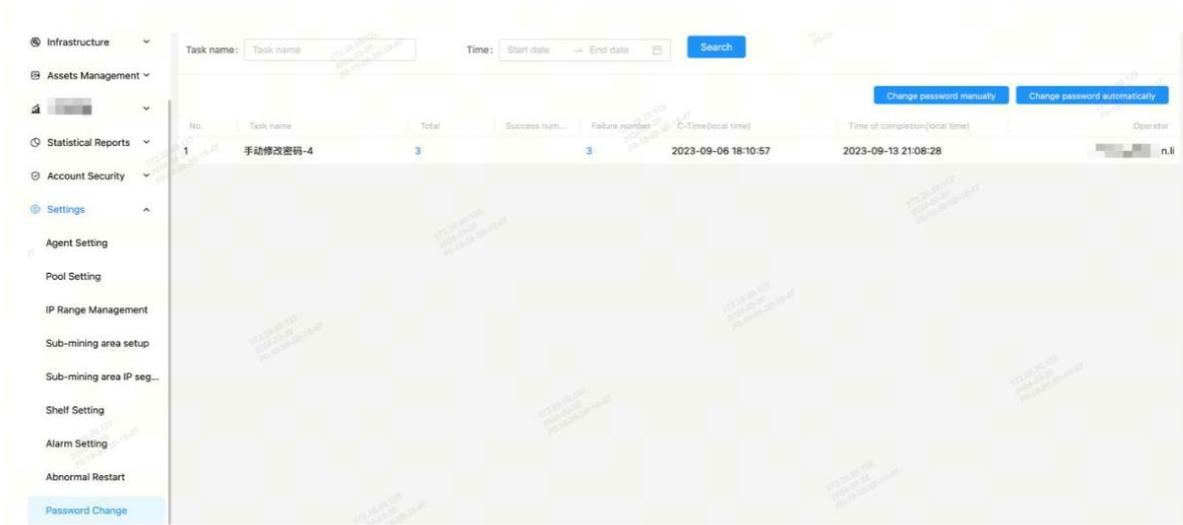
3. Click Auto Restart Settings to enable or disable the auto-restart feature.



## 9.9 Password Settings

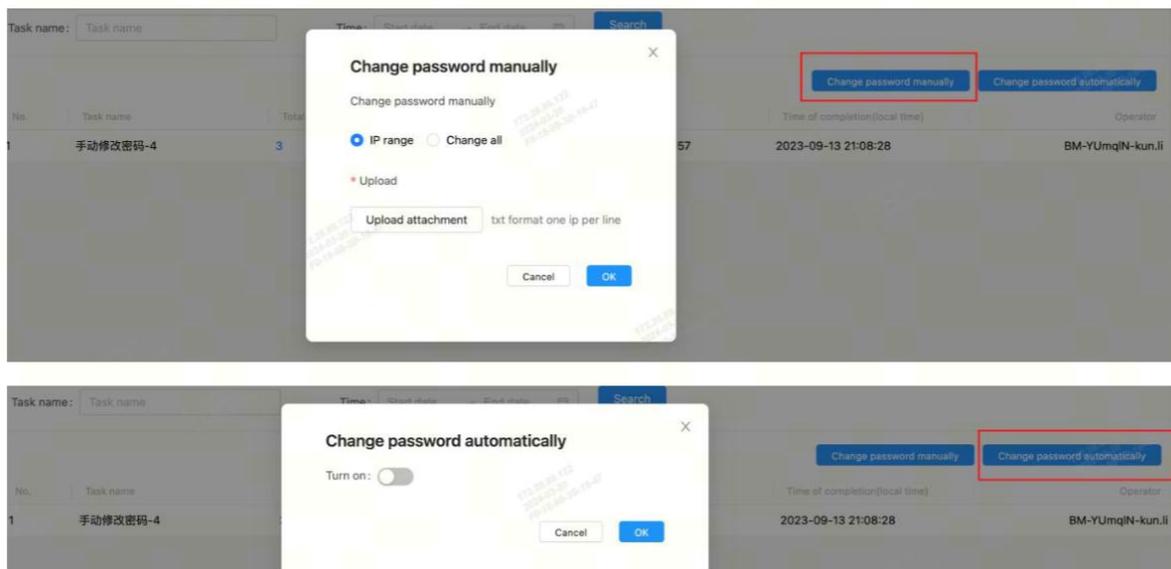
### 9.9.1 Modify password list

Show the task list for changing passwords.



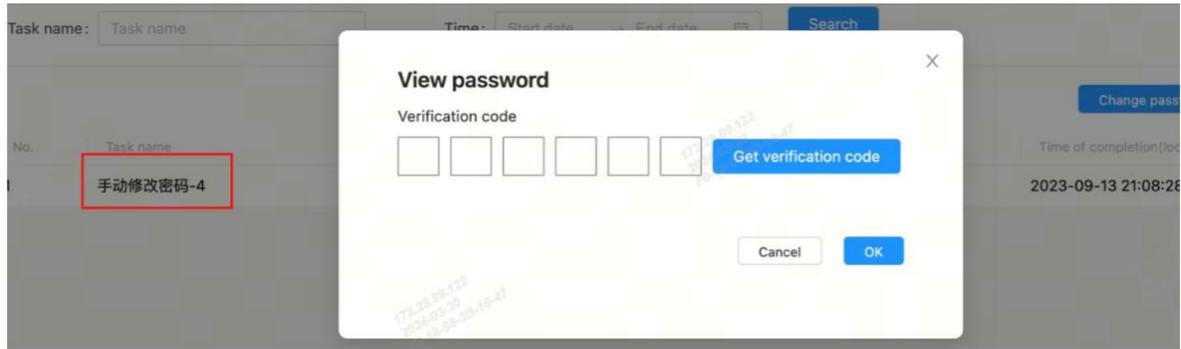
## 9.9.2 Change password

You can manually change the password or automatically change it.



## 9.9.3 View password

Click the task name to view the password.



## 9.10 Firmware Upgrade

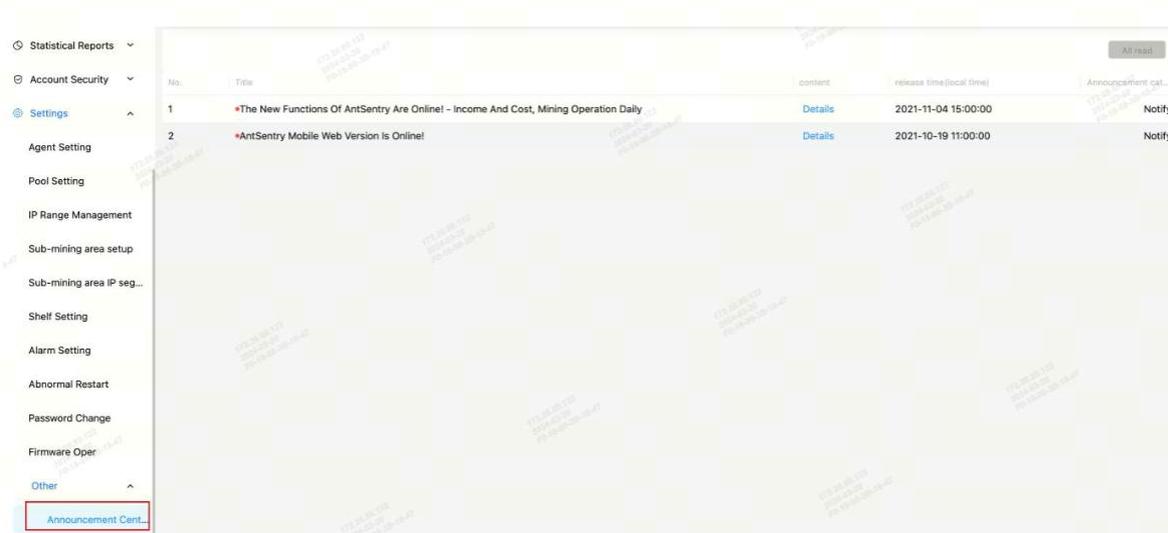
View firmware information.

Operation	No.	Firmware name	Model	Version	Extension	Enable
Disable	1	Antminer-S19-Pro-release-202012111123.bmu	Antminer S19 Pro	2021-02-04	bmu	Enabled
Disable	2	Antminer-S19-release-202104112036.bmu	Antminer S19	2021-06-23	bmu	Enabled
Disable	3	Antminer-S19i-release-202104272304.bmu	Antminer S19i	2021-05-28	bmu	Enabled
Disable	4	Antminer-S19-Hydro-release-202105191744.bmu	Antminer S19 Hydro	2021-06-09	bmu	Enabled
Disable	5	Antminer-S19Pro-Hydro-user-release-a-20210517120706-6458.bmu	Antminer S19Pro Hydro	2021-06-10	bmu	Enabled
Disable	6	Antminer-T19-Hydro-release-202105212014.bmu	Antminer T19 Hydro	2021-06-09	bmu	Enabled
Disable	7	Antminer-S17+-user-OM-202006021031-sig_5968.tar.gz	Antminer S17+	2020-06-18	tar.gz	Enabled
Disable	8	Antminer-S17+-user-OM-202004071411-sig_5755.tar.gz	Antminer S17+	2020-04-14	tar.gz	Enabled
Disable	9	Antminer-T17+-user-OM-202006021011-sig_5967.tar.gz	Antminer T17+	2020-06-18	tar.gz	Enabled
Disable	10	Antminer-T17+-user-OM-202004081127-sig_5761.tar.gz	Antminer T17+	2020-04-14	tar.gz	Enabled
Disable	11	Antminer-S17e-user-OM-202004221119-sig_5818.tar.gz	Antminer S17e	2020-04-30	tar.gz	Enabled
Disable	12	Antminer-S17e-user-OM-202101082231-sig_6358.tar.gz	Antminer S17e	2021-01-25	tar.gz	Enabled
Disable	13	Antminer-T17e-user-OM-202004221121-sig_5820.tar.gz	Antminer T17e	2020-04-30	tar.gz	Enabled
Disable	14	Antminer-T17e-user-OM-202101082235-sig_6360.tar.gz	Antminer T17e	2021-01-25	tar.gz	Enabled
Disable	15	Antminer-S17Pro-user-OM-202004271325-sig_5837.tar.gz	Antminer S17 Pro	2020-06-30	tar.gz	Enabled
Disable	16	Antminer-S17Pro-user-MD-201905241708-sig.tar.gz	Antminer S17 Pro	2019-11-20	tar.gz	Enabled
Disable	17	Antminer-S17-user-OM-202004271323-sig_5835.tar.gz	Antminer S17	2020-06-30	tar.gz	Enabled
Disable	18	Antminer-S17-user-MD-201905241706-sig.tar.gz	Antminer S17	2020-01-02	tar.gz	Enabled

## 9.11 Other

### 9.11.1 Remove from maintenance list

Enter mining machine details manually to remove it from the list.



## frequently asked questions FAQ

### 1. -How many machines does each nuc support?

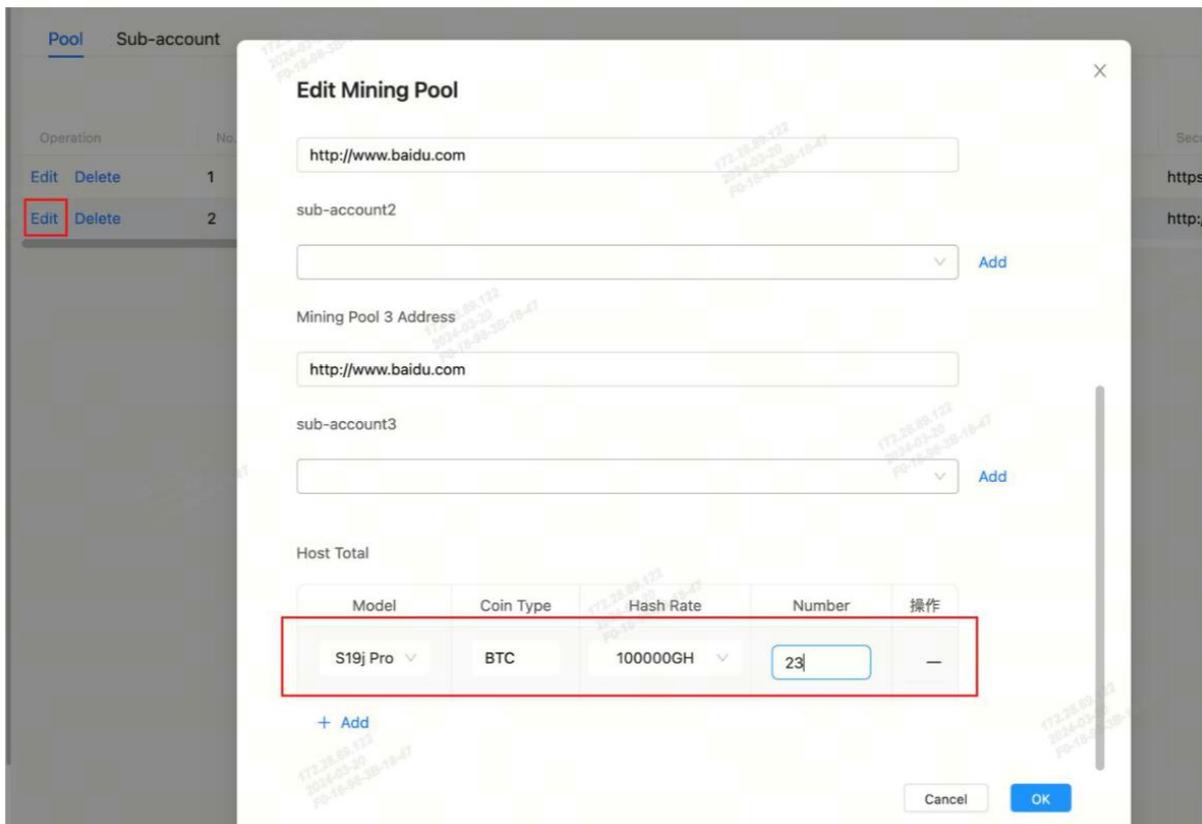
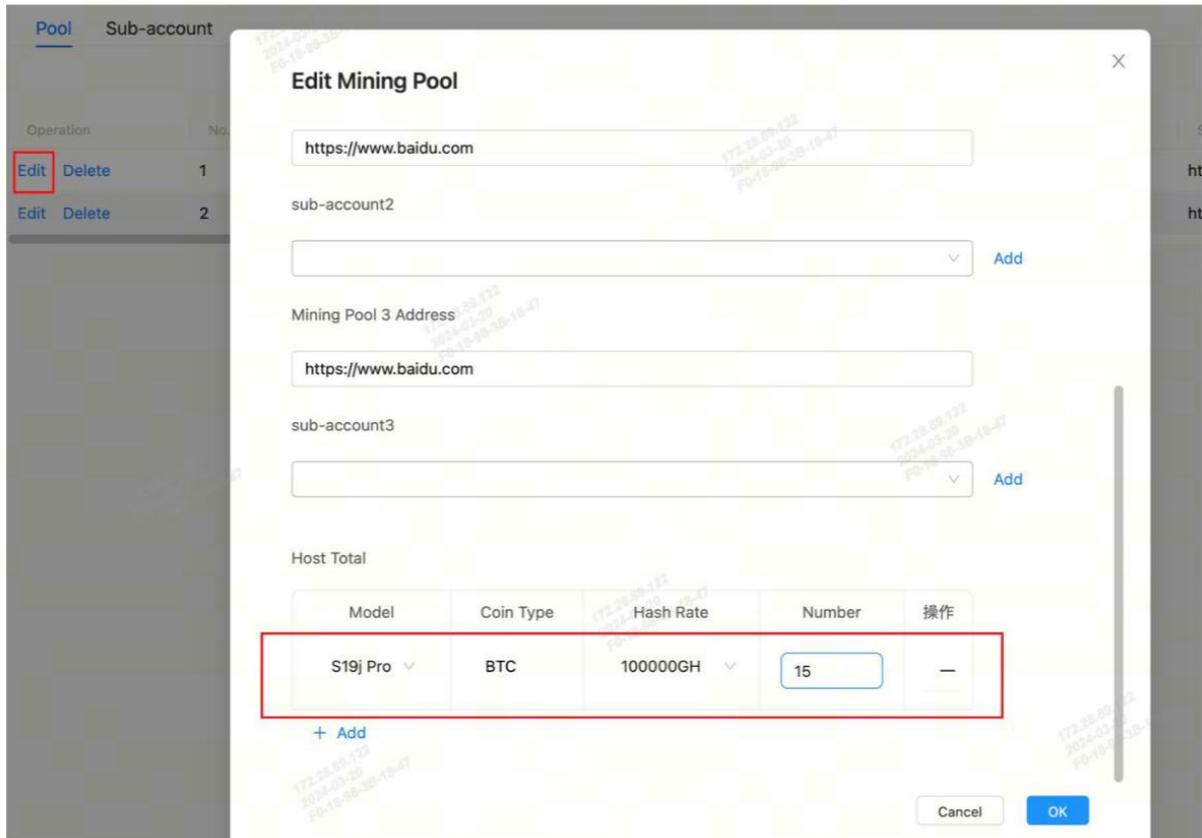
A typical nuc mining rig with a 4-core CPU, 16GB RAM, and 100GB hard drive usually has fewer than 20,000 units.

### 2. When should you set up sub-mining areas?

When you have two or more mining areas, you can set one as a sub-area of another to view aggregated data for both. If not set as a sub-area, you can view data for each mining area separately.

### 3. Why must the number of mining pool hosts be at least XX?

First, go to Settings> Mining Pool Configuration to check the number of mining pools under management.



The minimum number of mining pool units a client can host is determined by the total number of units configured for the same model, currency, and computing power. For example, as shown in the figure above, Client test has 15 units of S19j Pro-BTC-104000GH in Test Mining Pool and 23 units

in Test Mining Pool. Therefore, when editing the client's hosting quantity in Security> Account Management, test must set the number to at least 38 units. As illustrated below:

