



User Manual

DNAKE Cloud Platform

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1. Introduction

1.1 Introduction

1. DNAKE Cloud platform has 3 kinds of accounts, Distributor, Sub-distributor (optional) , Reseller/Installer and Property Manager. Different users have unique functions on the platform. Here is the table for you to have a look at the distinctions.




2. Reseller/Installer can also create sites and switch to sites to manage as a Property Manager.

3. One Property Manager can manage multiple sites.

No.	Distributor & Sub-distributor(optional)	Reseller /Installer	Property Manager
1	System Message	System Message	System Message
2	Personal Center	Personal Center	Personal Center
4	Reseller/Installer	Property Manager	Device (List)
5	/	Project	Apartment
6	/	Device (Management)	Resident (Resident & Access Control)
7	License Log	License Log	License Log
8	/	Update (Firmware List & Update List)	Security Alarm
9	My message	My message	My message
10	/	/	Log

1.2 Introduction of some icons

1. The icons you may see in the platform.

	Edit		Hide search
	Delete		Refresh
	Details		Synchronize All Residents data
	Resent Email		Resident Details
	Device		Edit Value-added Services
	License Management		Renew
	Sync again		Set as Owner
	Replace Device		Introduction
	Access Device Webserver		

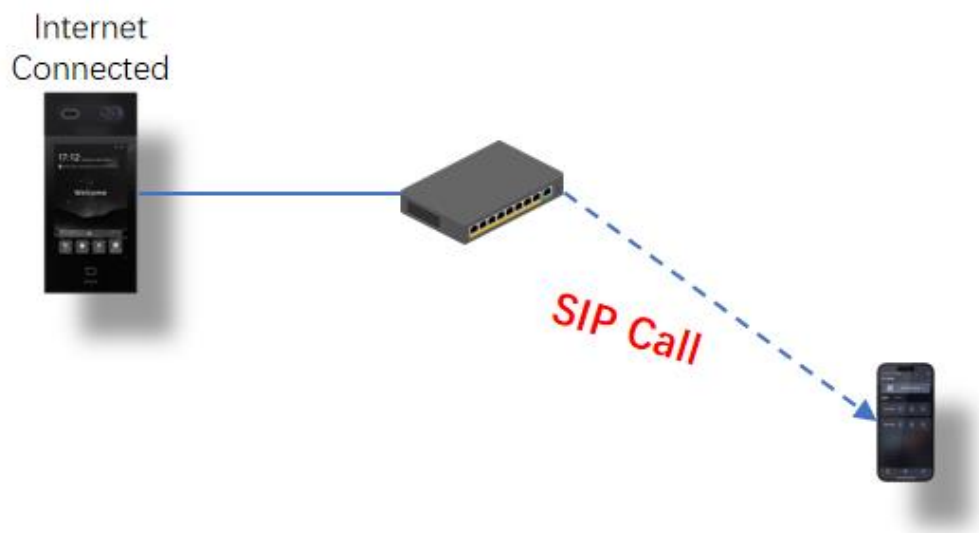
1.3 Supported devices and solutions

1. We are developing and adding more features to the platform and DNAKE Smart Pro app. Some devices are supported now while some will be supported in the near future. Please refer to the table below for the supported models:

(1) Door Station Without Indoor Monitor

Requirements: The Door Station must be connected to the internet, registered on the SIP server, and added to the platform.

Setup: Select "Without Indoor Monitor" license when creating apartment (Without indoor monitor license will be used).

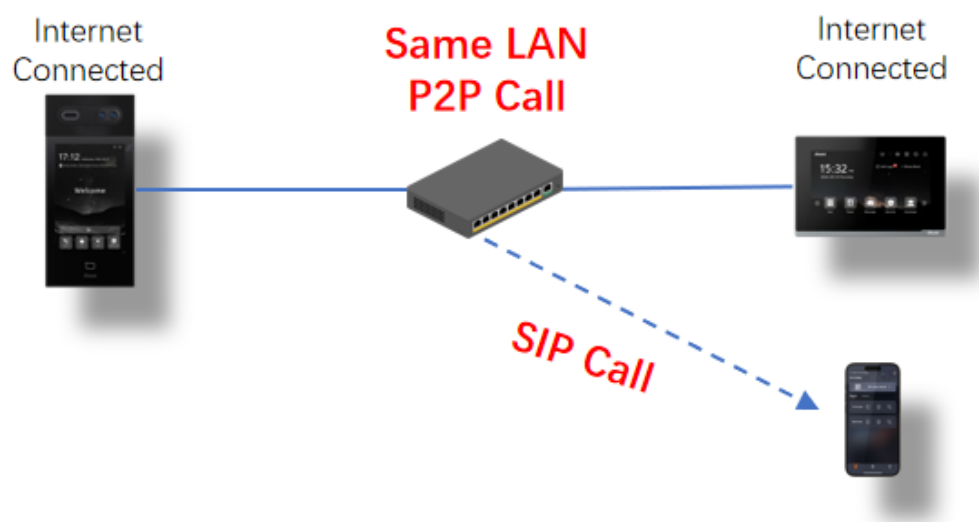


(2) Door Station With Indoor Monitor

Requirements: The door station and indoor monitor should both be connected to the internet and added to the platform.

Door Station should support to be registered to SIP server;

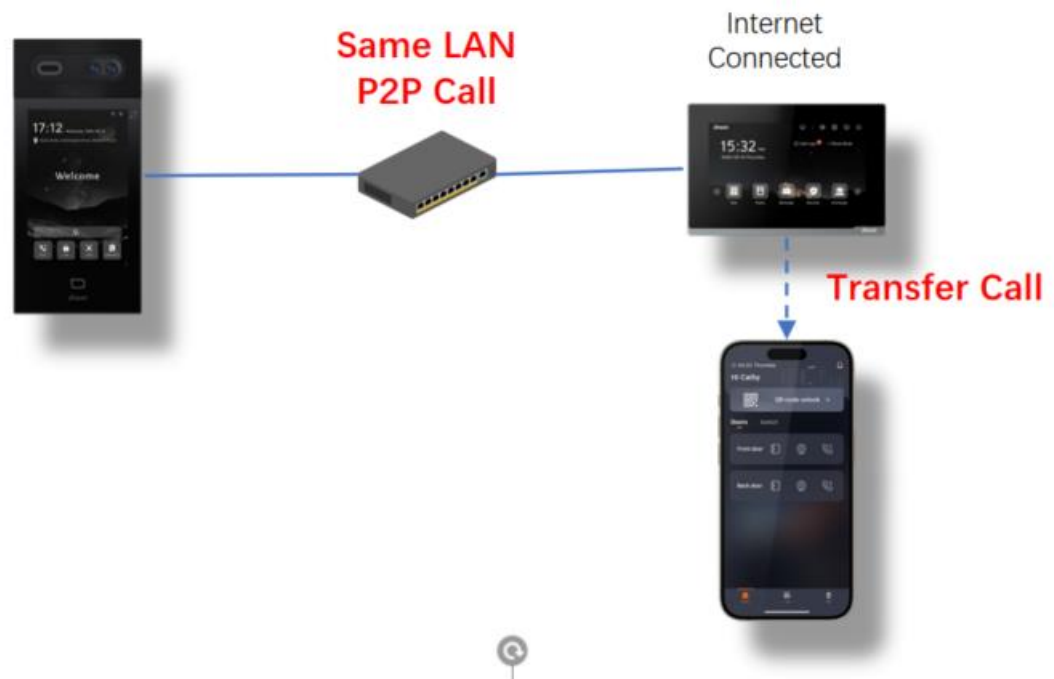
Setup: Choose " With Indoor Monitor " license when creating apartment
(With indoor monitor license will be used).



(3) No Door Station, but With Indoor Monitor

Requirements: The indoor monitor should be connected to the internet and added to the platform.

Setup: Select " With Indoor Monitor " license when creating apartment
(With indoor monitor license will be used).



(4) Local Network Call (With Indoor Monitor)

Requirements: This configuration operates without an internet connection, using a local network for P2P (peer-to-peer) calls.

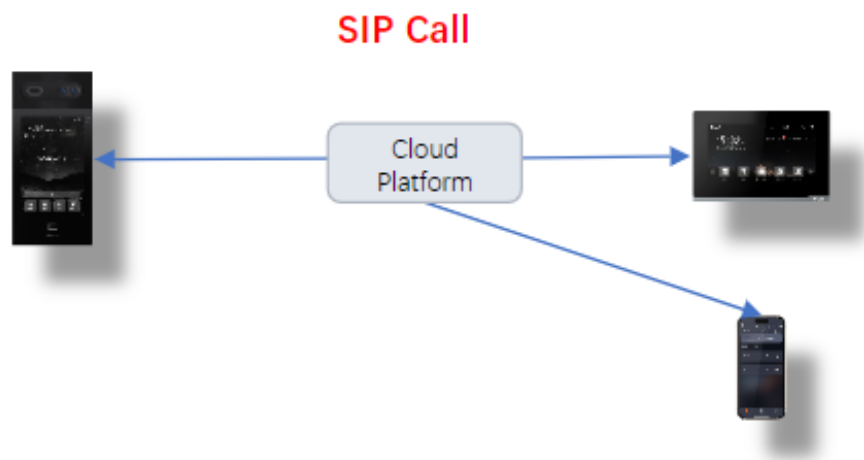
User Setup: No specific setup for SIP server registration is needed as the call is local.

No Internet required.



(5) Public Network Calling (With Indoor Monitor)

- Cloud Connectivity: The door station and indoor monitor connects to its designated network and registers to the cloud.
- Seamless Communication: Once both devices are connected to the cloud, they can establish calls without the need to be in the same LAN environment.
- Flexibility: Devices can operate across different networks, providing greater deployment options.



2.Support devices

Device type	Model
Door station (SIP Call)	C112
	S212
	S213K
	S213M
	S215
	S615
	S617
	S414
Indoor Monitor	E214
	E216
	E217
	A416
	E416
	H618
Master Station	902C-A
Access Control	AC01

	AC02
	AC02C
IP Kits	IPK06
	IPK07
	IPK08
TW Kits	TWK01
	TWK02
	TWK03
	TWK04
Elevator Control Module	EVC-ICC-A5

2. DNAKE provides different solutions.

- **With Indoor Monitor:**

Refers to the P2P solution with Indoor Monitor (Indoor Monitor must be installed for each household).

- **Without Indoor Monitor:**

Refers to the P2P or SIP solution without Indoor Monitor. If you are among the SIP-supported countries and the device you use support SIP solution (e.g., S615 SIP updated with 904D_0_1_1_40_SIPV1_4_21_GA_20231123), the platform will choose SIP solution automatically.

Please refer to **Appendix A: SIP or landline supported countries and regions** for SIP-supported countries

- **Value-added Services:**

Refers to some premium services like SIP call and landline feature. This service is based on Door Station Direct Call SIP solution.

Please note that value-added service can't be taken back if it's used.

- **Remote Management:**

Enables property managers to use the Smart Pro, ensuring they stay connected while on patrol. With this functionality, security personnel no longer need to worry about missing calls. This enhances communication and allows property managers to provide better services to residents.

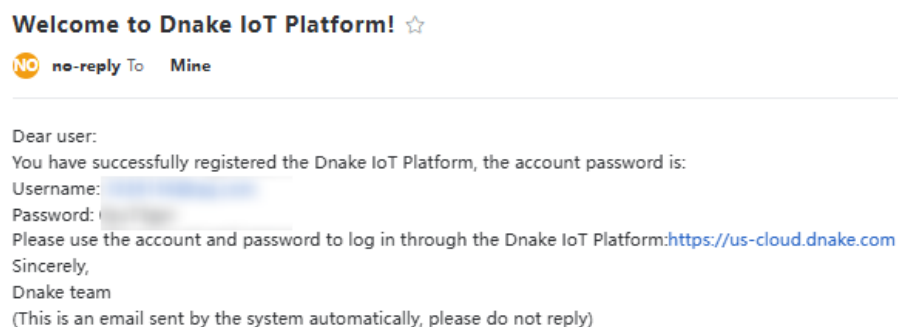
2. Login and Logout

2.1 Login and Logout

2.1.1 Login

1. log in your account in web browser

- ◆ Step 1: Provide your email and information to DNAKE or DNAKE partners to register an account. You will receive account password in your email inbox.



- ◆ Step 2: Please enter the platform website and log in with your account.

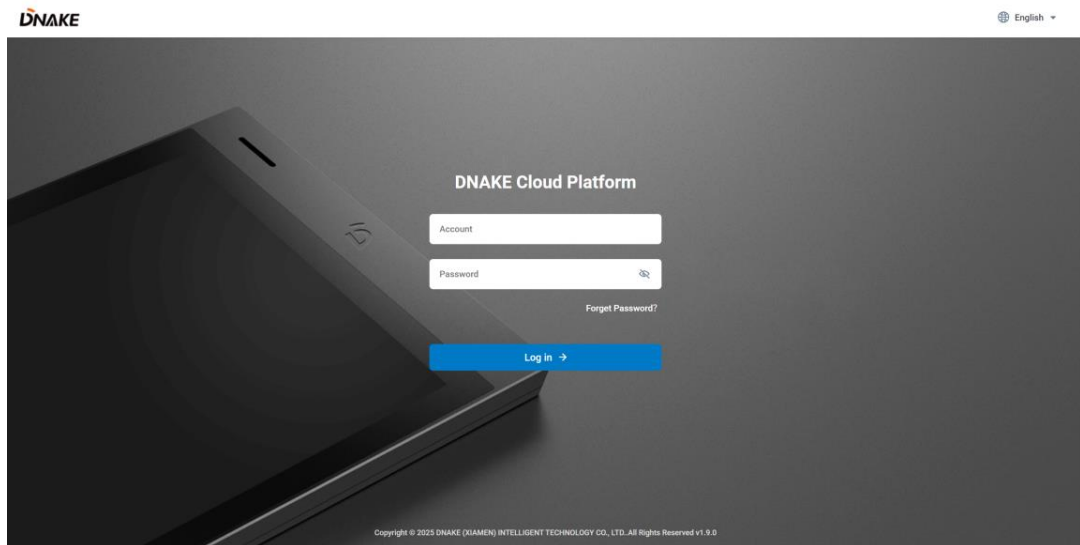
Different regions have different data center. Please go to the URL according to different regions.

European data center: <https://eu-cloud.dnake.com>.

American data center: <https://us-cloud.dnake.com>.

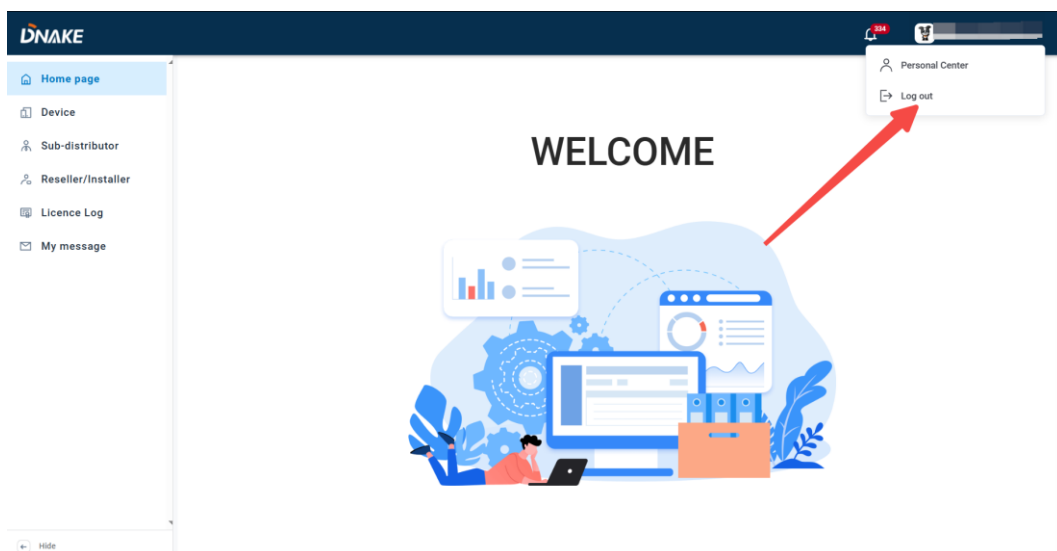
Indian data center: <https://ind-cloud.dnake.com>

Please refer to the appendix A for checking your country or region's data center.



2.1.2 Logout

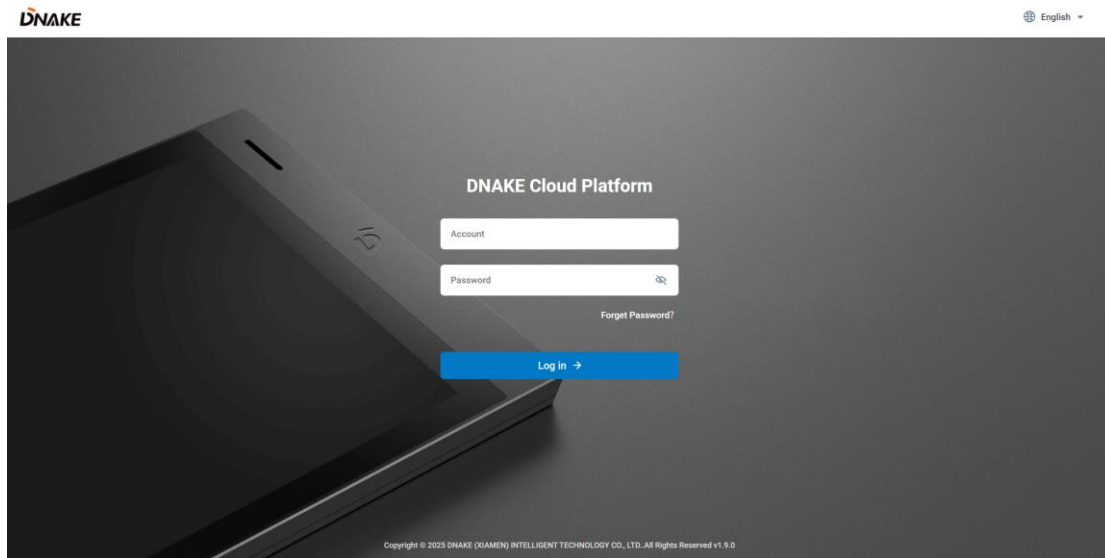
Click your personal account on the right upper corner and log out.



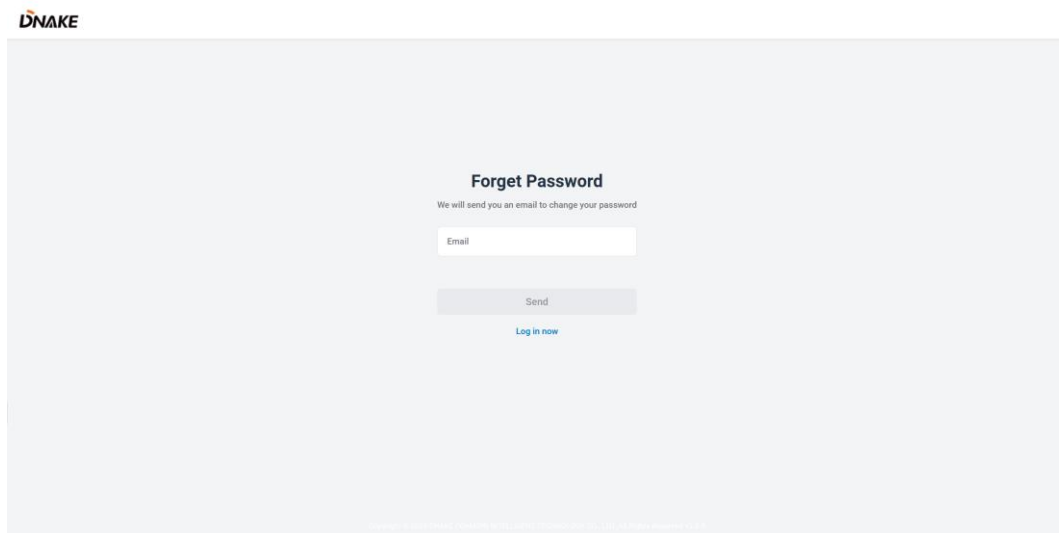
2.2 Forget password

1. Recover your password

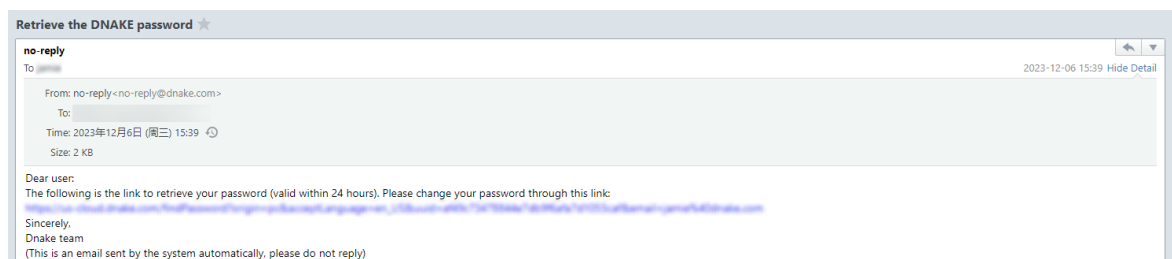
- ◆ Step 1: Click Forget Password?



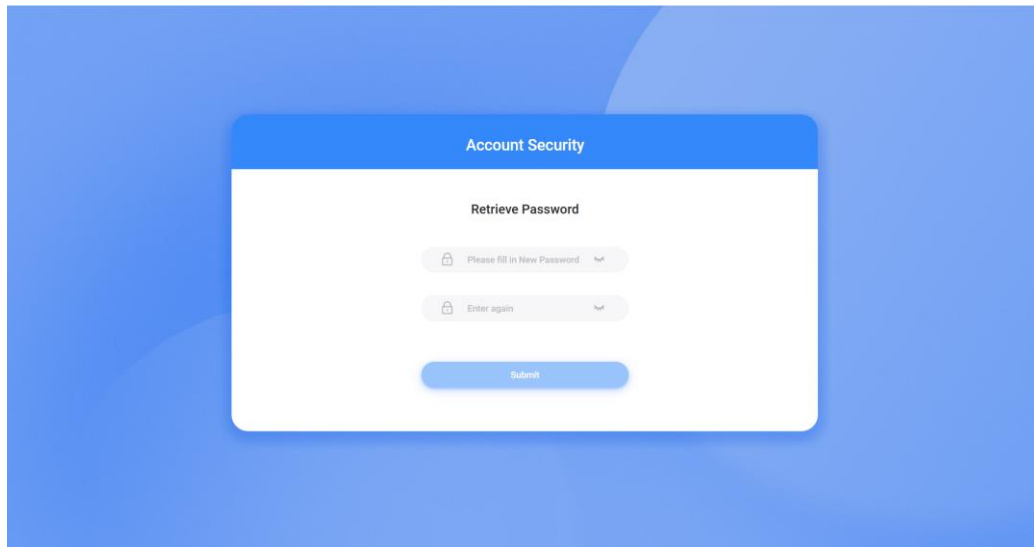
- ◆ Step 2: Enter your email and click Next.



- ◆ Step 3: The platform will send you an email to change your password. Please



- ◆ Step 4: Please set a new password according to the rule and try to log in with new password.



3. Personal Center and System Messages

3.1 Basic information

1. You can check the details of account you log in. You can find your phone number, email address, role, project, creation time or nickname and so on. You can even change the profile photo.

The screenshot shows the DNAKE web application interface. On the left is a sidebar with navigation links: Home page, Device, Reseller/Installer, Licence Log, and My message. The main content area is titled 'Personal Information' and contains two tabs: 'Basic Information' (selected) and 'Change Password'. Under the 'Basic Information' tab, there is a profile picture of a cartoon dog, a 'Phone Number' field with a minus sign, an 'Email' field, and a 'Creation Date' field. A 'Hide' button is located at the bottom left of the sidebar.

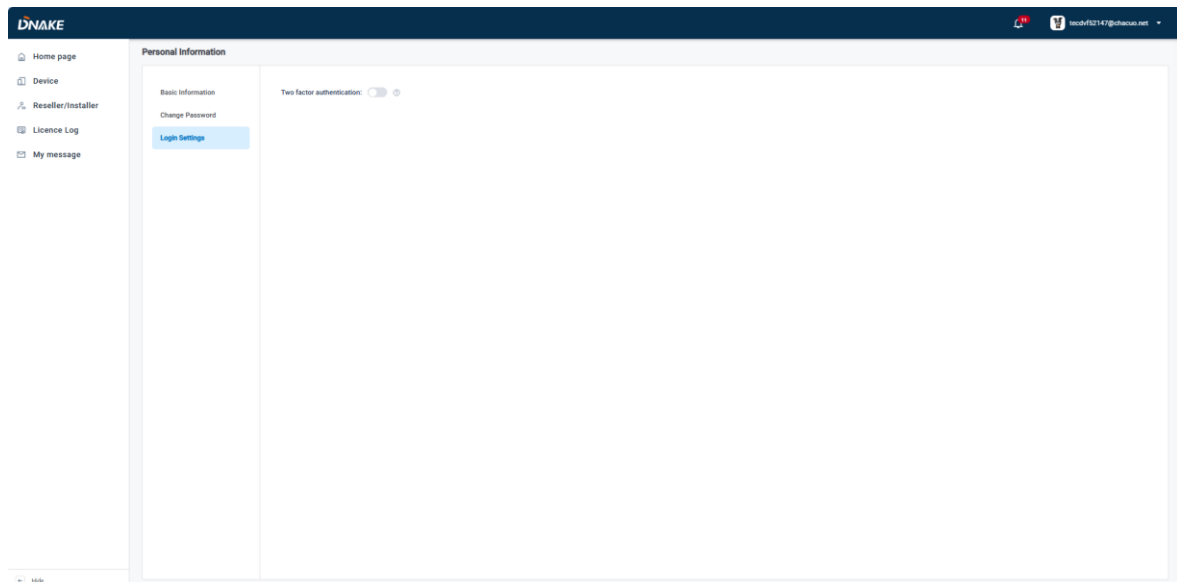
3.2 Change Password

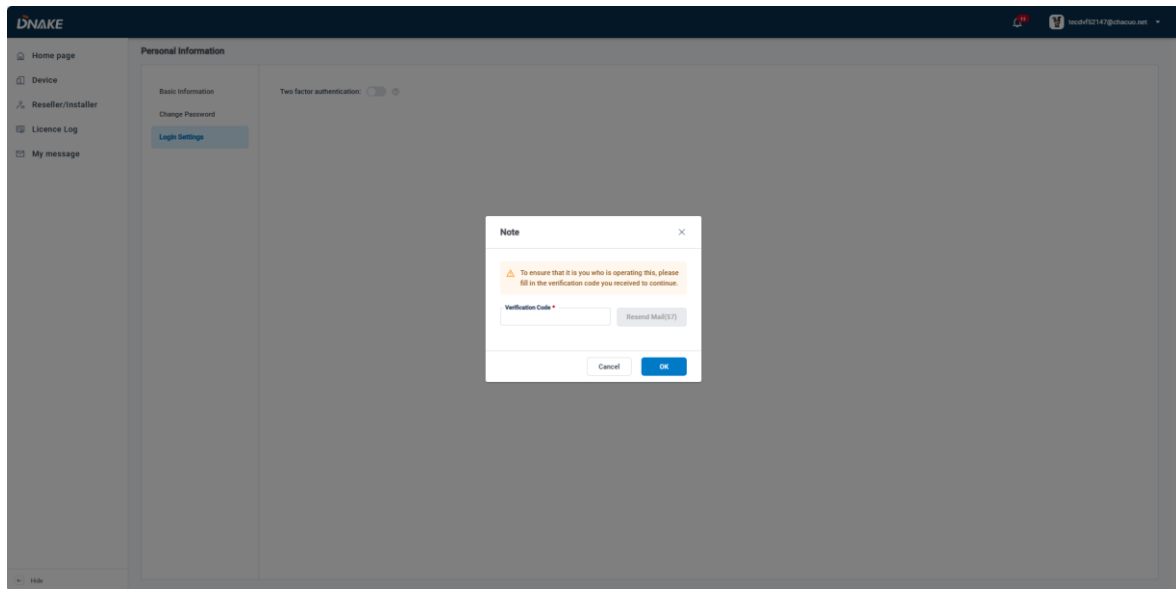
1. If you want to change password, please click Change Password to edit.

This screenshot shows the 'Change Password' tab selected in the 'Personal Information' section. The 'Basic Information' tab is also visible. The 'Change Password' tab contains three password input fields: 'Current Password' (with a red asterisk and placeholder 'Please fill in Current Password'), 'New Password' (with a red asterisk and placeholder 'Please fill in New Password'), and 'Confirm new password' (with a red asterisk and placeholder 'Please fill in Confirm new password'). Each field has a small eye icon for toggling visibility. At the bottom of the form are 'Cancel' and 'Save' buttons. The sidebar and navigation elements are identical to the previous screenshot.

3.3 Login Settings

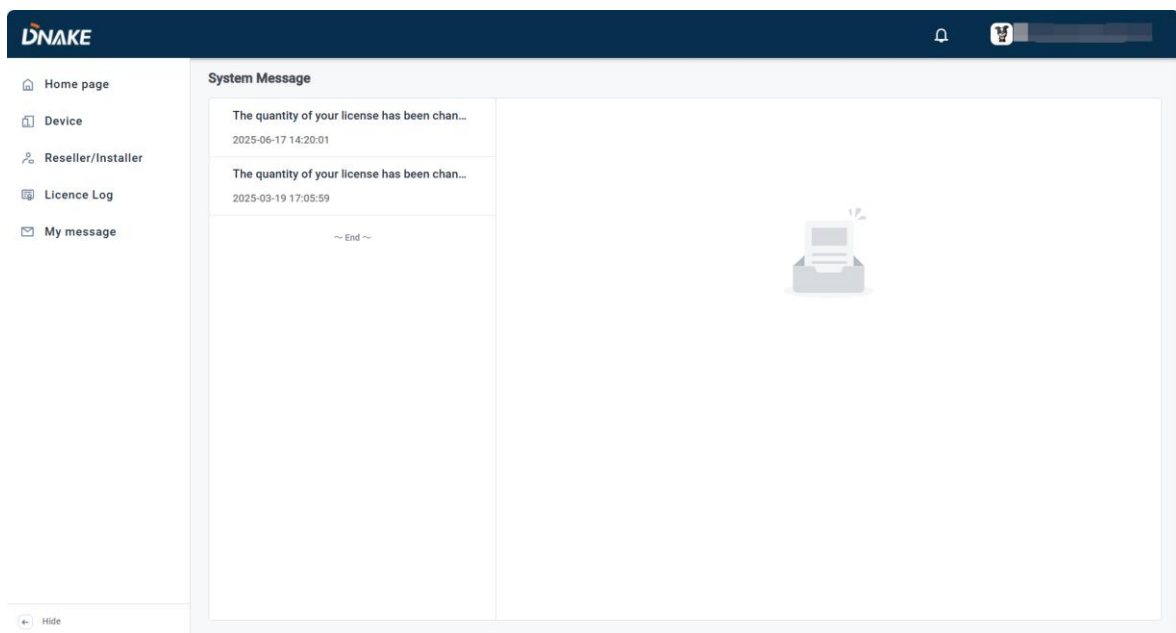
1. It is used to configure whether you need to fill in the verification code when you login the platform. It can help you to protect your account from being stolen. If it's enabled, the platform will send you a verification code to your email (the same with your account) after you click "Log in" on the login page, you should fill in the correct code before login. If it's disabled, you will login directly after you click "Log in".





3.4 System Message

1. System message comes from your upstream characters. For example, if you are a reseller, you will receive messages from distributor/sub- distributor and you can also send messages to your downstream characters.



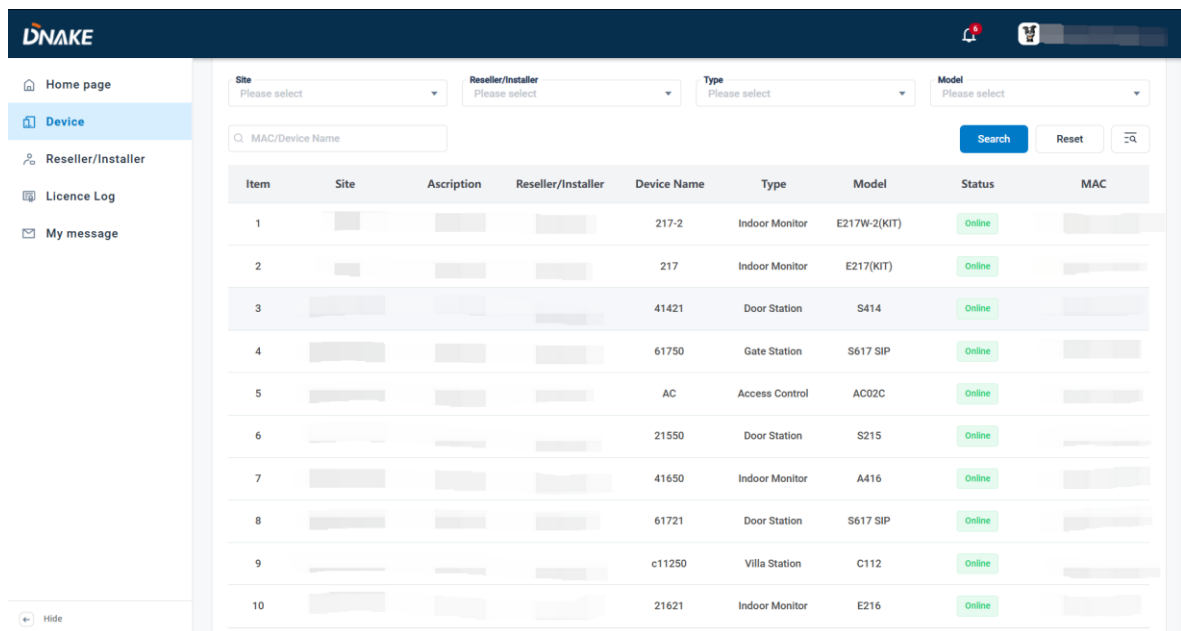
4. Distributor

4.1 Manage the device

- ◆ Distributors can now access the Device menu to view devices added by their associated resellers or installers. This feature provides visibility into device distribution while maintaining hierarchical management.

The **Device** menu includes the following details:

- **Site:** The site associated with the device.
- **Reseller/Installer:** The reseller or installer that imported the device.
- **Device Name**
- **Type**
- **Model**
- **Status**
- **MAC Address**



Item	Site	Ascription	Reseller/Installer	Device Name	Type	Model	Status	MAC
1				217-2	Indoor Monitor	E217W-2(KIT)	Online	
2				217	Indoor Monitor	E217(KIT)	Online	
3				41421	Door Station	S414	Online	
4				61750	Gate Station	S617 SIP	Online	
5				AC	Access Control	AC02C	Online	
6				21550	Door Station	S215	Online	
7				41650	Indoor Monitor	A416	Online	
8				61721	Door Station	S617 SIP	Online	
9				c11250	Villa Station	C112	Online	
10				21621	Indoor Monitor	E216	Online	

4.2 Reseller/installer

4.2.1 Add a reseller/installer account

1. Here are the steps to add a reseller/installer account

- ◆ Step 1: Go to Reseller/installer column and click Add to add a reseller/installer account.

The screenshot shows the 'Reseller/Installer' management page in the DNaKE system. It features a sidebar with navigation options: Home page, Device, Reseller/Installer (selected), Licence Log, and My message. The main content area displays a table of installed resellers with columns for ID, Company, Ascription, Email, Name, Phone, Created Time, and Operation. A search bar at the top allows filtering by ID/Company/Email/Name/Phone. A '+ Add Reseller/Installer' button is located in the top right corner. The table lists 7 entries, with the first three highlighted in blue. The bottom of the table shows a pagination control indicating 'Total 7' and '10/page'.

ID	Company	Ascription	Email	Name	Phone	Created Time	Operation
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2025-06-06 16:47:56	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2025-06-06 09:31:58	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2025-01-23 09:16:58	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	2025-01-13 16:27:40	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2024-10-12 14:34:33	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2024-10-09 17:19:13	[Edit] [Delete] [More]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	-	-	2024-05-10 09:57:26	[Edit] [Delete] [More]

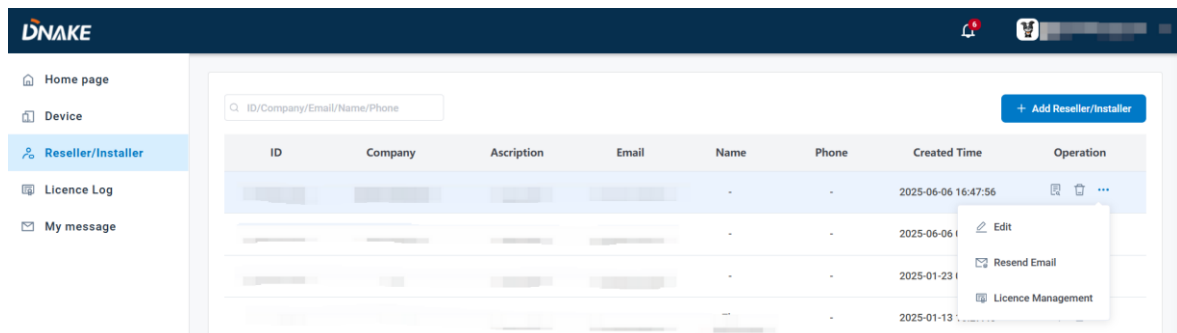
- ◆ Step 2: Fill in reseller/installer' s information. Company name, Email and language are necessary. Please make sure email is right because Email will be reseller/installer' s account. And Password will be sent to this email address.

The screenshot shows the 'New Reseller/Installer' form in the DNaKE system. The sidebar is the same as the previous screenshot. The main content area is titled 'New Reseller/Installer' and contains a form with the following fields: Company (required, 0/80), Email (required, 0/60), Language (dropdown menu, currently set to English), First name (0/30), Last name (0/30), Country/Region (dropdown menu, currently set to Please select), Phone (0/15), and Remarks. A note below the Language field states: '(Email send to users will be in language users choose)'. At the bottom of the form are 'Cancel' and 'Save' buttons.

4.2.2 Manage reseller/installer account

1. After registering a reseller/installer account, you can edit, delete, check it, and

resend the registration email or manage their licenses.



4.2.3 License Management

1. The license is necessary for the residents to use the app. Every DNAKE Smart Pro app host user needs one license to have the app service. You can find different types of services:

- **With Indoor Monitor:**

Refers to the P2P solution with Indoor Monitor (Indoor Monitor must be installed for each household).

- **Without Indoor Monitor:**

Refers to the P2P or SIP solution without Indoor Monitor. If you are among the SIP-supported countries and the device you use support SIP solution, the platform will choose SIP solution automatically.

Please refer to **Appendix A: SIP or landline supported countries and regions** for SIP-supported countries

- Value-added Services:

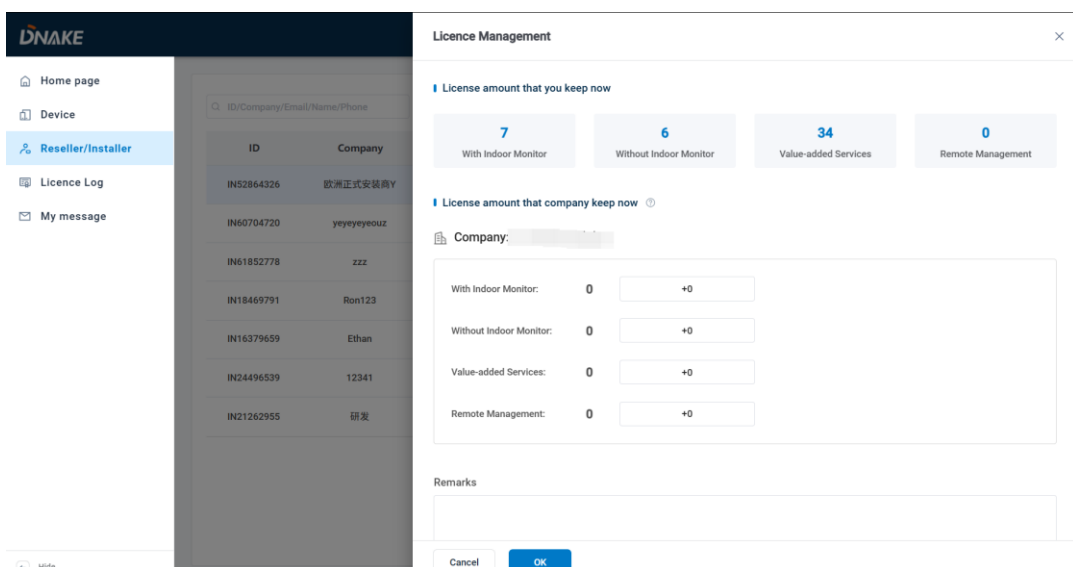
Refers to some premium services like SIP call and landline feature. This service is based on Door Station Direct Call SIP solution.

Please note that value-added service can't be taken back if it's used.

- Remote Management:

Enables property managers to use the Smart Pro, ensuring they stay connected while on patrol. With this functionality, security personnel no longer need to worry about missing calls. This enhances communication and allows property managers to provide better services to residents.

As a distributor, you are allowed to increase or reduce the amounts of different types of services for reseller/installer.



The screenshot shows the DNAKE Reseller/Installer interface. On the left is a sidebar with navigation options: Home page, Device, Reseller/Installer (selected), Licence Log, and My message. The main area displays a table of users with columns for ID and Company. A 'Licence Management' dialog box is open on the right, showing the current license amounts for the selected user and allowing the distributor to adjust them.

ID	Company
IN52864326	欧洲正式安装商Y
IN60704720	yeeyeyeouz
IN61852778	zzz
IN18469791	Ron123
IN16379659	Ethan
IN24496539	12341
IN21262955	研发

Licence Management

License amount that you keep now

License Type	Amount
With Indoor Monitor	7
Without Indoor Monitor	6
Value-added Services	34
Remote Management	0

License amount that company keep now

Company: [Input Field]

License Type	Amount	Action
With Indoor Monitor	0	+0
Without Indoor Monitor	0	+0
Value-added Services	0	+0
Remote Management	0	+0

Remarks: [Input Field]

Buttons: Cancel, OK

4.3 License Log

1. You can check the amount of license you have and license log.

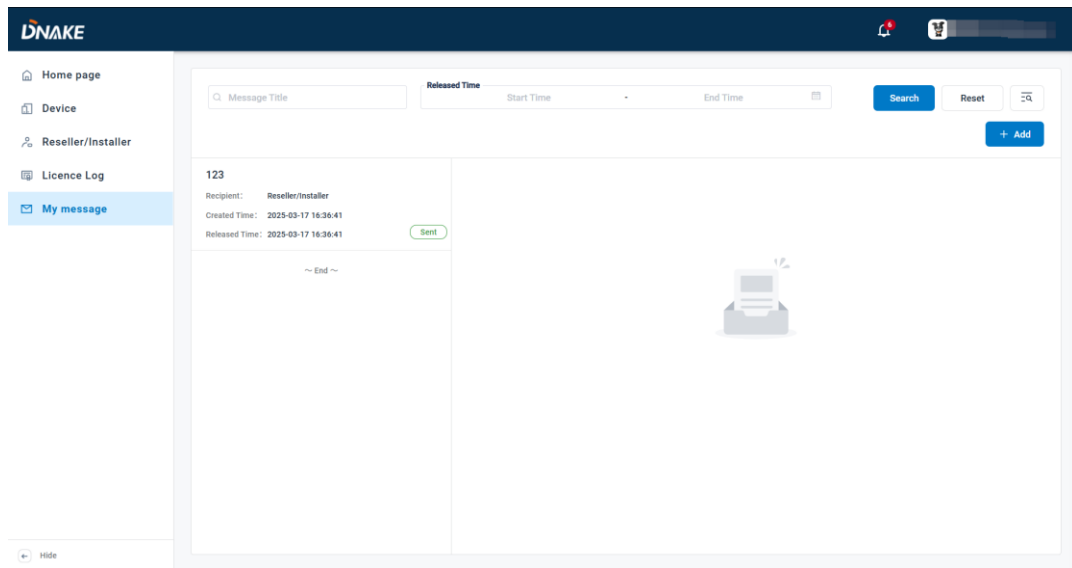
Item	Time	Type	Operation	Amount	Source/Destination	Holdings	Remarks
1	2025-06-09 14:35:49	Value-added Services	Issued To Subordinates	-5		34	-
2	2025-06-09 14:35:49	With Indoor Monitor	Issued To Subordinates	-5		7	-
3	2025-06-09 14:35:49	Without Indoor Monitor	Issued To Subordinates	-5		6	-
4	2025-06-06 09:33:19	Remote Management	Issued To Subordinates	-2		0	-
5	2025-06-06 09:33:19	Value-added Services	Issued To Subordinates	-5		39	-
6	2025-06-06 09:33:19	With Indoor Monitor	Issued To Subordinates	-5		12	-
7	2025-06-06 09:33:19	Without Indoor Monitor	Issued To Subordinates	-5		11	-

4.4 My message

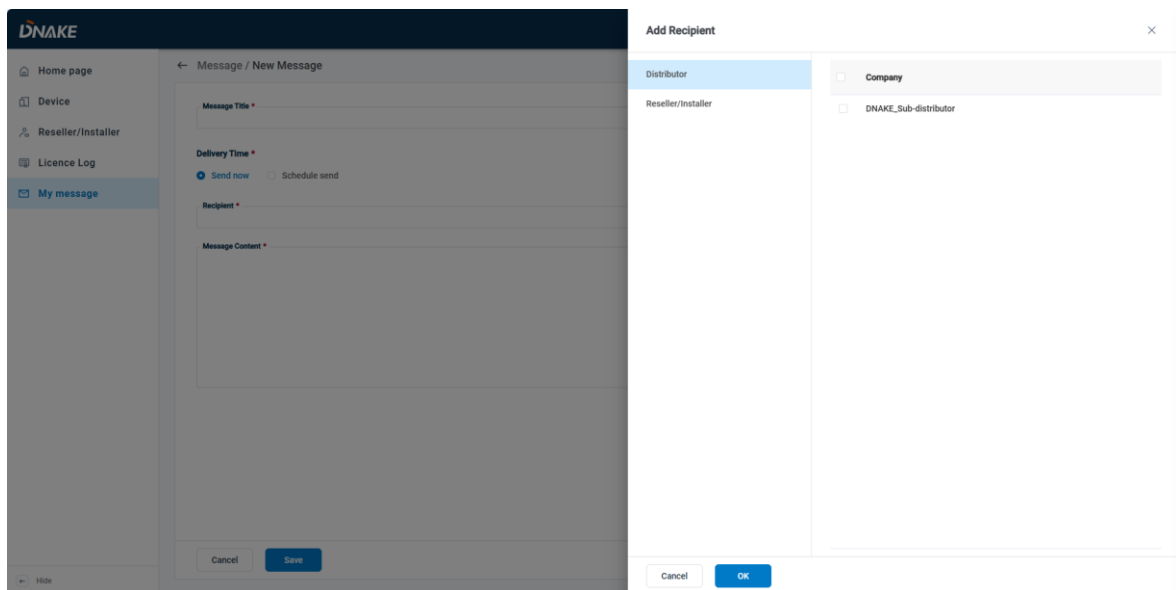
4.4.1 Send messages to reseller/installer

1. Here are the steps to send messages to reseller/installer

- ◆ Step 1: Go to My message column and click Add to edit a message.



- ◆ Step 2: Fill in message title and message content. Choose the recipient and the delivery time.



- ◆ Step 3: Click the message. You can check the message detail.

DNAKE

Home page

Device

Reseller/Installer

Licence Log

My message

Message Title

Released TimeStart TimeEnd Time

SearchResetAdd

123
Recipient: Reseller/Installer
Created Time: 2025-03-17 16:36:41
Released Time: 2025-03-17 16:36:41Sent

~ End ~

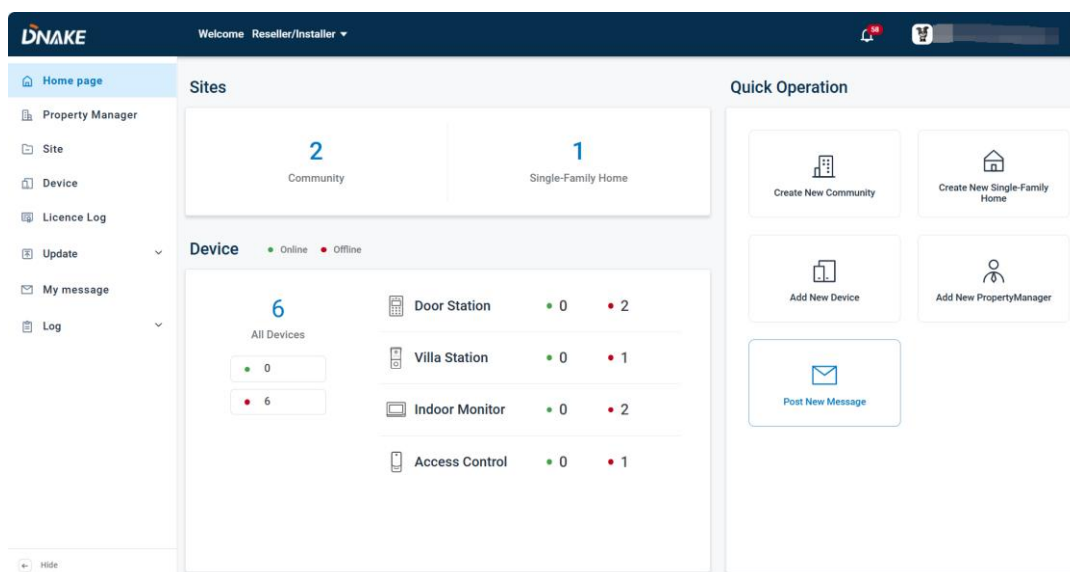
123
Recipient: Reseller/Installer
Released Time: 2025-03-17 16:36:41

test

5. Reseller/Installer

5.1 Home page

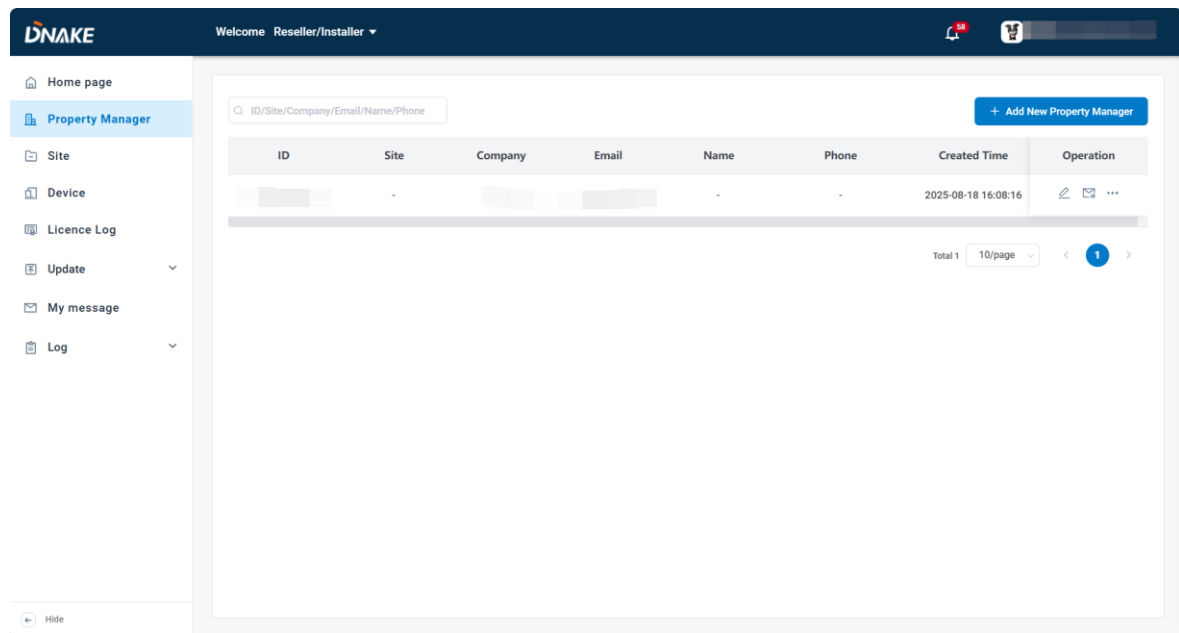
1. Here is the dashboard for tracking the number of sites and devices. Also, the quick operation to create a new community, new single-family home, etc.



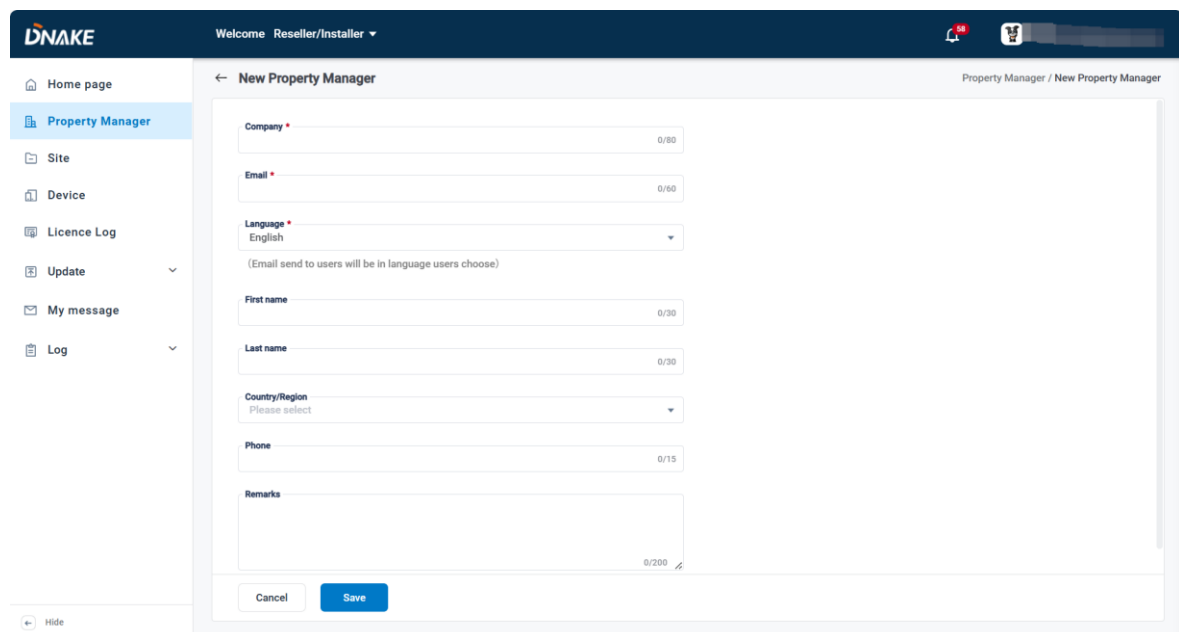
5.2 Property Manager

5.2.1 Add a property manager account

1. Here are the steps to add a property manager account
 - ◆ Step 1: Go to Property Manager column and click Add to add a property manager account.

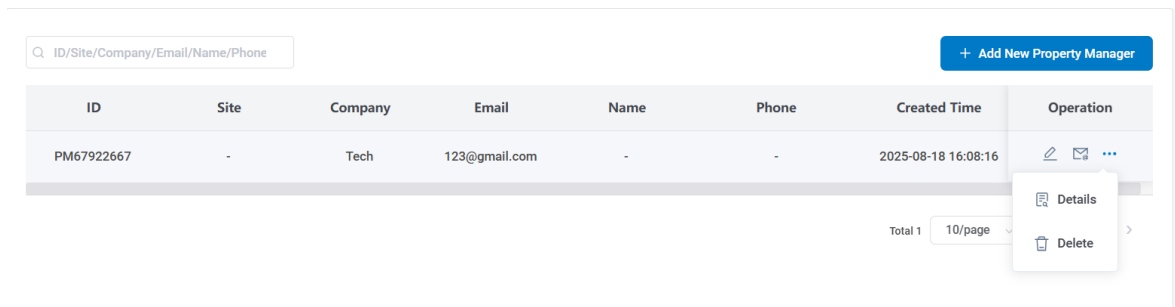


- ◆ Step 2: Fill in property manager's information. Company name, Email and language are necessary. Please make sure email is right because Email will be property manager's account. And Password will be sent to this email address.



5.2.2 Manage Property Manager account

1. After registering a property manager account, you can edit, delete, check it, and resend the registration email.



ID	Site	Company	Email	Name	Phone	Created Time	Operation
PM67922667	-	Tech	123@gmail.com	-	-	2025-08-18 16:08:16	Details Delete

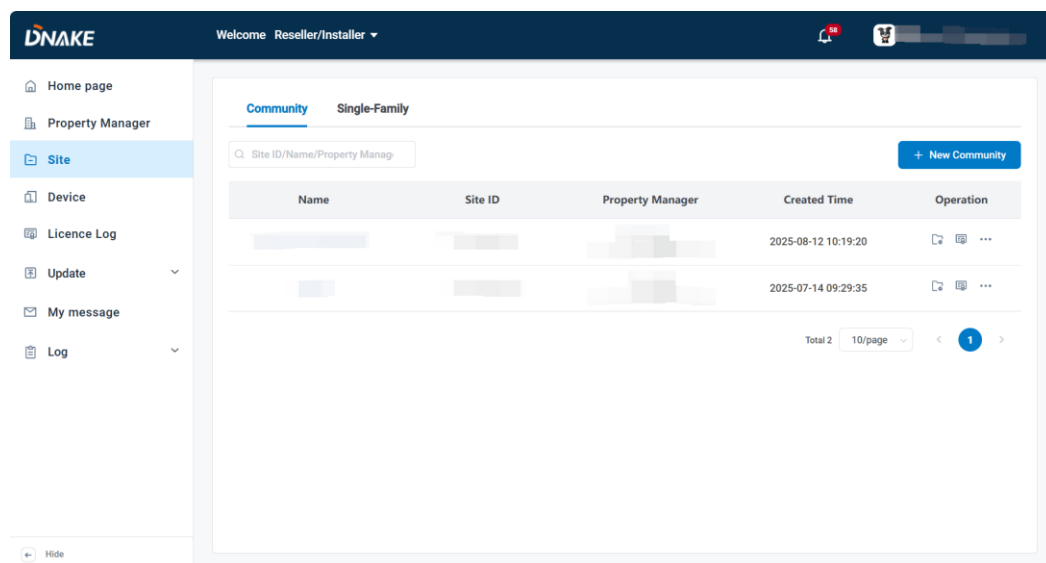
Total 1 10/page

5.3 Site

5.3.1 Add a Community

1. Here are the steps to add a community

- ◆ Step 1: Go to Site column and click New Community to add a new community.



Name	Site ID	Property Manager	Created Time	Operation
[Redacted]	[Redacted]	[Redacted]	2025-08-12 10:19:20	Details Delete
[Redacted]	[Redacted]	[Redacted]	2025-07-14 09:29:35	Details Delete

Total 2 10/page 1

- ◆ Step 2: Fill in community information. Community name and Country/Region are necessary.

Allow Residents Register Face:

It is the face recognition function. If you have Door Station with face recognition function, you can enable it for app users to upload their face data via app.

Remote management:

It is used to configure whether the property manager is allowed to manage Villa Station as an access control device. If enabled, the property manager will see the device when creating access control. If disabled, the property manager will not have the permission to create access control for Villa Station.

Sync Resident to Phonebook by default:

It's used to configure whether "Sync to Phonebook on device" is enabled on the resident setting page of this site. If enabled, "Sync to Phonebook on device" will be enabled by default. Otherwise, it will be disabled by default.

Report Device Anomalies:

It is used to configure whether to send a report to the administrator when an abnormality occurs on the device.

The screenshot displays the 'Site / New Community' configuration page in the DNAKE system. The interface features a dark blue header with the DNAKE logo and a user greeting 'Welcome Reseller/Installer'. A sidebar on the left contains navigation links: Home page, Property Manager, Site (highlighted), Device, Licence Log, Update, My message, and Log. The main content area is titled 'Site / New Community' and contains the following form elements:

- Community name**: A text input field with a character count of 0/30.
- Country/Region**: A dropdown menu with the placeholder text 'Please select'.
- Property Manager**: A dropdown menu with the placeholder text 'Please select'.
- Email**: A text input field with a character count of 0/60.
- Phone**: A text input field with a character count of 0/15.
- Building structure**: A dropdown menu with the placeholder text 'Building/Unit/Apartment'.
- Resident Permissions**: Two checkboxes: 'Register Face ID in the APP' and 'Register Account in the APP'.
- Access Control Permission**: A checkbox labeled 'Config Private Devices on the Platform' with a help icon.
- Remote Management**: A toggle switch that is currently turned on, with a help icon.
- Daylight saving time**: A toggle switch that is currently turned off.
- Sync Resident to phonebook by default**: A toggle switch that is currently turned on, with a help icon.
- Report Device Anomalies**: A toggle switch that is currently turned on, with a help icon.
- Remarks**: A large text area for additional notes.

At the bottom of the form, there are 'Cancel' and 'Save' buttons. A 'Hide' button is located in the bottom left corner of the sidebar area.

5.3.2 Manage Community

1. After creating a community, you can edit, delete, check it and auto deploy log, or click the Site Management icon or Name of community to jump to Site management page to manage devices, apartments and residents of this community.

Community
Single-Family

Site ID/Name/Property Manager
+ New Community

Name	Site ID	Property Manager	Created Time	Operation
Demo_Case_Community	0101829612	Dnake (fvmax111@gmail.com)	2025-08-12 10:19:20	<div> Edit Auto Deploy Log Details Delete </div>
Dnake	0101134547	Dnake (fvmax111@gmail.com)	2025-07-14 09:29:38	

Total 2
10

5.3.3 License Management

1. The license is necessary for the residents to use the app. Every DNAKE Smart Pro app host user needs one license to have the app service. You can find different types of services:

- **With Indoor Monitor:**

Refers to the P2P solution with Indoor Monitor (Indoor Monitor must be installed for each household).

- **Without Indoor Monitor:**

Refers to the P2P or SIP solution without Indoor Monitor. If you are among the SIP-supported countries and the device you use support SIP solution, the platform will choose SIP solution automatically.

Please refer to **Appendix A: SIP or landline supported countries and regions**

for SIP-supported countries

- **Value-added Services:**

Refers to some premium services like SIP call and landline feature. This service is based on Door Station Direct Call SIP solution.

Please note that value-added service can't be taken back if it's used.

As a reseller/installer, you are allowed to increase or reduce the amounts of different types of services for sites.

The screenshot displays the 'Licence Management' window in the DNAKE system. On the left is a sidebar with a navigation menu including 'Home page', 'Property Manager', 'Site', 'Device', 'Licence Log', 'Update', 'My message', and 'Log'. The 'Site' option is selected. The main panel shows the 'Licence Management' title and a search bar for 'Site ID/Name/Property Manager'. Under the 'Community' tab, a table lists a site named 'test'. Below the table, the 'License amount that you keep now' section shows three categories: 'With Indoor Monitor', 'Without Indoor Monitor', and 'Value-added Services', each with a value of 0. The 'License amount that site keep now' section for the 'test' site also shows 0 for the same three categories. Each category has an input field and a '+0' button. At the bottom, there is a 'Remarks' text area and 'Cancel' and 'OK' buttons.

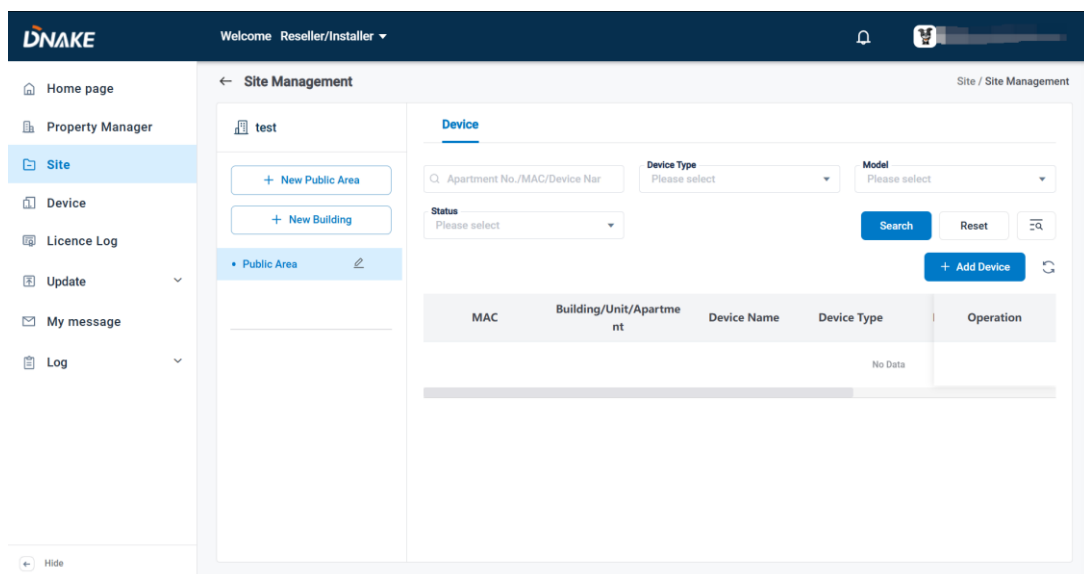
5.3.4 Device and Resident Management

Within the left - side Community classification module, users can add "New Building" to enter basic information of newly added buildings and "Public Areas" to manage shared space information, including the main entrance, laundry room,

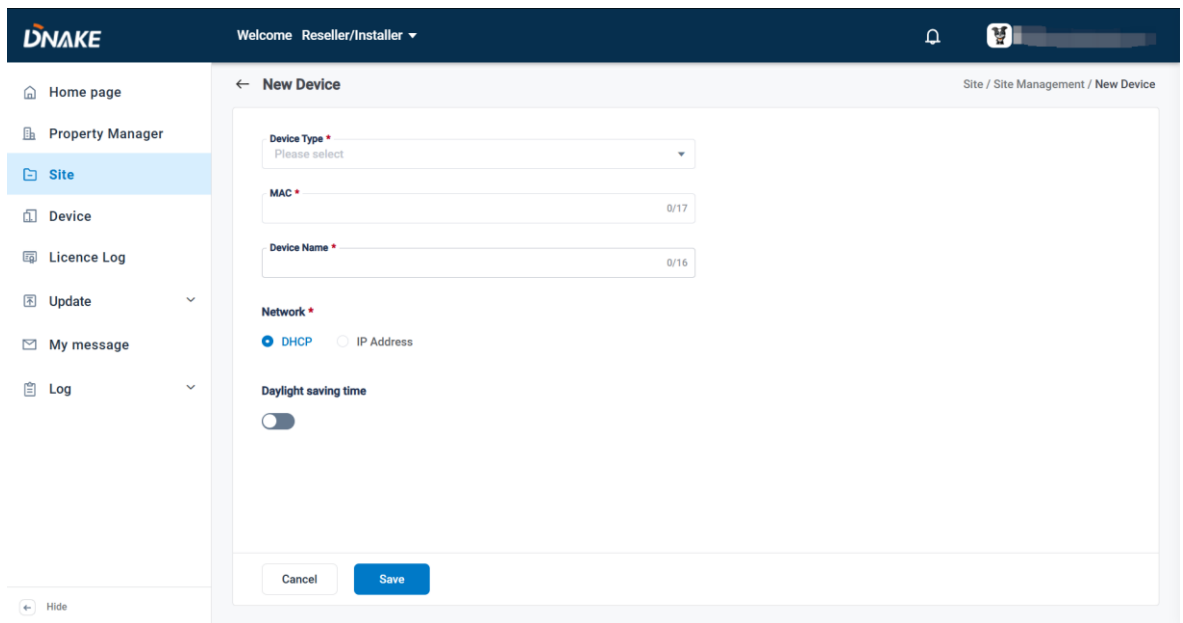
delivery room and parking lot.

1. Here are the steps to create a community

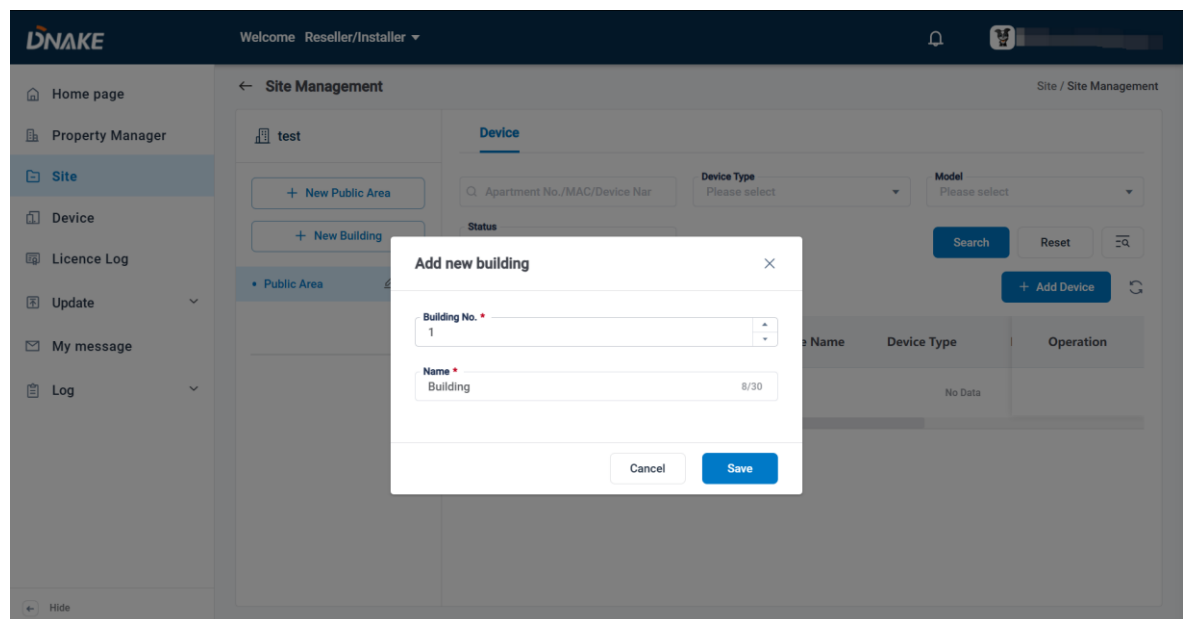
- ◆ Step 1: Click New Public Area to create a new public area or directly rename the existed public area. Then click the Public Area you' ve created to manage the devices inside.



- ◆ Step 2: Click Add Device, then select or fill in the device basic information like device type, MAC address and device name, etc. Then click save to finish it.



- ◆ Step 3: Go back to site management page and click New building to add a new building. Then select the building number and fill in the building name.



- ◆ Step 4: Click the building you' ve created and click Add Apartment to add a new apartment. Apartment number and license selection are necessary when creating a new apartment.

- ◆ Step 5: You can select to add a new resident on the same page.

The screenshot displays the DNAKE Site Management interface. On the left, a sidebar menu includes 'Home page', 'Property Manager', 'Site', 'Device', 'Licence Log', 'Update', 'My message', and 'Log'. The 'Site' menu is selected, leading to the 'Site Management' page. The page has a header with 'Welcome Reseller/Installer' and a user profile icon. The main content area is titled 'Site Management' and shows a list of sites. A red arrow points to the '1 - Building' entry in the list. Another red arrow points to the '+ Add Apartment' button in the top right corner of the main content area. Below the main content area, a 'New Apartment' form is shown. The form contains fields for 'Building No.' (with a dropdown showing '1 - Building'), 'Unit No.', 'Apartment No.', and 'License Selection' (with a dropdown showing 'Please select'). A red arrow points to the 'Add the resident (householder) to this apartment by the way' link. At the bottom of the form are 'Cancel' and 'Save' buttons.

Noted: Without Indoor Monitor license must be selected when there is no indoor monitor online on the cloud, and that With Indoor Monitor license

should be chosen when there is indoor monitor available. For scenarios involving no calls, such as learning or testing purposes, "Not use" can be selected. Once a license **With** or **Without Indoor Monitor** is selected, the choice cannot be modified. If modification is required, the original apartment (apt) must be deleted and re-added. However, deleting the apartment will result in the removal of all residents within the corresponding room.

- ◆ Step 5: Click Device, then Add Device to add a new device.

The screenshot displays the 'Site Management' interface. On the left, there is a sidebar with a 'test' label and buttons for '+ New Public Area' and '+ New Building'. Below these, there are sections for 'Public Area' and '1 - Building'. The main content area has three tabs: 'Apartment', 'Device' (which is selected and highlighted with a red arrow), and 'Resident'. Under the 'Device' tab, there are search filters for 'Apartment No./AC/Device Name', 'Unit No.', 'Device Type', 'Model', and 'Status'. There are 'Search', 'Reset', and 'Add Device' buttons. A table below shows columns for 'ing/Unit/Apartment', 'Device Name', 'Device Type', 'Model', 'Status', and 'Operation'. The table currently displays 'No Data'. A red arrow points to the '+ Add Device' button.

←

New Device

Device Type *

Door Station

▼

MAC *

0/17

Building No. *

1 - Building

▼

Unit No.

Please select

▼

Device No. *

1

▲▼

Integer between 1-99

Device Name *

0/16

Network *

☒ DHCP
 ☐ IP Address

Daylight saving time

☐

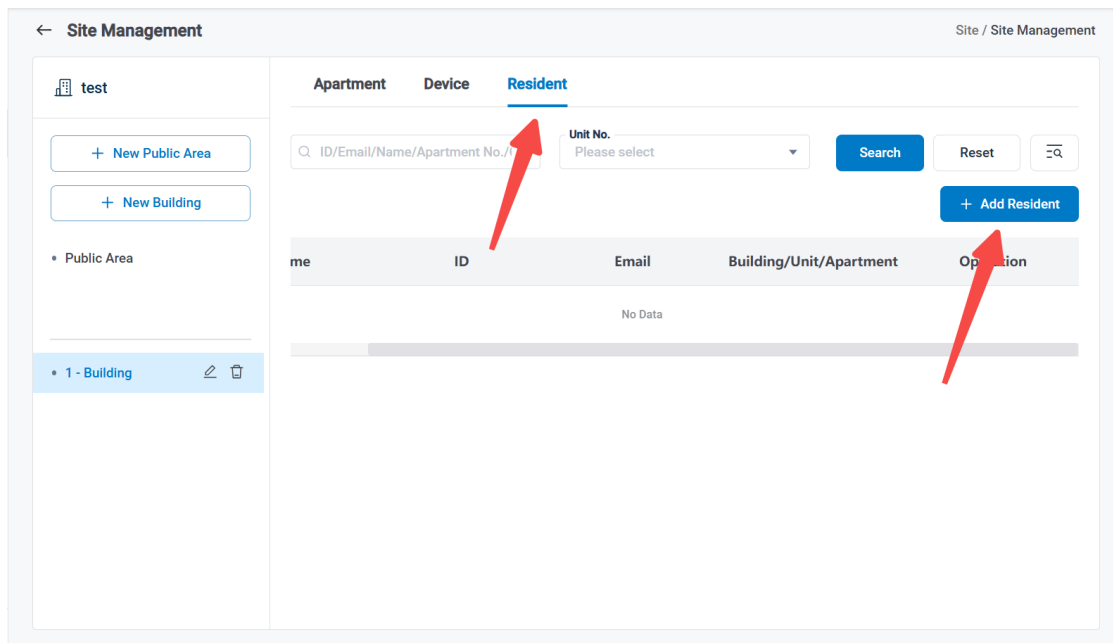
Cancel

Save

Noted: Indoor Monitor can receive call via SIP Server

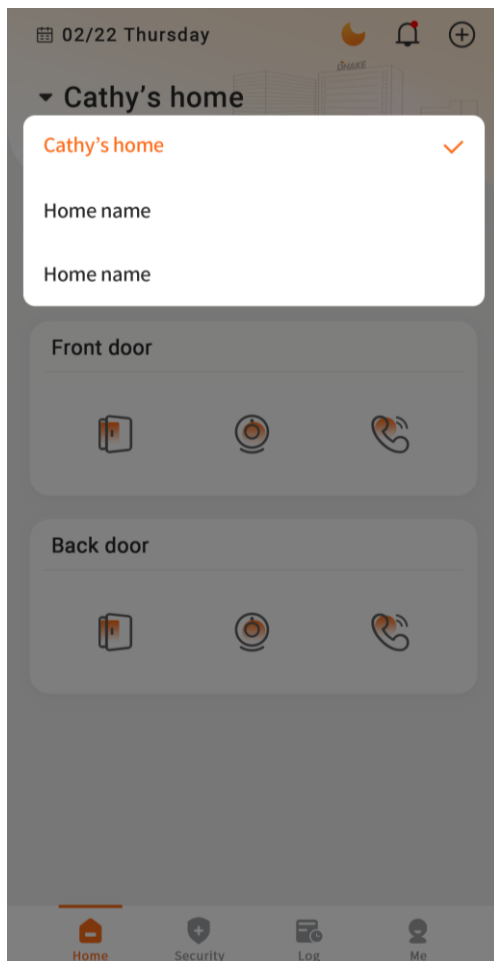
The indoor monitor support received the call via local network and SIP server. The benefit of SIP Server is that door station and indoor monitor support public network calling, allowing communication between devices even when they are not within the same local area network (LAN). Devices can operate across different networks, providing greater deployment options.

◆ Step 6: Click Resident, then Add Resident to add a new resident.



Noted: The cloud platform now supports using a single email account to join multiple households. The same account can act as the owner or a family member in up to 20 different households.

Additionally, a single email account can serve both as a household owner or member and as a community property manager at the same time.



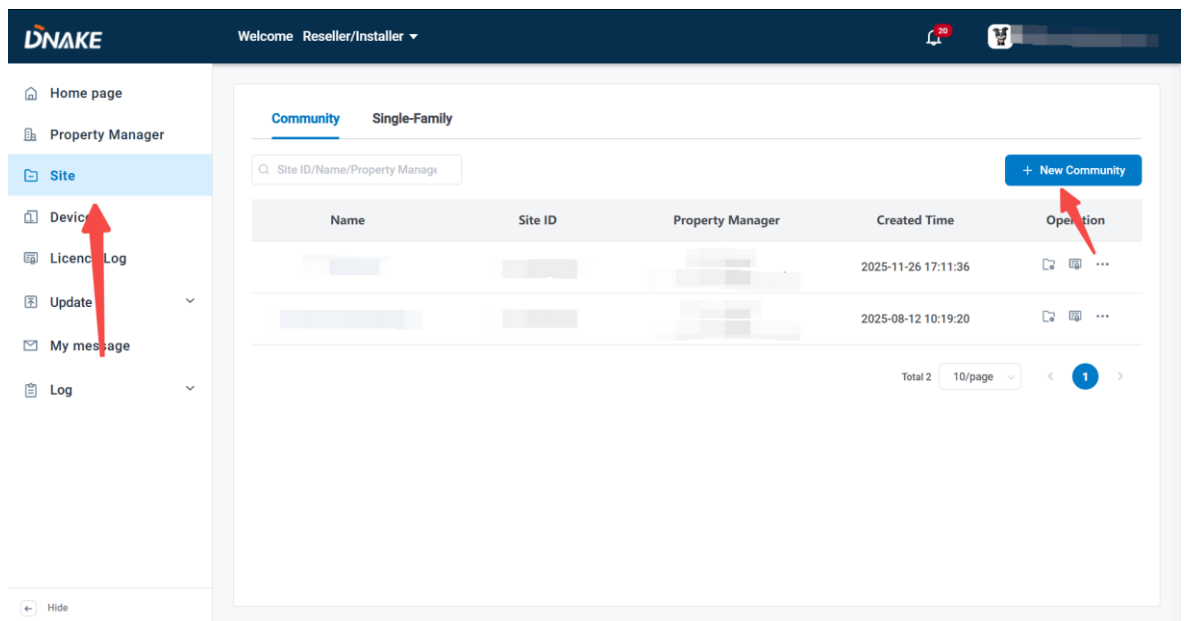
5.3.5 QR code for tenant self-registration

The system supports generating a unique QR code for each tenant. By simply scanning the QR code, tenants can independently complete the APP registration, bind their resident information, and associate with the devices—without requiring the property manager to manually enter email addresses or create accounts.

1. Here are the steps to generate a QR code for tenant self-registration

◆ Step 1: Go to Site and create a community. Fill in the necessary information

including name, country/region. And enable Register Account in the APP.



← Site / New Community

Community name *
0/30

Country/Region *
Please select

Property Manager
Please select

Email
0/60

Phone
0/15

Building structure
Building/Unit/Apartment

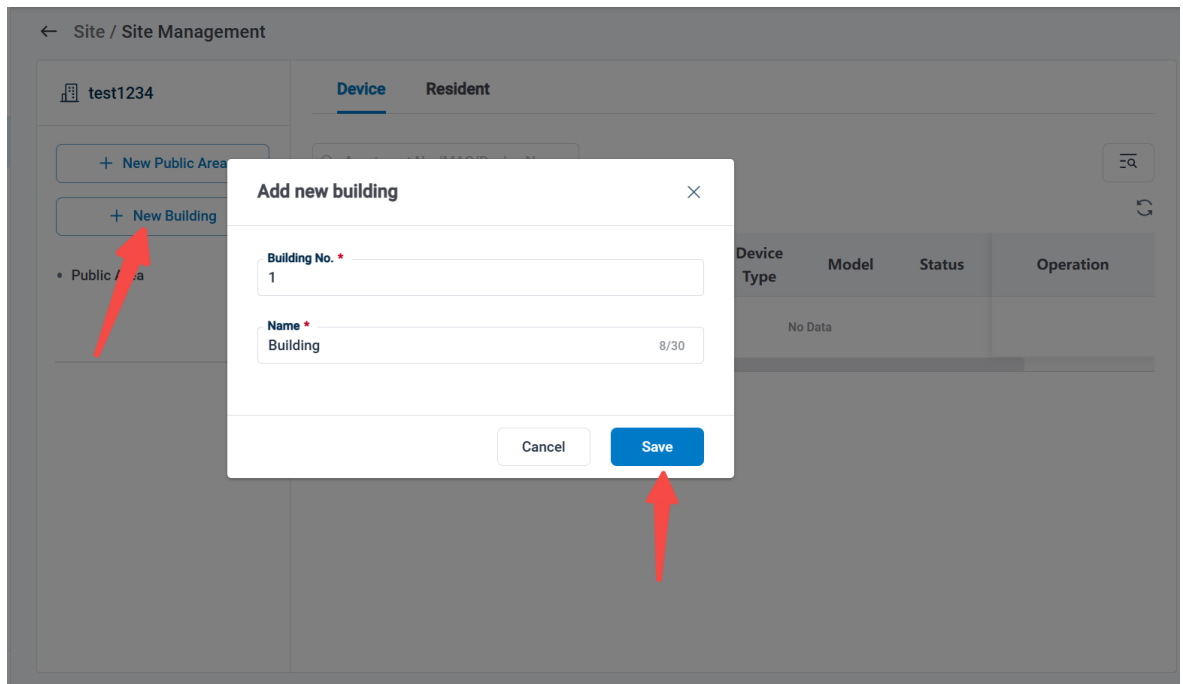
Resident Permissions

☐ Register Face ID in the APP
☐ Register Account in the APP

Cancel

Save

- ◆ Step 2: Go to the site created and create a new building.



- ◆ Step 3: Select the building created and create a new apartment. And after selecting No Use or Without Indoor Monitor, Generate Apartment QR Code will be shown. Enable it and set the scannable times.

← Site / Site Management / New Apartment

Building No. *
1 - Building

Apartment No. *
Please fill in Apartment No.

License Selection *
Without Indoor Monitor

Generate Apartment QR Code
☒

QR Code Expire Date
2025-12-03

Number of QR Code Scans
5

Add the resident (householder) to this apartment by the way

Cancel

Save

- ◆ Step 4: Click details of dedicated apartment, the QR code will be shown. It's allowed to download the QR code.

← Site / Site Management

+ New Public Area

+ New Building

• Parking Lot

• 1 - Building

Apartment

Device

Resident

Import Apartment

+ Add Apartment

Building/Unit/Apartment	Call Type	Resident	Operation
1/1/3	App	0	<div> <div></div> <div></div> <div></div> </div>
1/1/2	-	1	<div> <div></div> <div></div> <div></div> </div>

Total 2

10/page

1

>

44

Apartment Details

Apartment Info

Building No.:

1 - Building

Unit No.:

1


Apartment No.:

2

Family Members:

1

Apartment QR Code:



1-Building/1/2

[Download](#)

QR Code Expire Date:

2025-12-31

Remaining QR code scan times:

5

Other Info

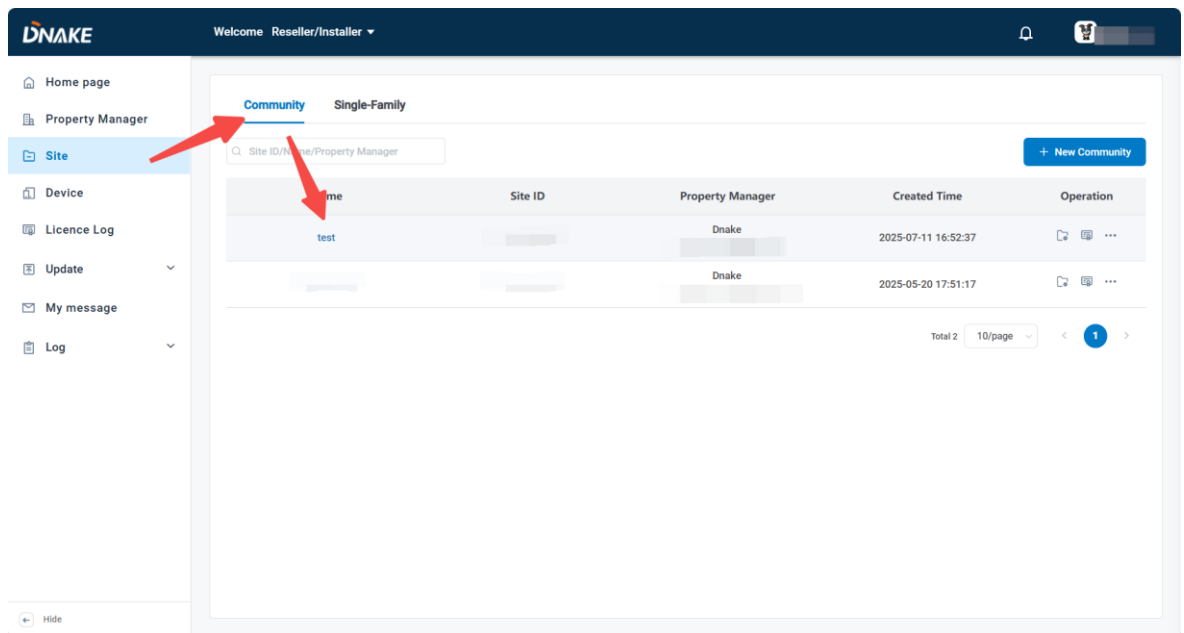
License Selection:

Without Indoor Monitor

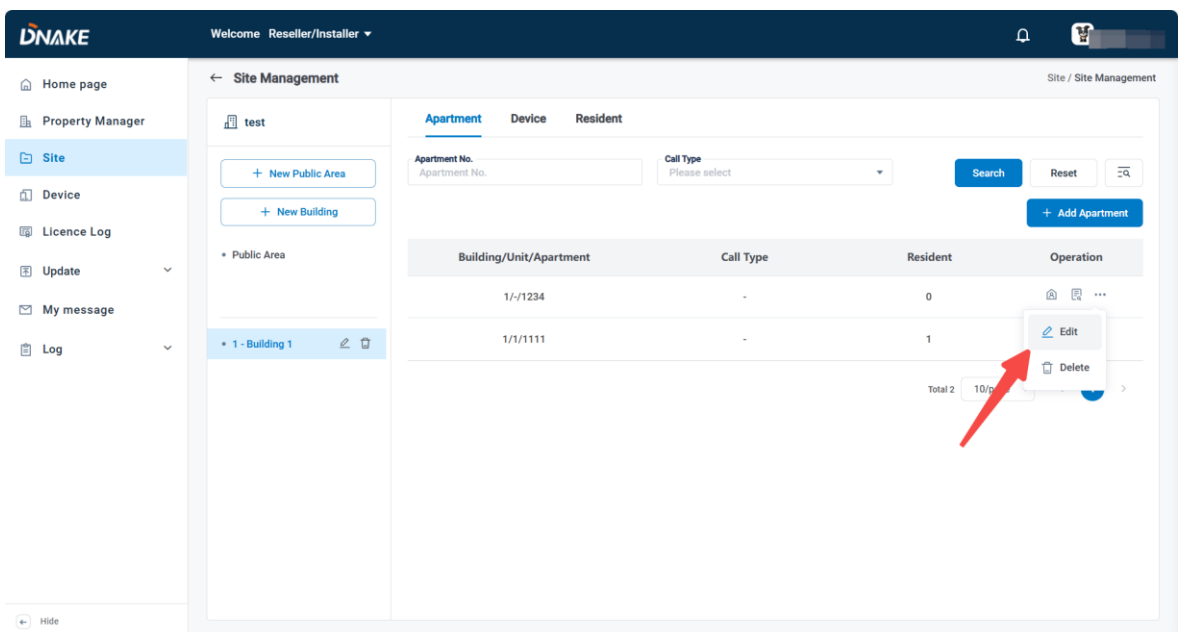
5.3.6 Landline

1. Here are the steps to enable landline feature

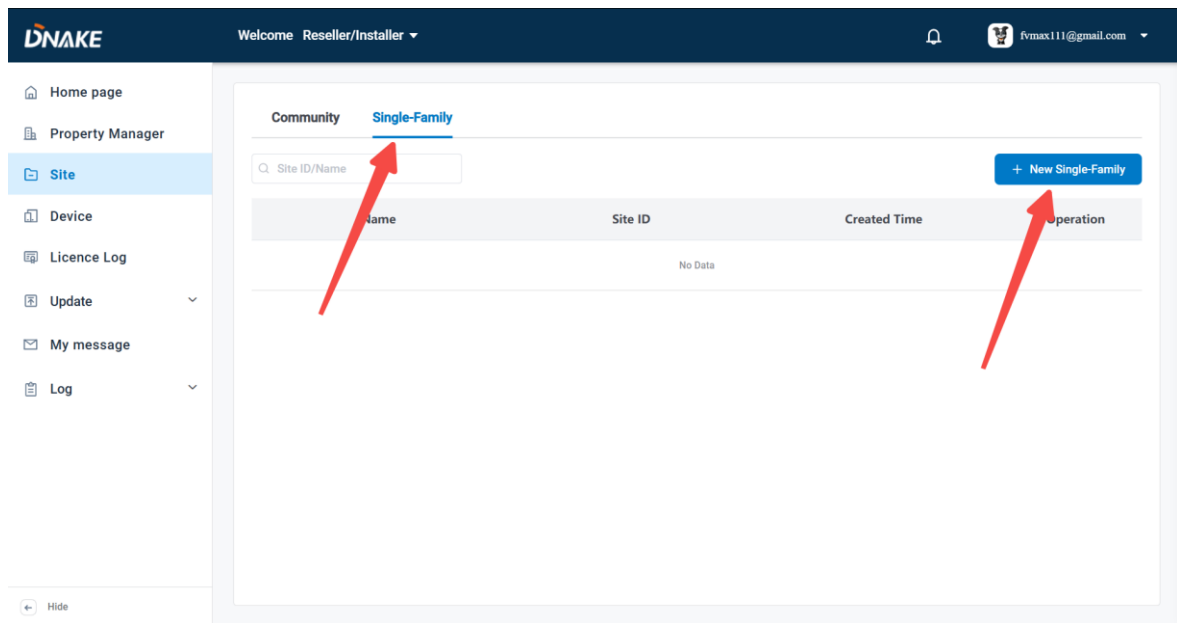
- ◆ Step 1: Make sure the device added can support landline feature.
- ◆ Step 2: Navigate to Site , click Community, select the desired community, then choose the corresponding building to check the apartments.



- ◆ Step 3: Click Edit to open the settings for the apartment you want to configure landline



- ◆ Step 4: Enable Value-added Services, then select the call type and fill in the phone number you want to use



- ◆ Step 2: Click Single-Family, then New Single-Family to add a new single-family. Name, country/region and license selection are necessary. You can select to add device to this site on the same page.

← New Single-Family

Name *

0/30

Country/Region *

Please select

Language *

English

License Selection *

Please select

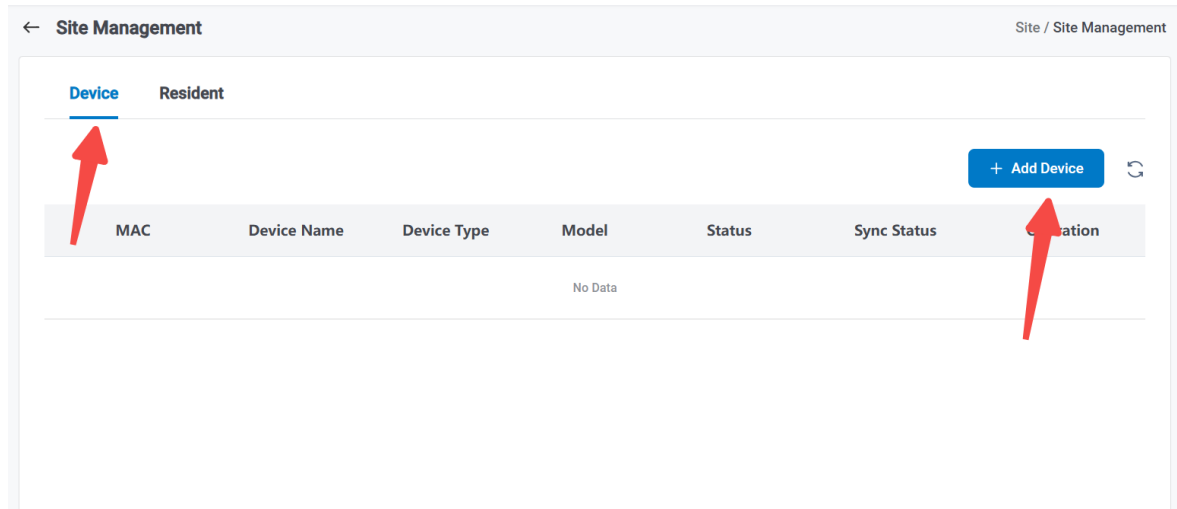
?

Add the device to this site by the way ▾

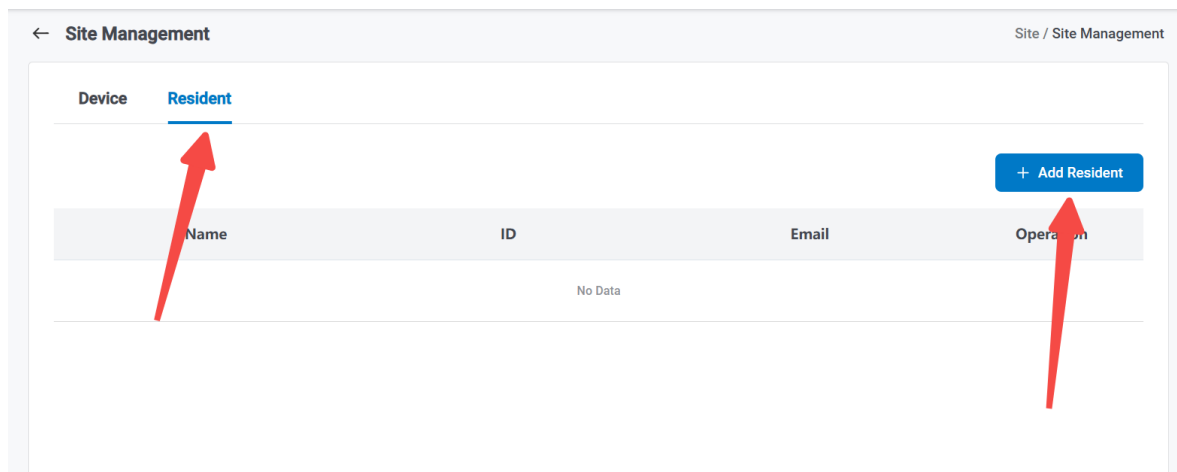
Cancel

Save

- ◆ Step 3: Click Device, then Add Device to add a new device to this site.



- ◆ Step 4: Click Resident, then Add Resident to add a new resident.



←

New Resident

Name *

0/30

APP Function

☒

?

Email *

0/60

Phone

(Albania) +355

▼

Please fill in Phone

0/16

Language *

English

▼

(Email send to users will be in language users choose)

Cancel

Save

5.3.6 Report Device Anomalies

1. It is used to send a report to the administrator' s email when an abnormality occurs on the device.

DNAKE

Welcome Reseller/Installer

Home page

Property Manager

Site

Device

Licence Log

Update

My message

Log

←

New Community

Access Control Permission

☐

Config Private Devices on the Platform

Remote Management

☒

?

Daylight saving time

☐

Syno Resident to phonebook by default

☐

?

Report Device Anomalies

☒

?

Thresholds for ON/OFF Line Anomaly *

5

?

Report to 1st Email *

0/40

Report to 2nd Email

0/40

Report to 3rd Email

0/40

Remarks

0/200

Cancel

Save

Note

Description

It is used to configure whether to send a report to the administrator when an abnormality occurs on the device.

Configuration

Valid values : Enable/Disable

Default value : Disable

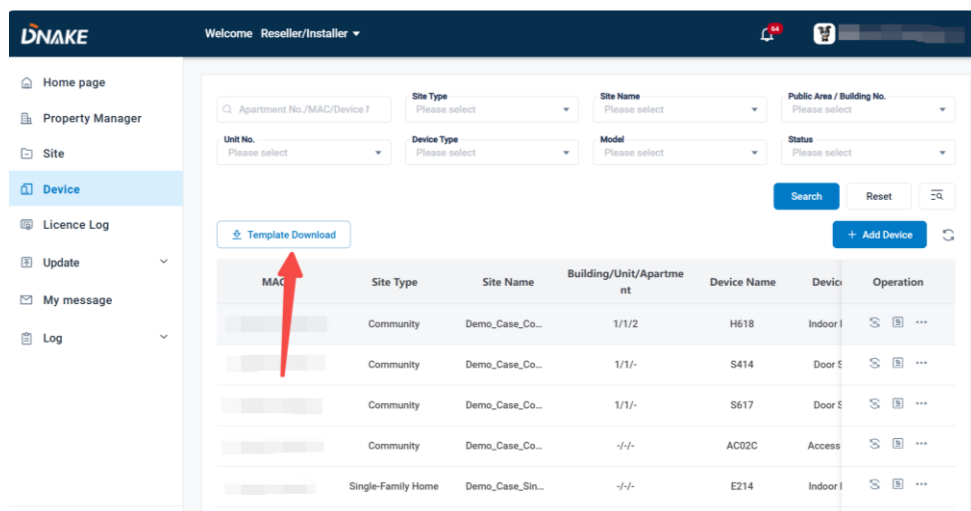
5.4 Device

5.4.1 Add Device

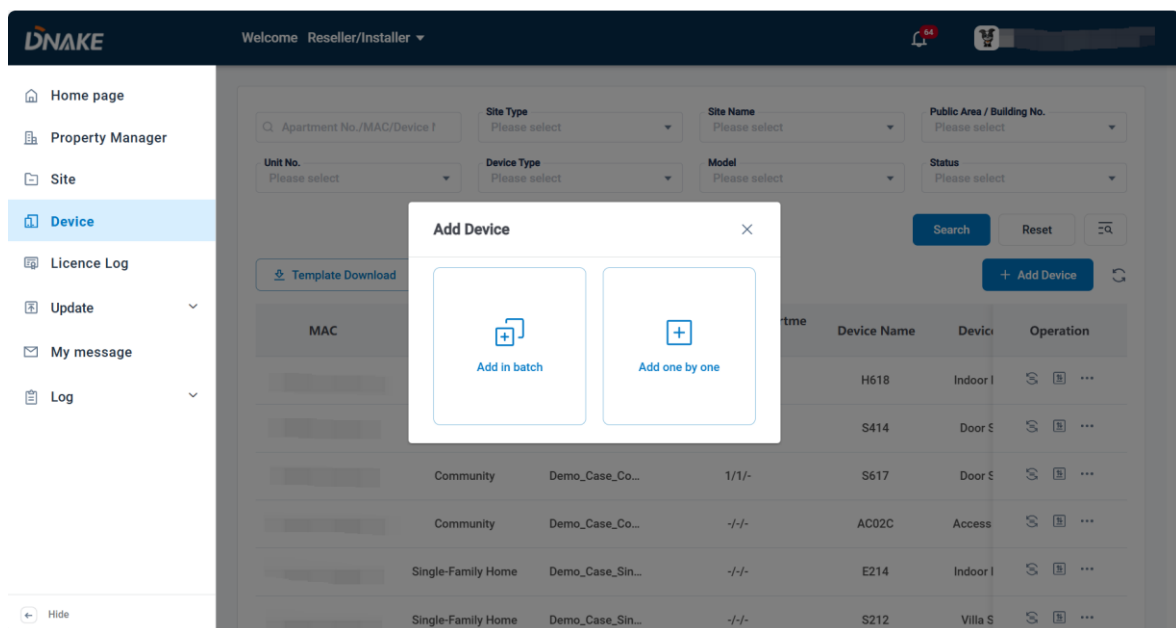
5.4.1.1 Add in batch

1. Here are the steps to add devices in batch

Step 1: Go to Device column and click Template Download to fill in the devices' information.



Step 2: Click Add Device, Add in batch, then upload the template to add devices to this site.

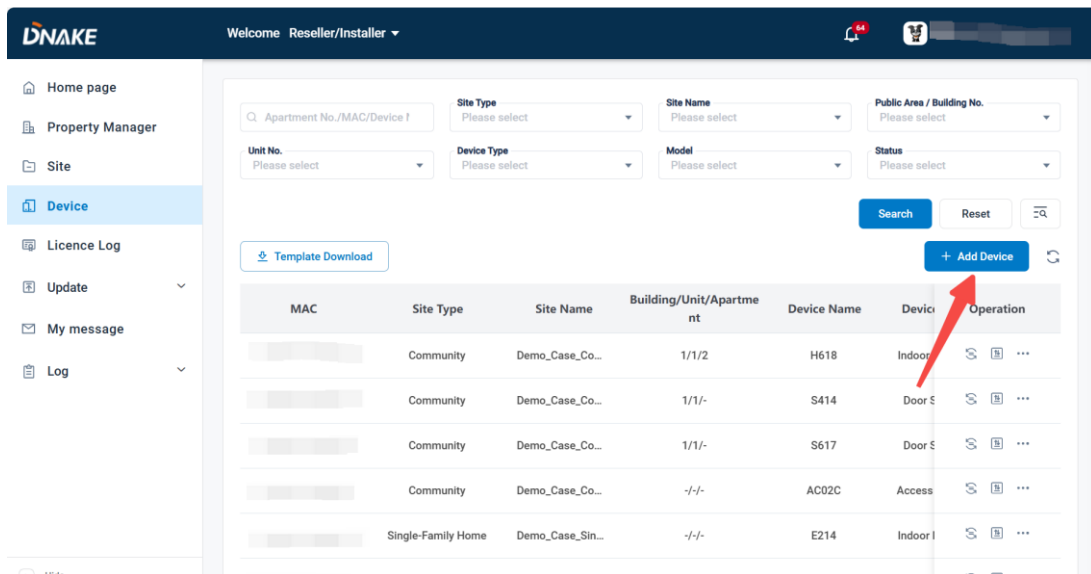


Noted: Indoor Monitor can receive call via SIP Server

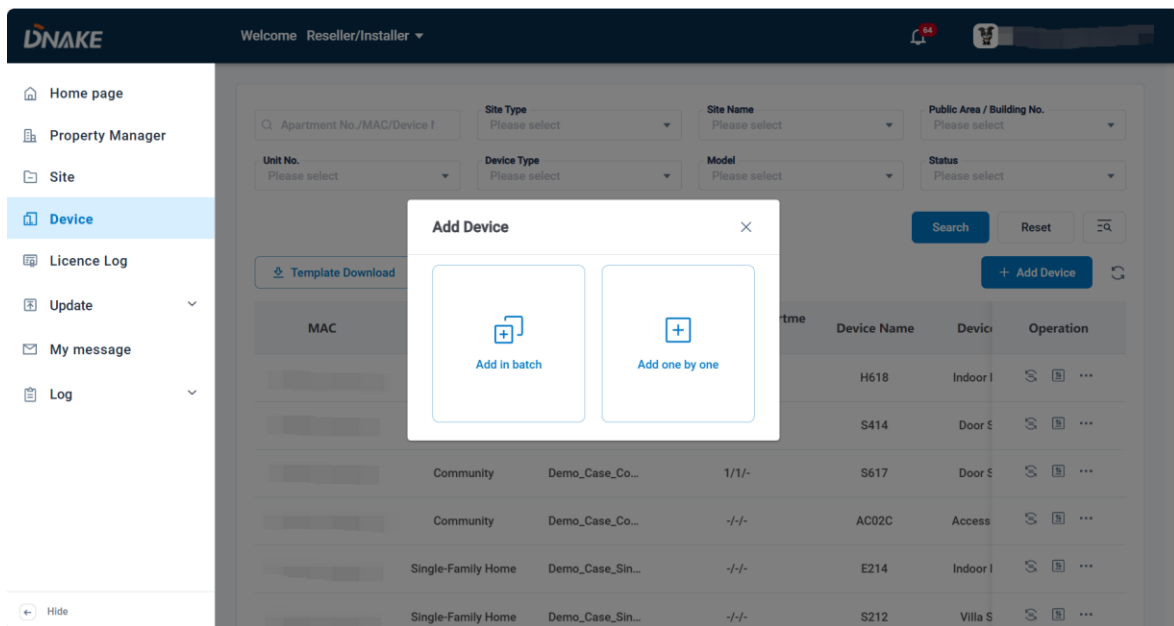
The indoor monitor support received the call via local network and SIP server. The benefit of SIP Server is that door station and indoor monitor support public network calling, allowing communication between devices even when they are not within the same local area network (LAN). Devices can operate across different networks, providing greater deployment options.

5.4.1.2 Add one by one

- ◆ Step 1: Step 1: Go to Device column and click Add Device to add a device.



◆ Step 2: Click Add one by one.



◆ Step 3: Select the site and fill in device's information. Device Type, MAC address, device number and device name should be filled in or chosen according to your device and needs. All of the other settings will be synced to your device.

New Device

Site *
Ana

Device Type *
Door Station

MAC *
0/17

Device No. *
1
Integer between 1-99

Device Name *
0/16

Network *
☒ DHCP ☐ IP Address

Daylight saving time
☐

Cancel Save

Noted: When adding devices to **Community**, the **Applying Area** option allows you to specify whether the device is **Private** or **Public**.

- **Private:** The device cannot be added to the **Access Rule** by the property manager. It will not appear in the device list under **Access Rule**.
- **Public:** Vice versa.

5.4.1.3 Automatic Device Deployment to the Cloud Platform

- ◆ Step 1: Create a project on the cloud platform. For detailed instructions, refer to section 5.3.1.
- ◆ Step 2: Enter the SiteID in the designated field and enable "Automatic Deployment" by toggling the switch. Then, fill in the Building No, Unit No, and

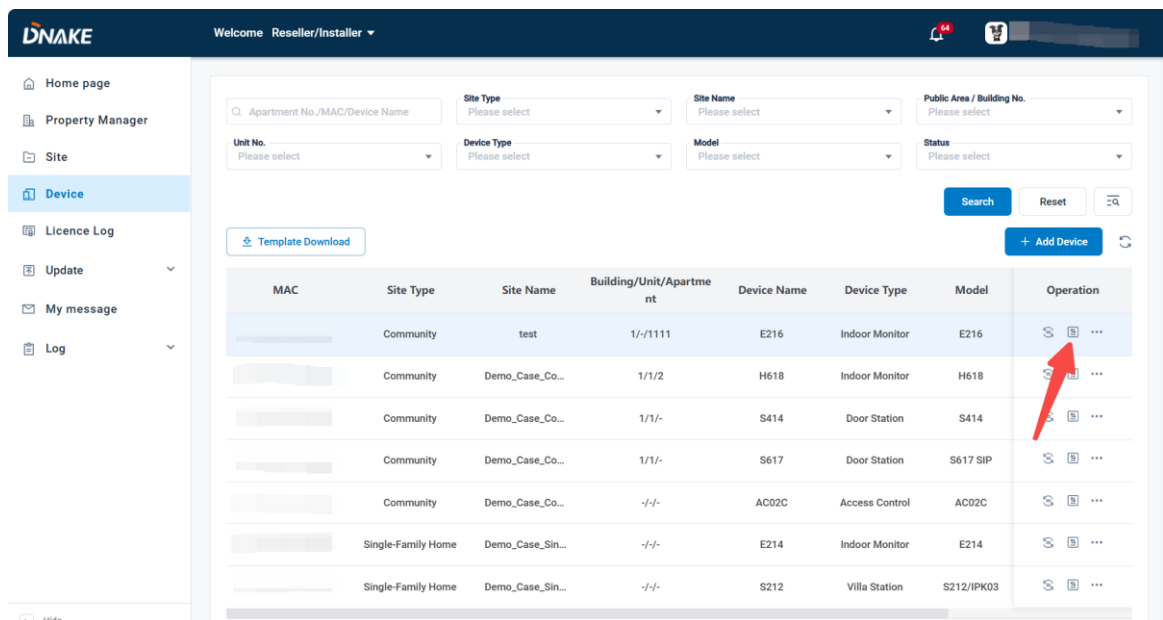
Room No fields accordingly.

5.4.2 Replace device

It's only supported to replace device with same model.

1. Here are the steps to replace a device

- ◆ Step 1: Go to Device column and click Replace Device to replace this device.



MAC	Site Type	Site Name	Building/Unit/Apartment	Device Name	Device Type	Model	Operation
	Community	test	1/-/1111	E216	Indoor Monitor	E216	⚙️ 📄 ⋮
	Community	Demo_Case_Co...	1/1/2	H618	Indoor Monitor	H618	⚙️ 📄 ⋮
	Community	Demo_Case_Co...	1/1/-	S414	Door Station	S414	⚙️ 📄 ⋮
	Community	Demo_Case_Co...	1/1/-	S617	Door Station	S617 SIP	⚙️ 📄 ⋮
	Community	Demo_Case_Co...	-/-/-	AC02C	Access Control	AC02C	⚙️ 📄 ⋮
	Single-Family Home	Demo_Case_Sin...	-/-/-	E214	Indoor Monitor	E214	⚙️ 📄 ⋮
	Single-Family Home	Demo_Case_Sin...	-/-/-	S212	Villa Station	S212/IPK03	⚙️ 📄 ⋮

- ◆ Step 2: Fill in MAC address of the new same-model device. You can also change its network.

Replace Device

×

1

Add New Device

2

Transfer Data

* MAC :

* Device Type :

* Device No. :

Site :

* Building No. : Integer between 1-999

Unit No. : Integer between 0-99

* Apartment No. : Integer between 0-9899

* Master or Slave :

* Device Name :

* Associated Security : ☒ Associated ☐ Not associated

* Network : ☒ DHCP ☐ IP Address

Cancel

Save and Next

- ◆ Step 3: The platform will check the status of the device.

Device Status

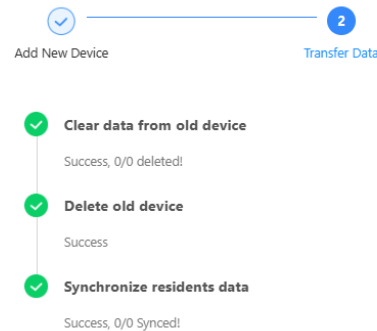


Device online

OK

- ◆ Step 4: After that, the data will be transferred to the new one.

Replace Device

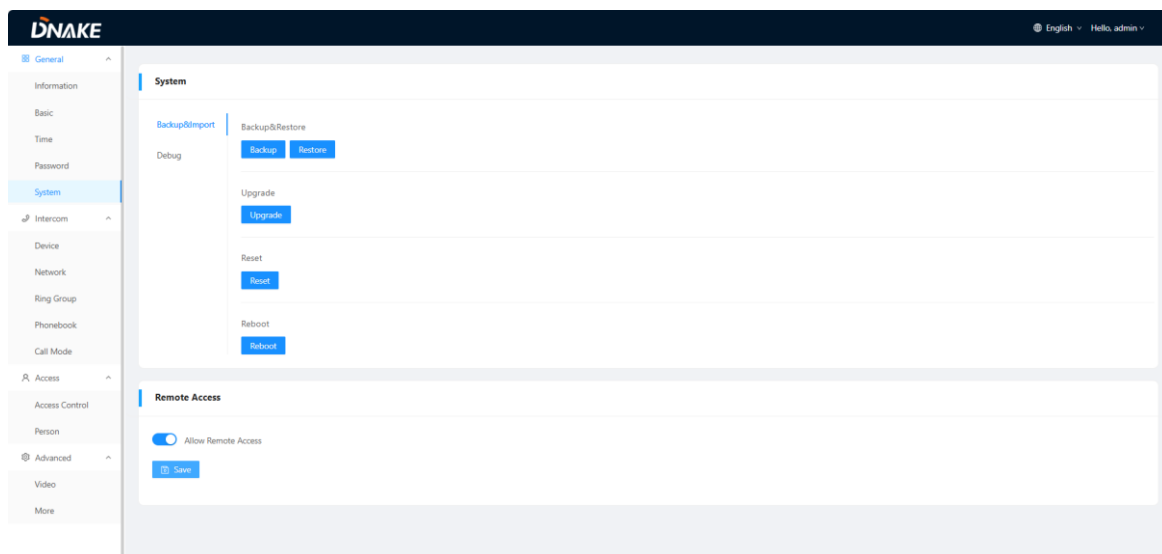


Finish

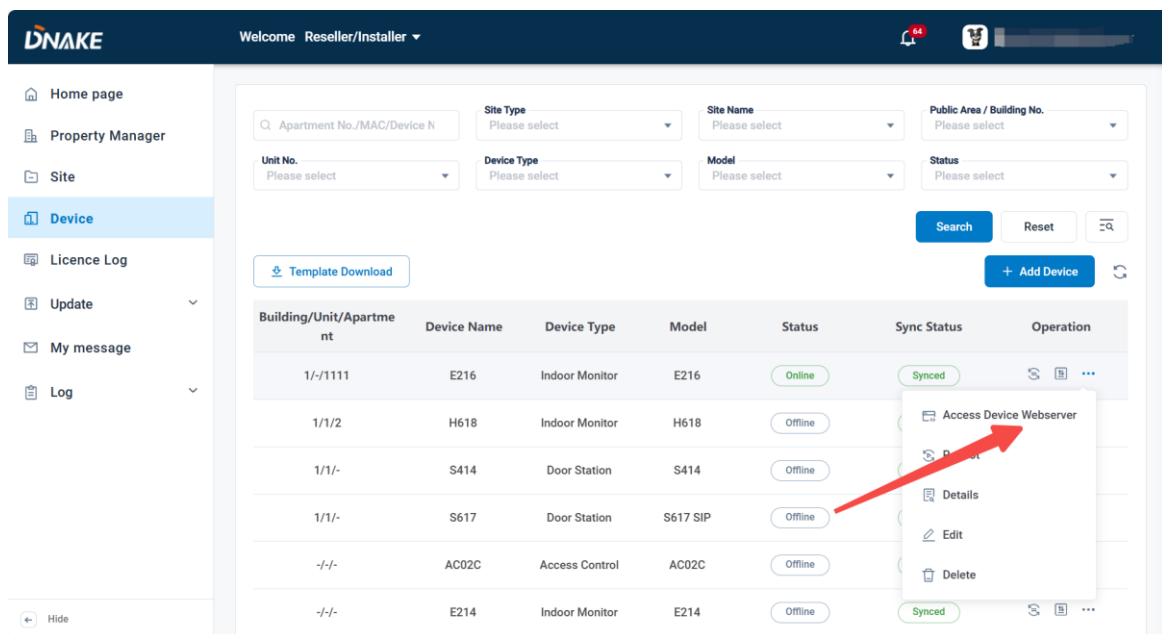
5.4.3 Access device webserver

1. Here are the steps to access device webserver

- ◆ Step 1: Make sure the device firmware is the latest with FRP service.
- ◆ Step 2: Visit device' s config page with its IP address locally. The default account is admin and password is 123456.
- ◆ Step 3: Go to System > Remote Access to allow this feature.



- ◆ Step 4: Go back to cloud platform' s Device > More > Access Device Webserver



- ◆ Step 5: Click Open to browse. The device webserver will open in a new window. Access will remain valid for 30 minutes.

Device Webserver



* The device webserver will open in a new window. Access will remain valid for 30 minutes. After the timeout, further operations will be disabled.

Open

5.4.4 Device Relay Setting

- ◆ Step 1: Go to Device column and click More > Relay Setting behind the device to configure the relay.

The screenshot shows the DNAKE web interface. On the left is a sidebar with navigation options: Home page, Property Manager, Site, Device (selected), Licence Log, Update, My message, and Log. The main content area has a header with 'Welcome Reseller/Installer' and a search bar. Below the header are filters for 'Apartment No./MAC/Device N', 'Site Type', 'Site Name', 'Unit No.', 'Device Type', and 'Model'. A 'Template Download' button is also present. The main table lists devices with columns: MAC, Site Type, Site Name, Building/Unit/Apartment, Device Name, and Door Status. A dropdown menu is open for the first device, showing options: Access Device Webserver, Relay Setting (highlighted with a red arrow), Reboot, Details, Edit, and Delete.

MAC	Site Type	Site Name	Building/Unit/Apartment	Device Name	Door Status
[REDACTED]	Community	test	1/-/-	S615 SIP	Door Sta
[REDACTED]	Community	test	1/-/1111	E216	Indoor Mc
[REDACTED]	Community	Demo_Case_Co...	1/1/2	H618	Indoor Mc
[REDACTED]	Community	Demo_Case_Co...	1/1/-	S414	Door Sta
[REDACTED]	Community	Demo_Case_Co...	1/1/-	S617	Door Sta

- ◆ Step 2: Select the replays you need and configure the relay and dry contact by yourself. When residents log in to Smart Pro and click the unlocking button of the entrance device, relays with inactive status in the relay list will be hidden. When there is only one relay in an "active" state on the entrance device,

clicking the unlocking button will skip the relay list selection and directly unlock the door.

Relay Setting

Relay Configure

Status	Relay No.	Name	DTMF	Unlock Delay	Unlock Time
<input checked="" type="checkbox"/>	Relay1	Relay1 6/20	#	0S	3S
<input checked="" type="checkbox"/>	Relay2	Relay2 6/20	0	0S	3S
<input checked="" type="checkbox"/>	Relay3	Relay3 6/20	*	0S	3S

Dry Contact Input Configure

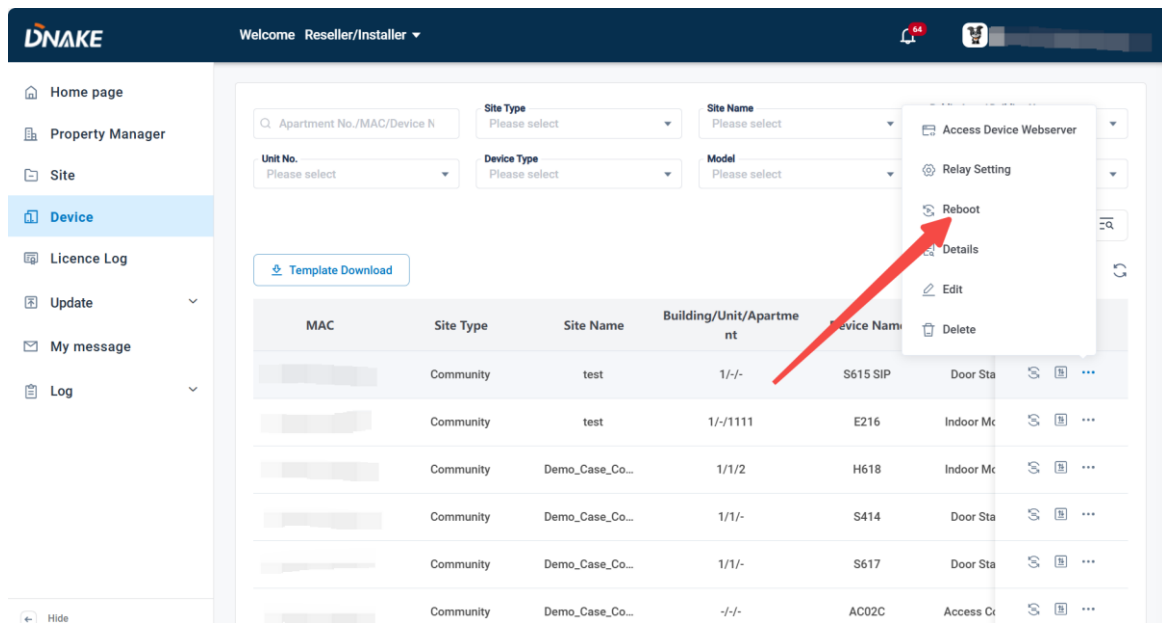
Dry Contact Input	Type	Action
Dry Contact Input1	Exit Button	Relay1
Dry Contact Input2	Exit Button	Relay2
Dry Contact Input3	Exit Button	Relay3

Cancel

OK

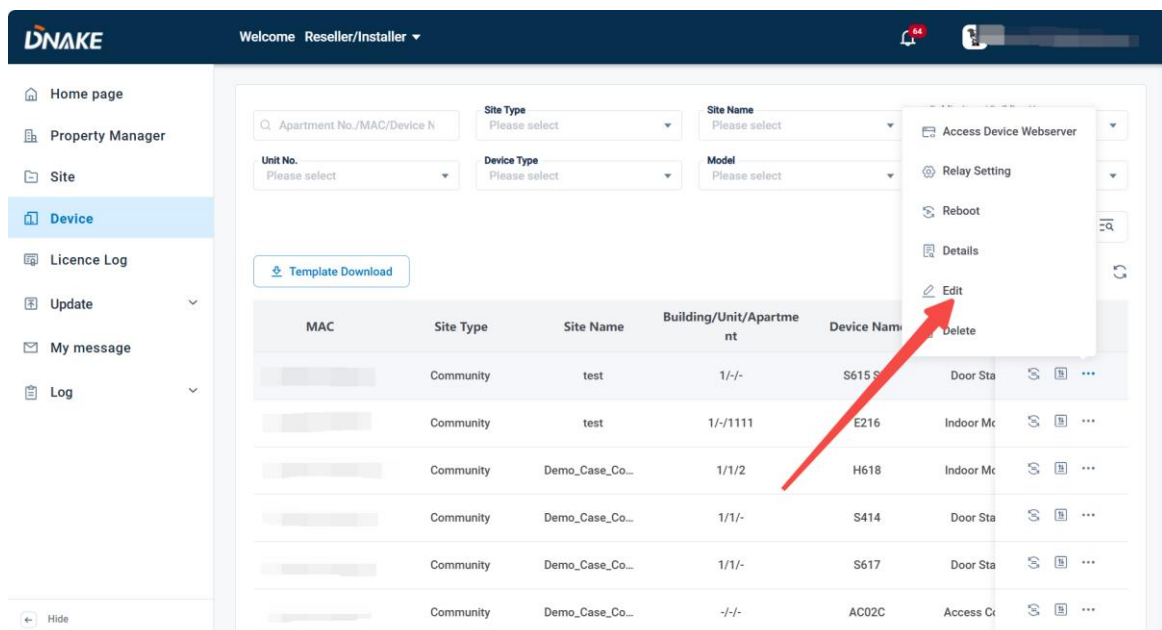
5.4.5 Reboot the device.

- ◆ Step 1: Go to Device column and click More > Reboot behind the device to configure the relay.



5.4.6 Enable Daylight Saving Time

- ◆ Step 1: Click More, then Edit.



- ◆ Step 2: Enable daylight saving time.

Edit Device

MAC *

Public Area / Building No. *

Unit No. *

Device No. *

Integer between 1-99

Device Name *

Network *

☒ DHCP ☐ IP Address

Daylight saving time

☐

Cancel OK

5.5 License Log

1. You can check the amount of license you have and license log.

Licence Log

15 With Indoor Monitor

13 Without Indoor Monitor

16 Value-added Services

5 Remote Management

Source/Destination Time Start Time End Time Type Please select

Operation Please select

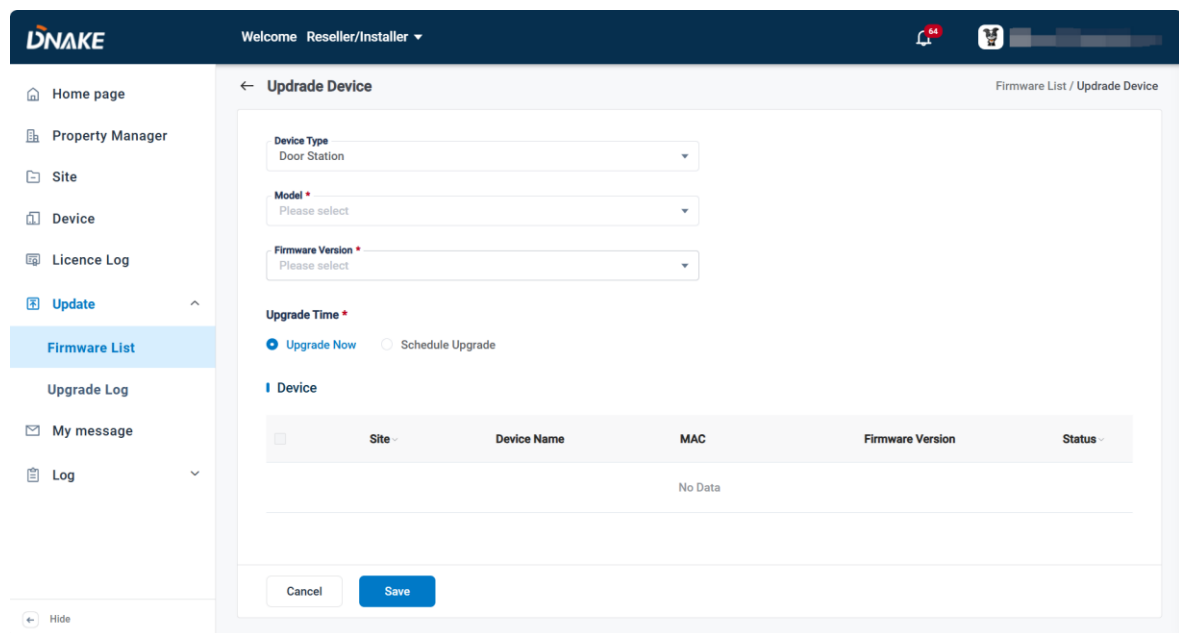
Search Reset

Export

Item	Time	Type	Operation	Amount	Source/Destination	Holdings	Remarks
1	2025-08-18 08:14:45	With Indoor Mon...	Issued To Subor...	-1		15	-
2	2025-08-18 08:14:45	Without Indoor ...	Recovered By Su...	+1		13	-
3	2025-08-14 21:22:54	Without Indoor ...	Issued To Subor...	-1		12	-
4	2025-08-13 11:27:06	With Indoor Mon...	Recovered By Su...	+1	1	16	-
5	2025-08-13 11:27:06	Without Indoor ...	Recovered By Su...	+1	1	13	-

5.6 Update-Firmware List (OTA)

1. Choose the corresponding Device Type, Model and Firmware Version according to the device. After choosing, the devices can be selected to upgrade and Upgrade Time can also be set.



Upgrade Device

Device Type: Door Station

Model: Please select

Firmware Version: Please select

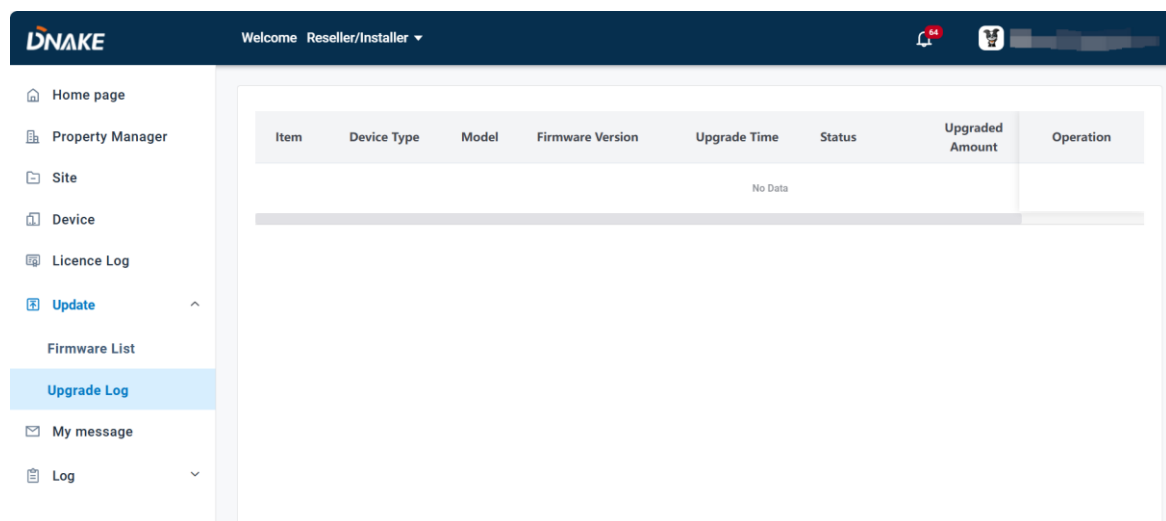
Upgrade Time: ☒ Upgrade Now ☐ Schedule Upgrade

Site	Device Name	MAC	Firmware Version	Status
No Data				

Cancel Save

5.7 Update-Upgrade Log (OTA)

1. The log of upgrade.

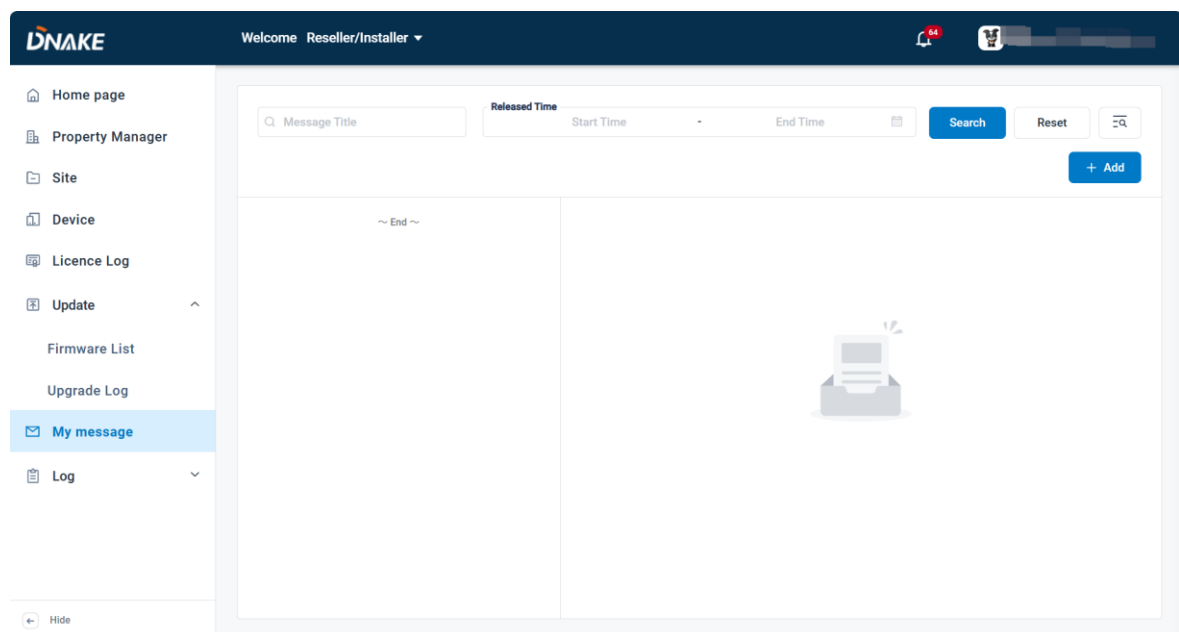


5.8 My message

5.8.1 Send messages to property manager

1. Here are the steps to send messages to property manager

- ◆ Step 1: Go to My message column and click Add to edit a message.



- ◆ Step 2: Fill in message title and message content. Choose the recipient and the

delivery time.

The screenshot shows the 'New Message' form in the DNAKE interface. The form has a sidebar with navigation links: Home page, Property Manager, Site, Device, Licence Log, Update, My message (selected), and Log. The main form area contains fields for 'Message Title', 'Delivery Time' (with 'Send now' selected), 'Recipient', and 'Message Content'. At the bottom are 'Cancel' and 'Save' buttons. An 'Add Recipient' dialog is open on the right, showing a list of recipients under the 'Company' tab: Drake-Test, Property Manager A, and Jack. The dialog has 'Cancel' and 'OK' buttons at the bottom.

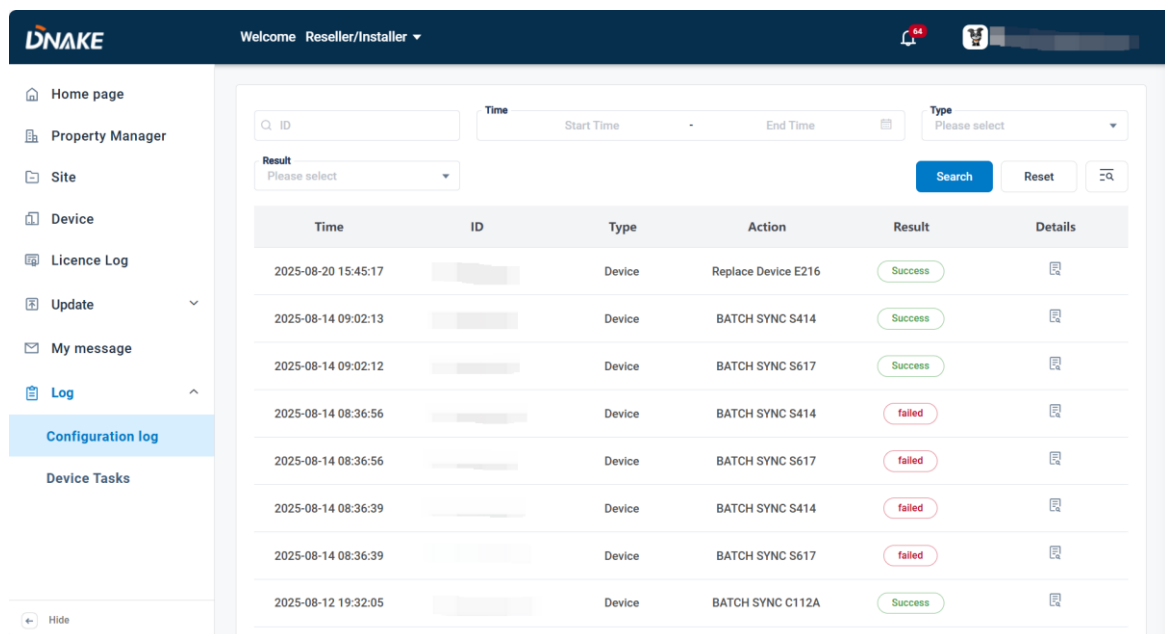
◆ Step 3: Click the message. You can check the message detail.

The screenshot shows the 'My message' list view in the DNAKE interface. The sidebar is the same as in the previous screenshot. The main area displays a list of messages. The first message is highlighted with a blue background and contains the following details: Recipient: Property, Created Time: 2025-08-20 16:16:15, Released Time: 2025-08-20 16:16:15, and a 'Sent' status. Below this message is a '~ End ~' separator. To the right of the highlighted message, there is a detailed view of the same message, showing the same information. At the top of the list view, there is a search bar and filters for 'Released Time' (Start Time and End Time) with 'Search', 'Reset', and '+ Add' buttons.

5.9 Log

5.9.1 Configuration log

1. You can check configuration logs of this community' s devices. You can view the records for recent one month.



Time	ID	Type	Action	Result	Details
2025-08-20 15:45:17		Device	Replace Device E216	Success	
2025-08-14 09:02:13		Device	BATCH SYNC S414	Success	
2025-08-14 09:02:12		Device	BATCH SYNC S617	Success	
2025-08-14 08:36:56		Device	BATCH SYNC S414	failed	
2025-08-14 08:36:56		Device	BATCH SYNC S617	failed	
2025-08-14 08:36:39		Device	BATCH SYNC S414	failed	
2025-08-14 08:36:39		Device	BATCH SYNC S617	failed	
2025-08-12 19:32:05		Device	BATCH SYNC C112A	Success	

5.9.2 Device tasks

1. Here records operation logs related to device management, including deletion and replacement activities, ensuring traceability and accountability.

Item	Task Type	Site	Device Name	Device Type	Residential Information	MAC	Submit Time	Status
1	Delete Device	test	C112A	Villa Station	1/1/1111		2025-08-12 19:17:13	Success
2	Delete Device	demo case	S617 SIP	Door Station	1/1/-		2025-07-25 16:15:19	Success
3	Delete Device	demo case	E217W	Indoor Monitor	1/1/1111		2025-07-25 16:15:15	Success
4	Delete Device	demo case	S213K	Villa Station	1/1/1111		2025-07-25 16:15:06	Success
5	Delete Device	demo case	C112	Villa Station	1/1/1111		2025-07-25 16:15:01	Success
6	Delete Device	demo case	S414	Door Station	1/1/-		2025-07-11 16:54:04	Success
7	Delete Device	test	S617	Door Station	1/1/-		2025-07-09 11:23:19	Success
8	Delete Device	test	E216D	Indoor Monitor	1/1/1111		2025-06-26 15:13:59	Success
9	Delete Device	test	E214E	Indoor Monitor	1/1/1111		2025-06-24 09:19:11	Success
10	Delete Device	test	E217W	Indoor Monitor	1/1/1111	A	2025-06-24 09:17:41	Success

5.10 Switch to Property Manager

1. Please make sure you linked the project to this Reseller/Installer account when creating it. After doing so, you may find you can switch to manage the project on the upper right corner. You can also switch back to Reseller/Installer.

Quick Operation

- Create New Community
- Create New Single-Family Home
- Add New Device
- Add New PropertyManager
- Post New Message

Device Online Offline

8 All Devices

- 2 Online
- 6 Offline

Door Station 1 2

Villa Station 0 1

Indoor Monitor 1 2

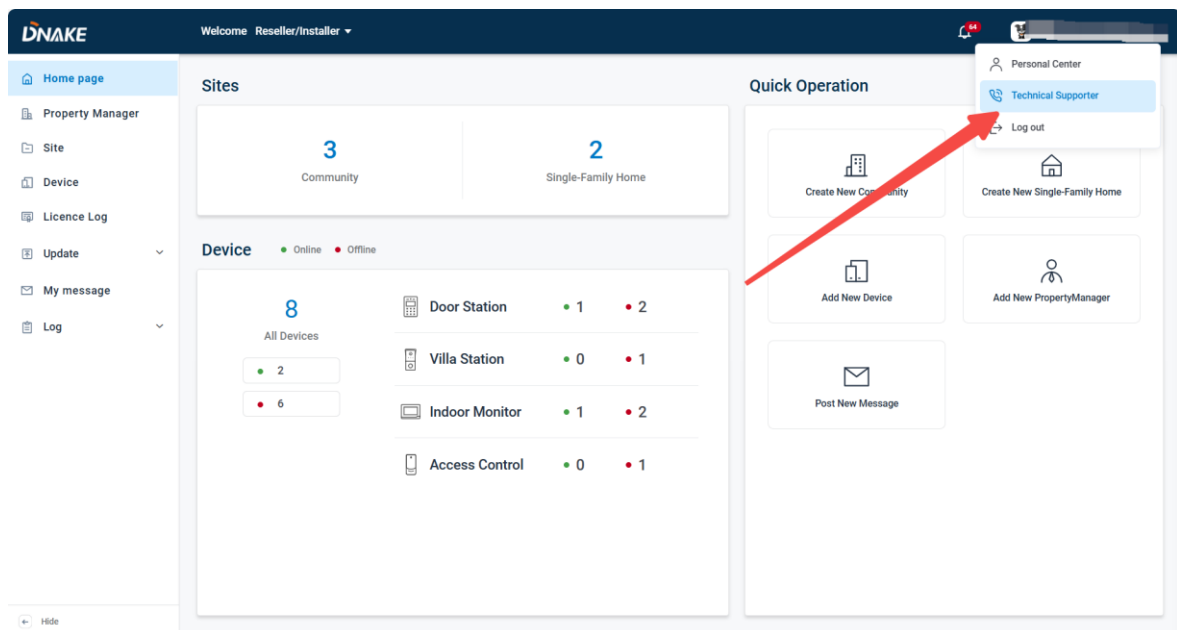
Access Control 0 1

Noted: In our system, a **site** can be defined as a **single-family house** or a **community**. A single-family house normally does not have property management, which means it cannot be managed under a property management account. By contrast, a community site is managed by property manager, so when we switch to the property management account, only **community** sites can be managed.

5.11 Technical Supporter


1. Here are the steps to create the contact for Property Manager to seek technical support.

◆ Step 1: Go to Account > Technical Supporter.



- ◆ Step 1: Fill in the information about the technical support.

Technical Supporter ×

 Leave contact information to property managers for technical support

Name 0/30

Phone Number 0/15

Email 0/60

Cancel OK

6. Property Manager

6.1 Home Page

The dashboard provides an overview of the system's main functions.

The screenshot shows the DNAKE Property Manager Home Page dashboard. The top navigation bar includes the DNAKE logo, a welcome message for 'Property Manager(test)', and icons for phone, bell, and user profile. The left sidebar lists navigation options: Home page (selected), Site, Access Control, Licence Log, Security Alarm, My message, Log, Call log, Unlock log, and Configuration log. The main content area is divided into several sections:

- Active Security Alarm:** A table with columns 'Location', 'Alarm Device', and 'Alarm Zone'. It shows one entry: Location '1/0/1111', Alarm Device 'Smoke', and Alarm Zone '2'. A 'More' link is available.
- Quick Operation:** Three buttons: 'Add New Resident', 'Add New Access Rule', and 'Post New Message'.
- Information:** Four summary cards showing counts: 2 Device, 1 Building, 2 Apartment, and 0 Resident.
- Access Analysis:** A section with a date filter (Day, Week, Mon) and a table with columns: Snapshot, Resident, Apartment, Device Name, Unlocked Method, Unlock Result, and Unlock Time.

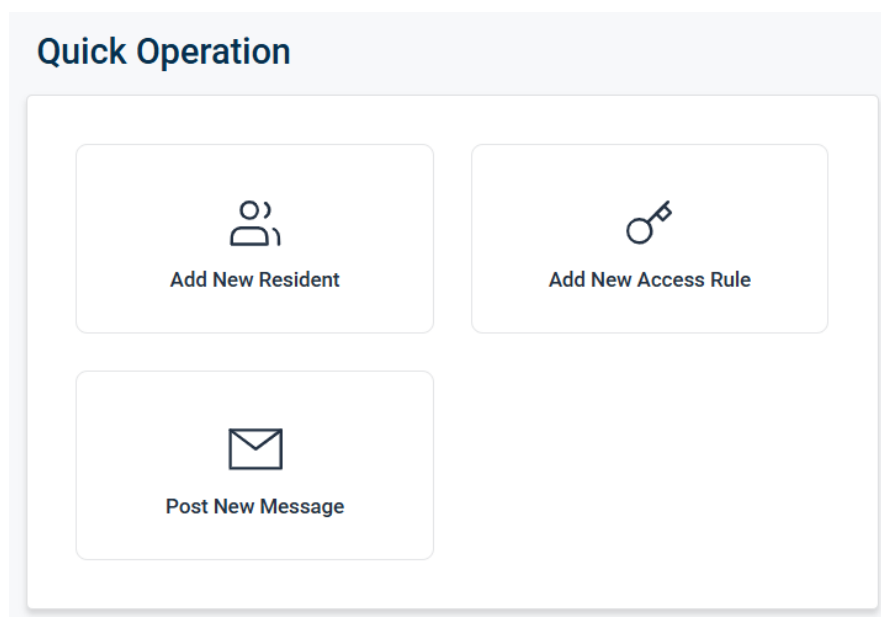
6.1.1 Security alarm

1. The Active Security Alarm section displays real-time alarm information, including the location, the device that triggered the alarm, and the corresponding alarm zone. You can click more to check more alarms.

Active Security Alarm			More
Location	Alarm Device	Alarm Zone	
1/0/1111	Smoke	2	

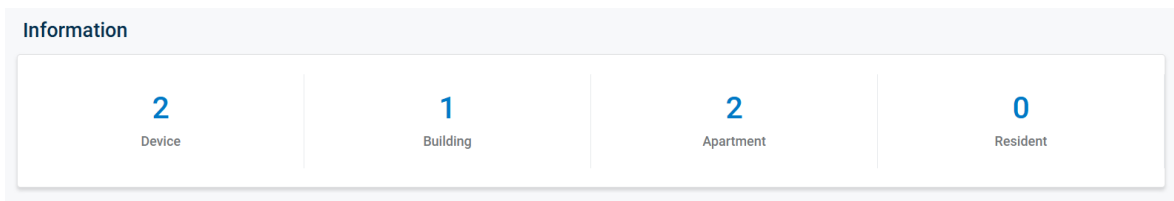
6.1.2 Quick Operation

1. Quick Access panel allows administrators to quickly add new residents, create new access rules, or post announcements and notifications to residents.



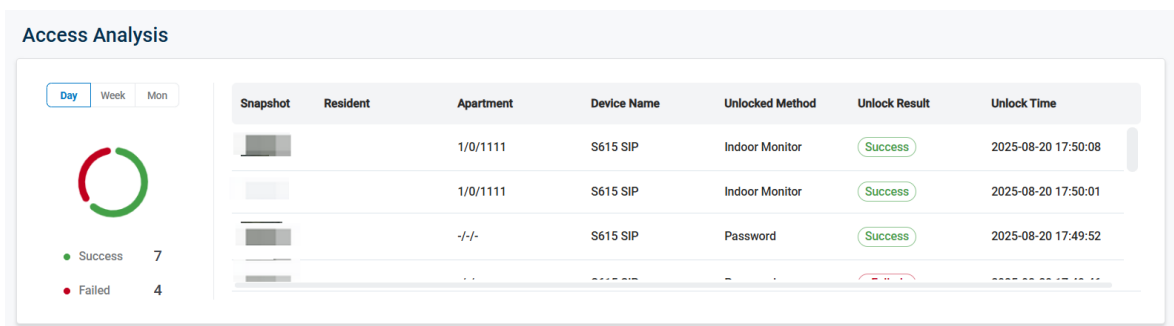
6.1.3 Information

This area gives a summary of system resources, showing the number of connected devices, configured buildings, registered apartments, and residents.



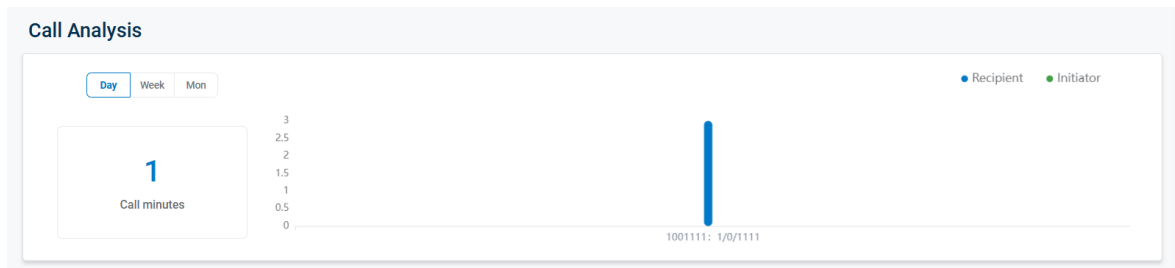
6.1.3 Access Analysis

Here administrators can view whether an entry attempt was successful or failed, check snapshots taken during the attempt, identify the resident and their apartment, and see details such as the device used, the unlocking method, the result, and the exact time of the event. The system displays up to the latest ten records for review, and it also provides daily, weekly, and monthly reports for statistical analysis.



6.1.4 Call Analysis

Here presents statistics on communication activities. It records the total call duration and allows the data to be viewed by day, week, or month, giving administrators insight into system usage.



6.2 Site

6.2.1 Device management

6.2.1.1 Synchronize all residents' data

1. If it failed to synced, you can click it to sync manually.

DNAKE Welcome Property Manager(test)

Home page Site Access Control Licence Log Security Alarm My message Log

test

Public Area

1 - Building

Device

Apartment No./MAC/Device Name Device Type Model Status Sync Status Operation

S615 SIP Gate Station S615 Online Synced

Synchronize all Residents Data

Total 1 10/page < 1 >

The screenshot shows the 'Device' management page in the DNAKE system. A table lists device information, including 'S615 SIP' and 'Gate Station'. The 'Status' is 'Online' and the 'Sync Status' is 'Synced'. A red arrow points to the 'Synced' button, and a tooltip indicates 'Synchronize all Residents Data'.

6.2.1.2 Resident details

1. The configuration items related to video service and re-synchronize failed apartments have been centralized and integrated into the editing page of the resident details.

Resident Details

Basic Info

Device Name: S615 SIP
Household Number: 0

Residential Information: ---
Residents Number: 0

Video Service Activated: 0
Unlock Method: Face, Card

Apartment Information

Building No. Please select
Unit No. Please select
Apartment No. Please select

Video Service Please select

Search Reset

Subscribe video service Failed Retry

Item	Building/Unit/Apartment	Family Members	Face	Card	Video Service	Operation
1	1/0/1111	0	0/0	0/0	Unactivated	
2	1/0/1234	0	0/0	0/0	Unactivated	

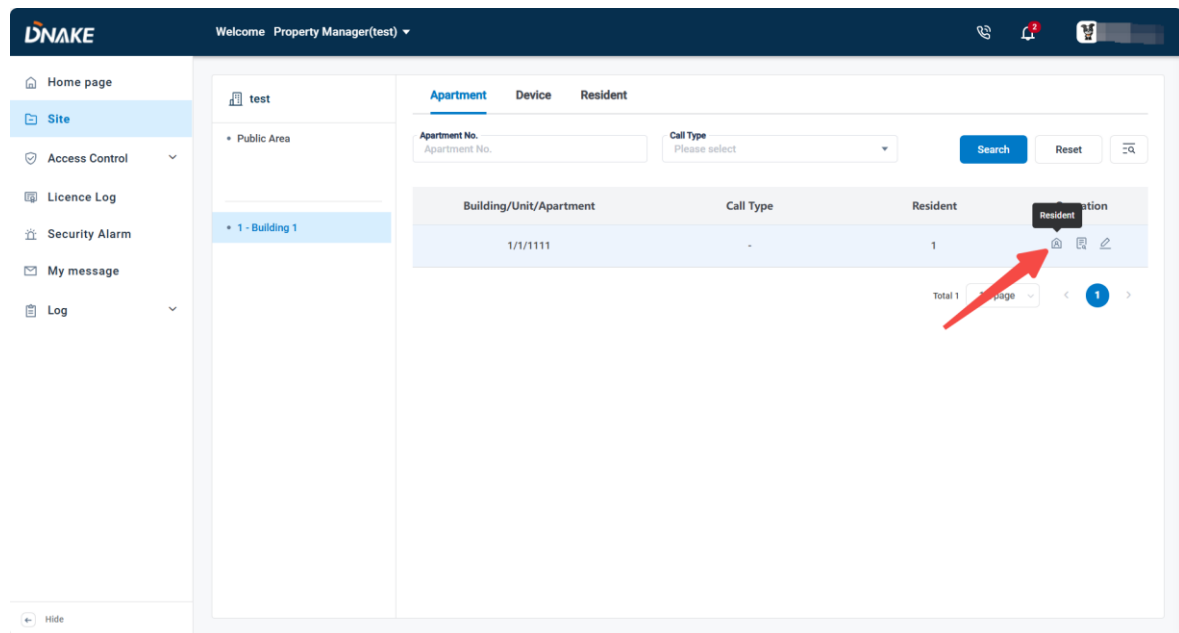
Total 2 10/page 1

Cancel

6.2.2 Apartment management

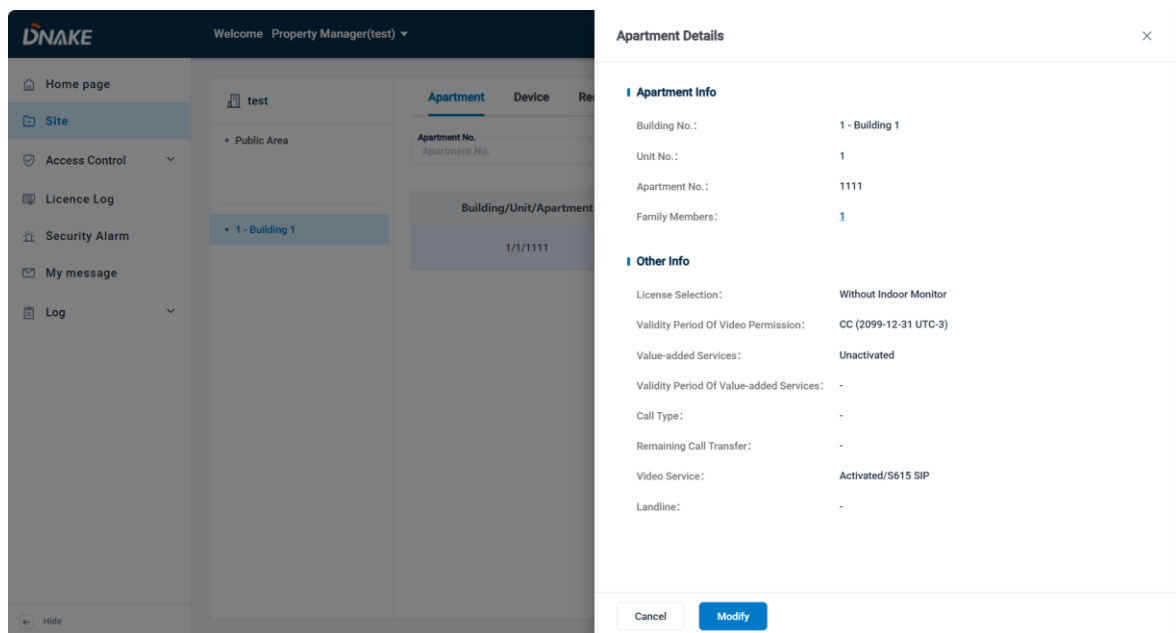
6.2.2.1 Resident

Click the Resident icon to access the Resident module, where you can view and manage all users within the same Building, Unit, or Apartment.



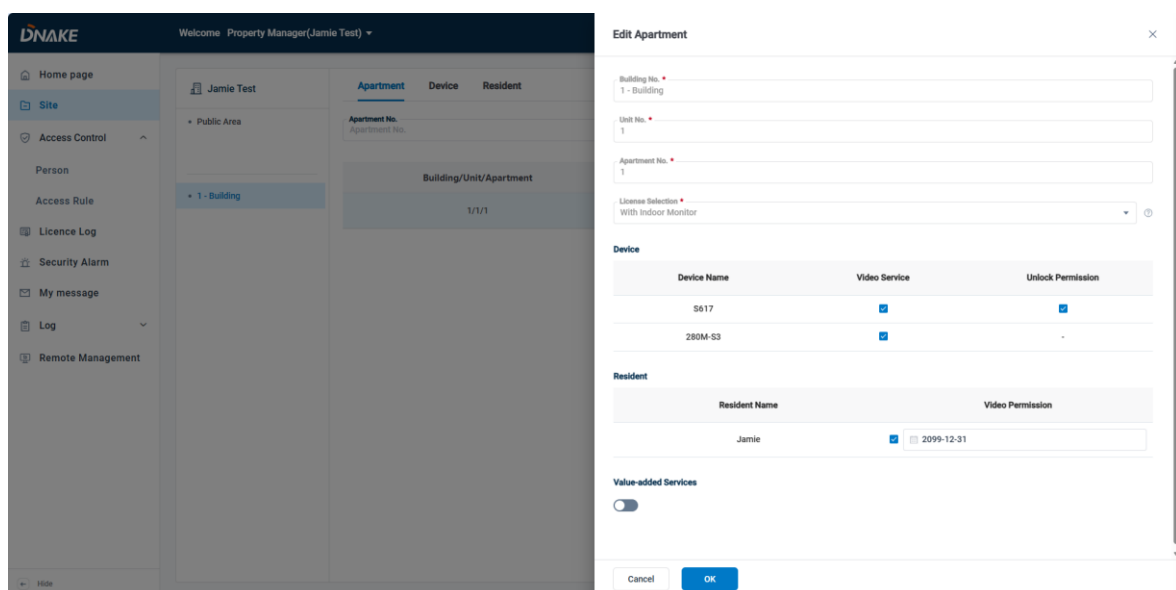
6.2.2.2 Details

The Apartment Details section provides an overview of the selected apartment, showing its Building, Unit, and Apartment numbers, the number of family members, and service-related settings such as video permission, value-added services, call options, and video service status.



6.2.2.3 Edit

Here you can modify the apartment's video service settings for the residents' app account. Unlock permission for each device can also be granted or cancelled for every app account under this apartment.

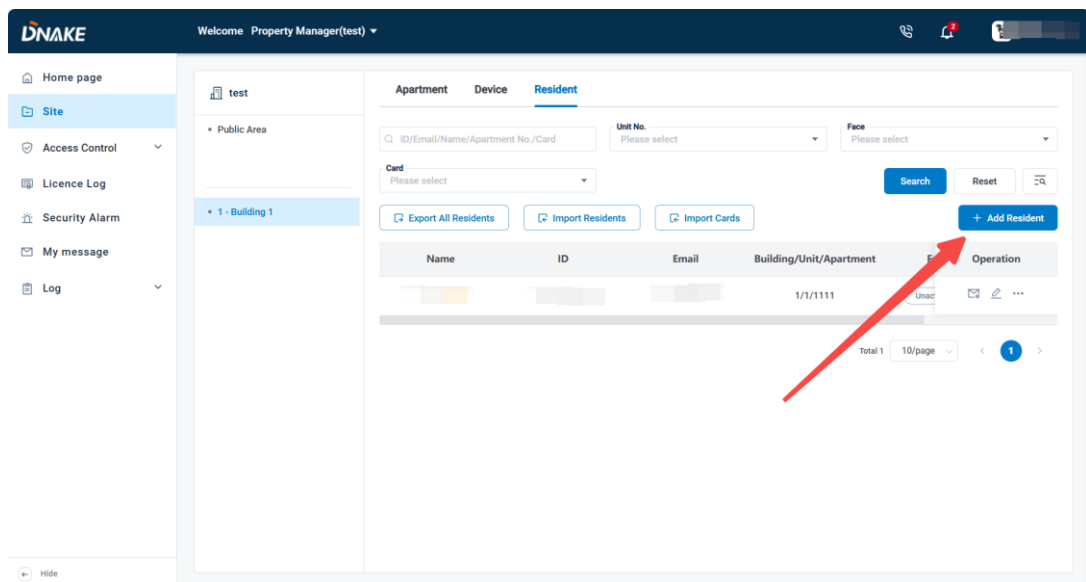


6.2.3 Resident management

6.2.3.1 Add a new resident

1. Here are the steps to create a new resident

- ◆ Step 1: Go to the Site column and select the desired building, then click Resident and choose Add Resident to add a new resident.



- ◆ Step 2: Select the apartment no., and enter the name, email, and Optional settings include phone, syncing to the door station phonebook, card and pin assignment.

← Site / New Resident

Building No. *

1 - Building

▼

Apartment No. *

Please select

▼

Name *

0/30

APP Function

☒

?

Email *

0/60

Phone

(Argentina) +54

▼

Please fill in Phone

0/16

Language *

English


▼

(E-mail send to users will be in language users choose)

Sync to Phonebook on door station

☐

?


Add access credentials by the way ▼

☒ ?

Email * 0/60

Phone (Argentina) +54 0/16 Please fill in Phone

Language * English (Email send to users will be in language users choose)

Sync to Phonebook on door station

☐ ?

[Add access credentials later ▲](#)

Card Select COM Start Read

* Please confirm that the card reader is connected
 * If the serial port cannot be recognized, please [download and install](#) the card reader driver.
 * If card reading fails, please try to re-plug and unplug the serial port device.

Full Card No. N Hexadecimal 0/20

[+ Add](#)

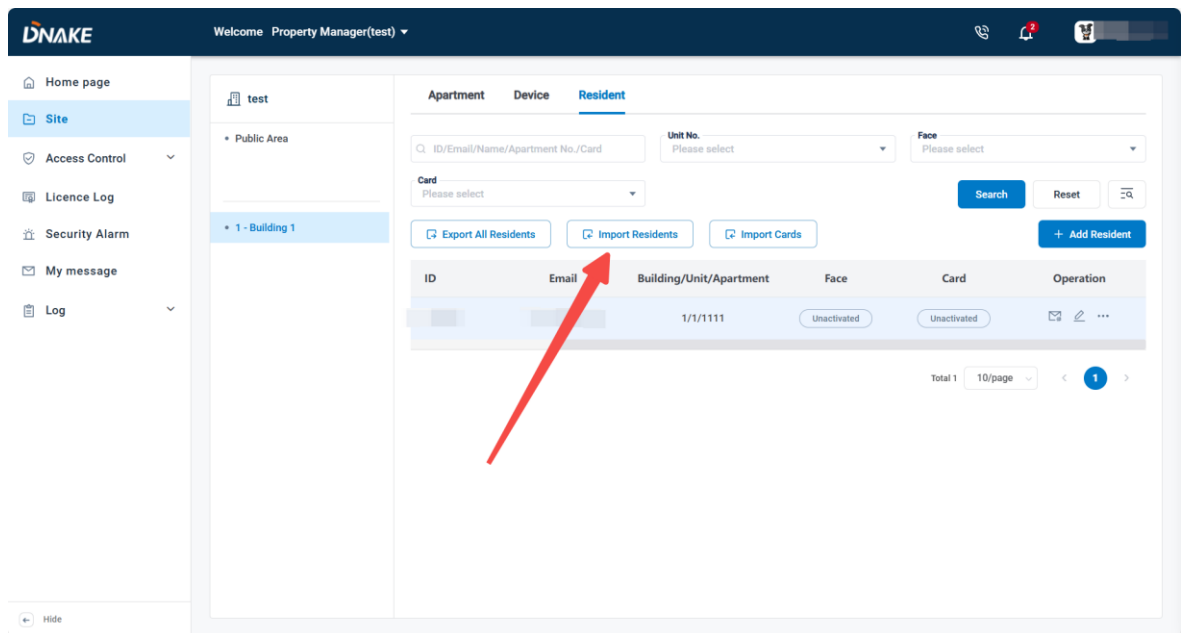
PIN Code APT+PIN Apartment No. 0/4

Cancel Save

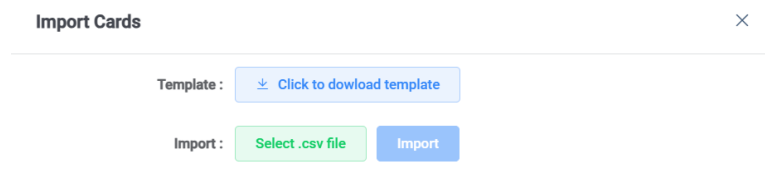
Noted: Residents can upload Face ID on the Smart Pro APP. (Reller/Installer needs to enable Register Face ID in the APP function when creating sites or editing existed one. For detailed instructions, refer to section 5.3.1 and 5.3.2)

2. Here are the steps to import residents

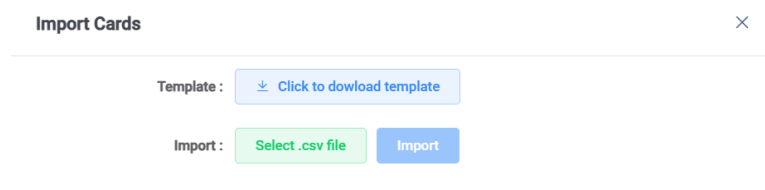
- ◆ Step 1: Go to the Site column and select the desired building, then click Resident and choose Import Residents to import residents.



- ◆ Step 2: Click to download template to download the template to fill in the necessary information



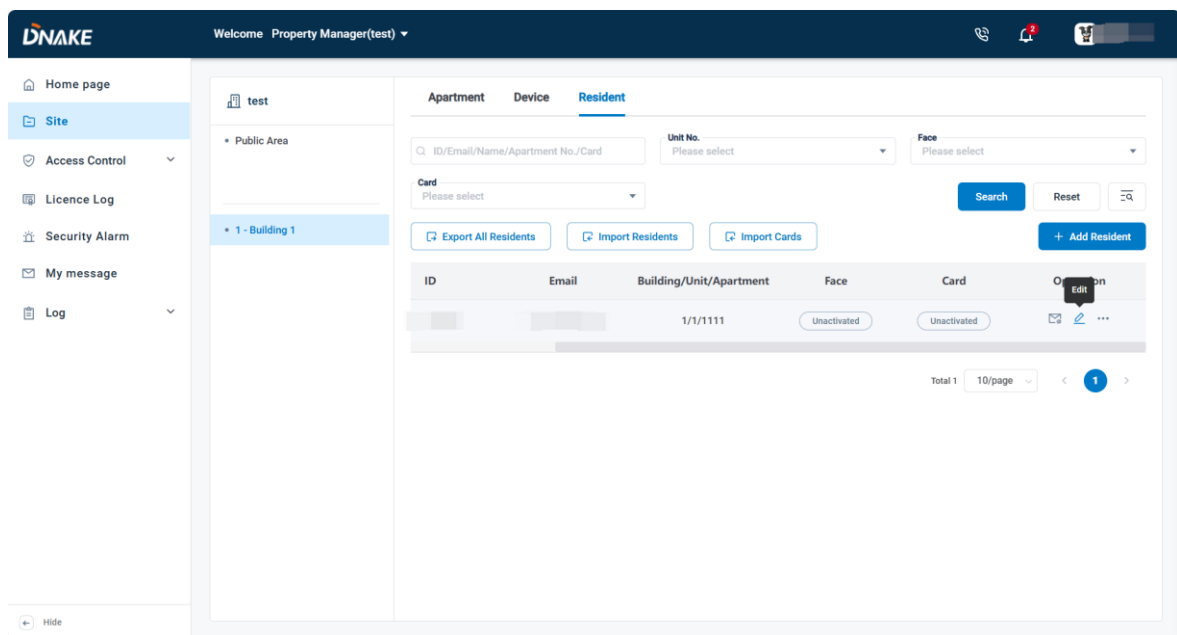
- ◆ Step 3: Click Select .scv file to upload the file and click Import to import the cards information.



6.2.3.2 Add cards

1. Here are the steps to add a new card for dedicated resident

- ◆ Step 1: Go to the Site column and select the desired building, then choose Resident and click Edit to add a new card for a dedicated resident.



- ◆ Step 2: Select the COM port, then click Start Read (ensure the card reader is connected and drivers are installed).

Card

Select COM

Start Read

*Please confirm that the card reader is connected
 *If the serial port cannot be recognized, please [download and install](#) the card reader driver.
 *If card reading fails, please try to re-plug and unplug the serial port device.

Full Card No. Mc

Hexadecimal

0/20

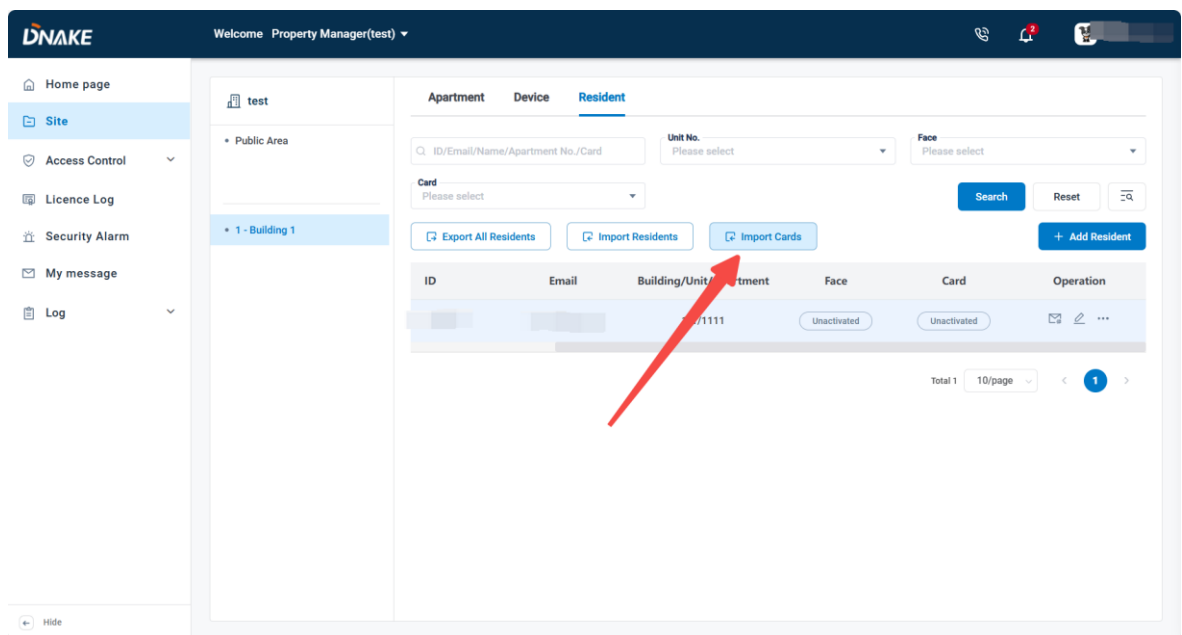
+ Add

Noted: Compatible Mode is used when you read cards by card reader, while Full

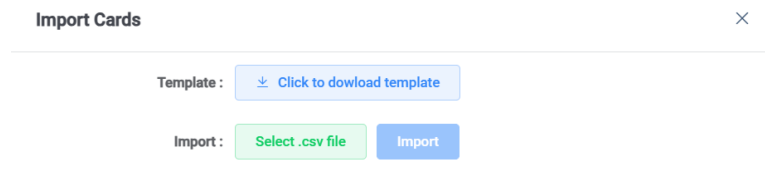
Card No. Mode is used when you need to input full card number.

1. Here are the steps to import cards for residents

- ◆ Step 1: Go to the Site column and select the desired building, then choose Resident and click Import Cards to import cards for residents



- ◆ Step 2: Click Click to download template to download the template to fill in the necessary information



- ◆ Step 3: Click Select .scv file to upload the file and click Import to import the cards information.

Import Cards
×

Template : [Click to download template](#)

Import : Select .csv file Import

6.2.3.3 Add Pin code

1. Here are the steps to add a new card for dedicated resident

- ◆ Step 1: Go to the Site column and select the desired building, then choose Resident and click Edit to add a new Pin code for a dedicated resident.

The screenshot shows the DNAKE Property Manager interface. On the left is a sidebar with navigation links: Home page, Site (selected), Access Control, Licence Log, Security Alarm, My message, and Log. The main content area is titled 'test' and has tabs for Apartment, Device, and Resident (selected). Under the Resident tab, there's a search bar for ID/Email/Name/Apartment No./Card, dropdowns for Unit No. and Face, and a Card dropdown. Below these are buttons for Export All Residents, Import Residents, Import Cards, and Add Resident. A table lists residents with columns for ID, Email, Building/Unit/Apartment, Face, Card, and an 'Edit' button. The first row shows a resident with ID 1/1/1111 and an 'Unactivated' card. At the bottom, there's a pagination bar showing 'Total 1' and '10/page'.

- ◆ Step 2: Select the generation mode, generate the Pin code and click Save to save it.

APT+PIN

Hexadecimal ▼

0/20

+ Add

PIN Code

Random ▲

0/8

Random Generation

Cancel OK

6.2.3.4 Export all residents

- ◆ Go to the Site column and select the desired building, then choose Resident and click Export All Residents to export all residents

Welcome Property Manager(test) ▼

Home page

Site

Access Control

Licence Log

Security Alarm

My message

Log

test

Public Area

1 - Building 1

Apartment Device Resident

Q ID/Email/Name/Apartment No./Card

Unit No. Please select

Face Please select

Card Please select

Search Reset

Export All Residents Import Residents Import Cards

+ Add Resident

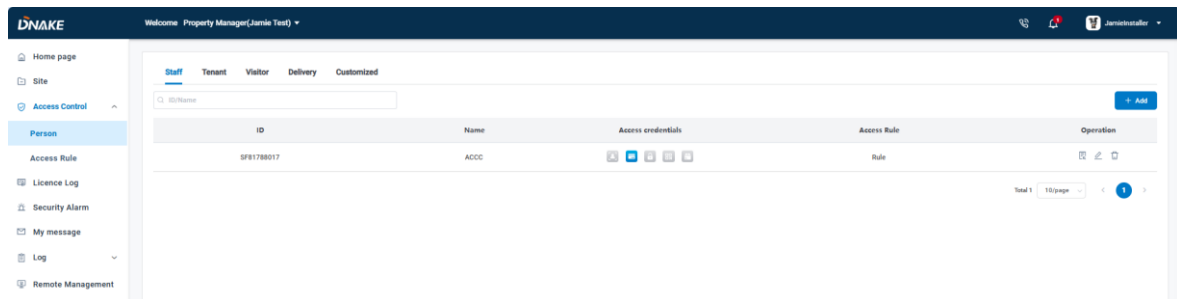
Name	ID	Email	Building/Unit/Apartment	Face	Operation
On			1/1/1111	Unac	Unac

Total 1 10/page < 1 >

6.3 Access Control

6.3.1 Person

You can add access permissions, such as facial recognition and card access, for different roles on the cloud platform. The three roles are staff, tenant, visitor, and customized. To assign permissions, simply click Add under each role.



6.3.1.1 Staff

- ◆ Step 1: Enter the name and any Remarks in the information section.
- ◆ Step 2: Upload their face image, add a card by a card reader or card number and generate a PIN code. You can choose whether to generate a QR code for unlocking.
- ◆ Step 3: Set up specific Access Rules for each staff member.

DNAKE Welcome Property Manager(Jamie Test)

Home page Site Access Control Person Access Rule Licence Log Security Alarm My message Log Remote Management

Person / New Staff

Information

Name * 0/30

Remarks 0/120

Access credentials

Face

Upload image

Card

Select COM Start Read

Please confirm that the card reader is connected
 If the serial port cannot be recognized, please [download and install](#) the card reader driver.
 If card reading fails, please try to re-plug and unplug the serial port device.

Full Card No. Moi Hexadecimal 0/20

Add

PIN Code 0/8 Random Generation

☐ Generate a QR code from the PIN Code

Access Rule

Add

Total 0

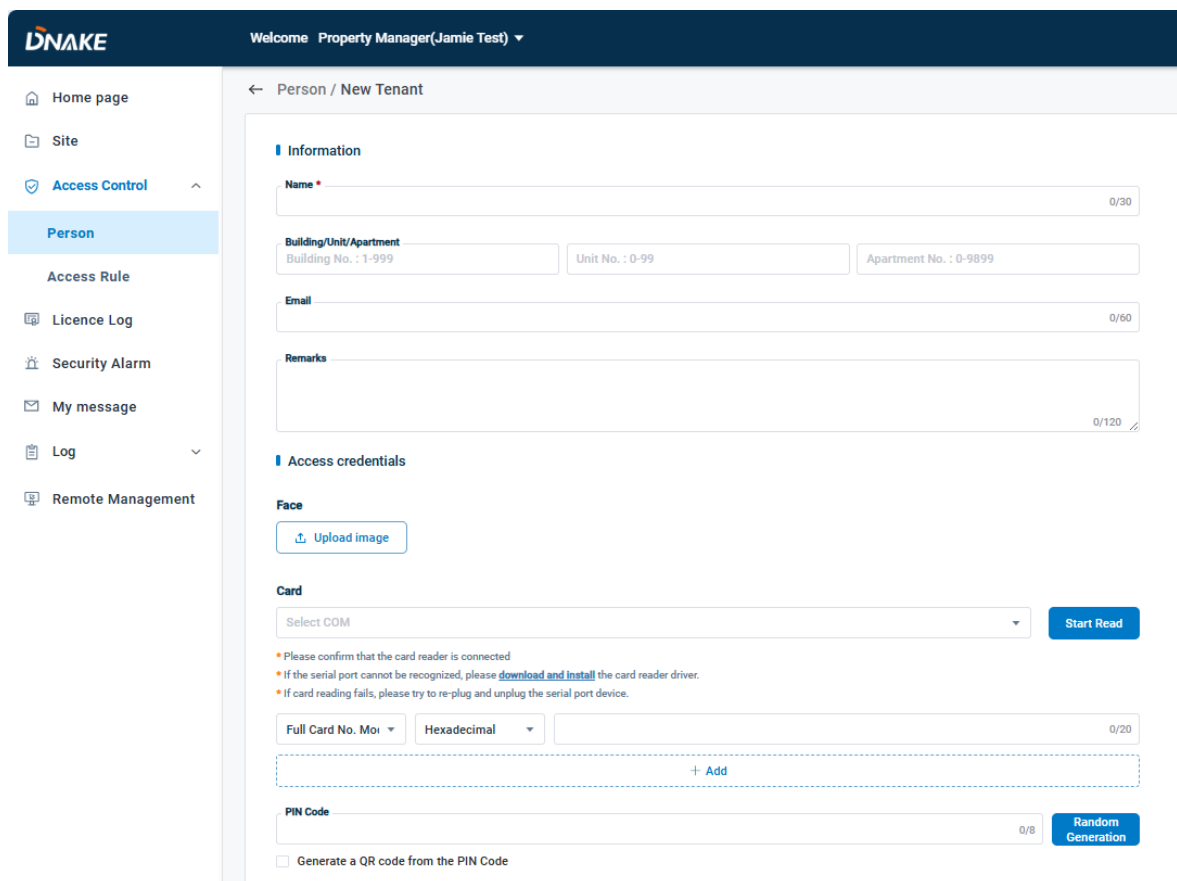
Cancel Save

6.3.1.2 Tenant

- ◆ Step 1: Enter the name, Building/Unit/Apartment, and any information in the information section.
- ◆ Step 2: Upload their face image, add a card by a card reader or card number and generate a PIN code. You can choose whether to generate a QR code for unlocking.
- ◆ Step 3: Set up specific Access Rules for each tenant members. Be sure to specify

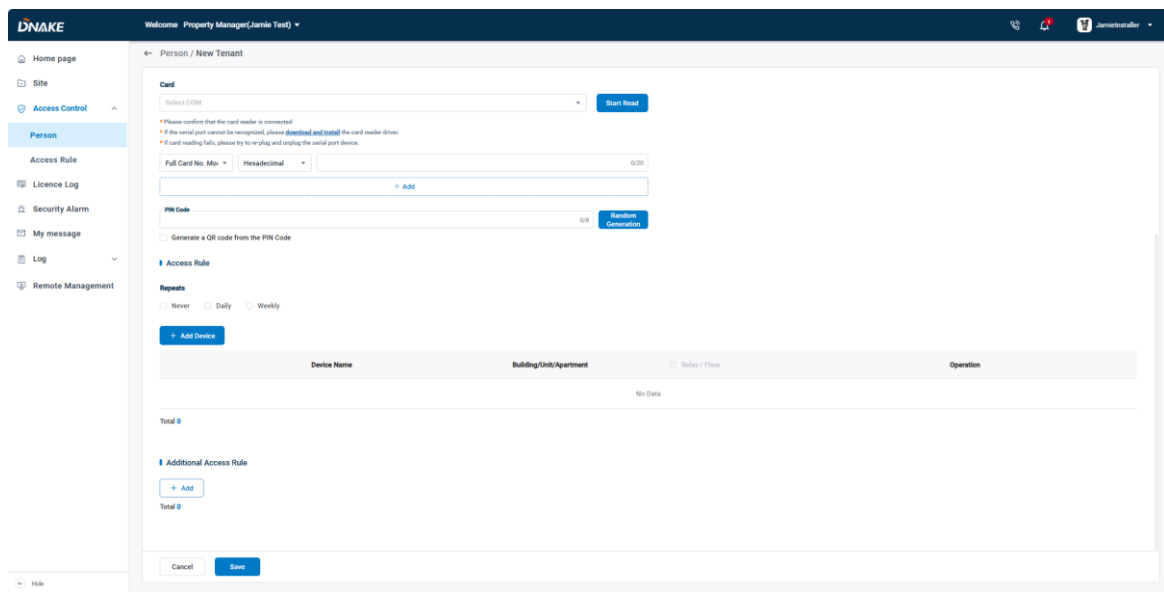
the validity period for these rules and choose a frequency. The available frequency options are: Never, Daily, Weekly. Additionally, assign the relevant devices to each Access Rule.

With the new **Additional Access Rule** feature, you can now associate existing Access Rules with the tenant instead of creating a new rule from scratch. This allows for more flexible and efficient access management.



The screenshot displays the DNAME web interface for creating a new tenant. The left sidebar contains navigation links: Home page, Site, Access Control, Person (selected), Access Rule, Licence Log, Security Alarm, My message, Log, and Remote Management. The main content area is titled 'Person / New Tenant' and includes the following sections:

- Information:**
 - Name:** A text input field with a character count of 0/30.
 - Building/Unit/Apartment:** Three separate input fields for 'Building No. : 1-999', 'Unit No. : 0-99', and 'Apartment No. : 0-9899'.
 - Email:** A text input field with a character count of 0/60.
 - Remarks:** A large text area with a character count of 0/120.
- Access credentials:**
 - Face:** A button labeled 'Upload image'.
 - Card:**
 - A dropdown menu labeled 'Select COM' and a 'Start Read' button.
 - Three lines of instructional text:
 - * Please confirm that the card reader is connected
 - * If the serial port cannot be recognized, please [download and install](#) the card reader driver.
 - * If card reading fails, please try to re-plug and unplug the serial port device.
 - Input fields for 'Full Card No. Mo' (with a dropdown), 'Hexadecimal' (with a dropdown), and a character count of 0/20.
 - A '+ Add' button in a dashed box.
 - A 'PIN Code' input field with a character count of 0/8 and a 'Random Generation' button.
 - A checkbox labeled 'Generate a QR code from the PIN Code'.



6.3.1.3 Visitor

- ◆ Step 1: Enter the name and any Remarks in the information section.
- ◆ Step 2: Upload their face image, add a card by a card reader or card number and generate a PIN code. You can choose whether to generate a QR code for unlocking.
- ◆ Step 3: Set up specific Access Rules for each visitor member. Be sure to specify the validity period for these rules and choose a frequency. The available frequency options are: Never, Daily, Weekly.

DNAKE

Welcome Property Manager(Jamie Test) ▾

Home page

Site

Access Control ▴

Person

Access Rule

Licence Log

Security Alarm

My message

Log ▾

Remote Management

← Person / New Visitor

Information

Name *

0/30

Remarks

0/120

Access credentials

Face

Upload image

Card

Select COM ▾

Start Read

* Please confirm that the card reader is connected

* If the serial port cannot be recognized, please [download and install](#) the card reader driver.

* If card reading fails, please try to re-plug and unplug the serial port device.

Full Card No. M ▾

Hexadecimal ▾

0/20

+ Add

PIN Code

0/8

Random Generation

☐ Generate a QR code from the PIN Code

Cancel

Save

DNAKE

Welcome | Property Manager(Jamie Test) ▾

Home page

Site

Access Control

Person

Access Rule

Licence Log

Security Alarm

My message

Log

Remote Management

← Person / New Visitor

* If the serial port cannot be recognized, please refer [Serial Port Settings](#) for the card reader driver.
* If card reading fails, please try to re-plug and unplug the serial port device.

Full Card No. M ▾Hexadecimal ▾

0/20

+ Add

PIN Code

0/8

Random Generation

☐ Generate a QR code from the PIN Code

Access Rule

Repeats

☒ Never☐ Daily☐ Weekly

Time +

Start Time - End Time ⌵

+ Add Device

Device Name	Building/Unit/Apartment	<input type="checkbox"/> Relay / Floor	Operation
No Data			

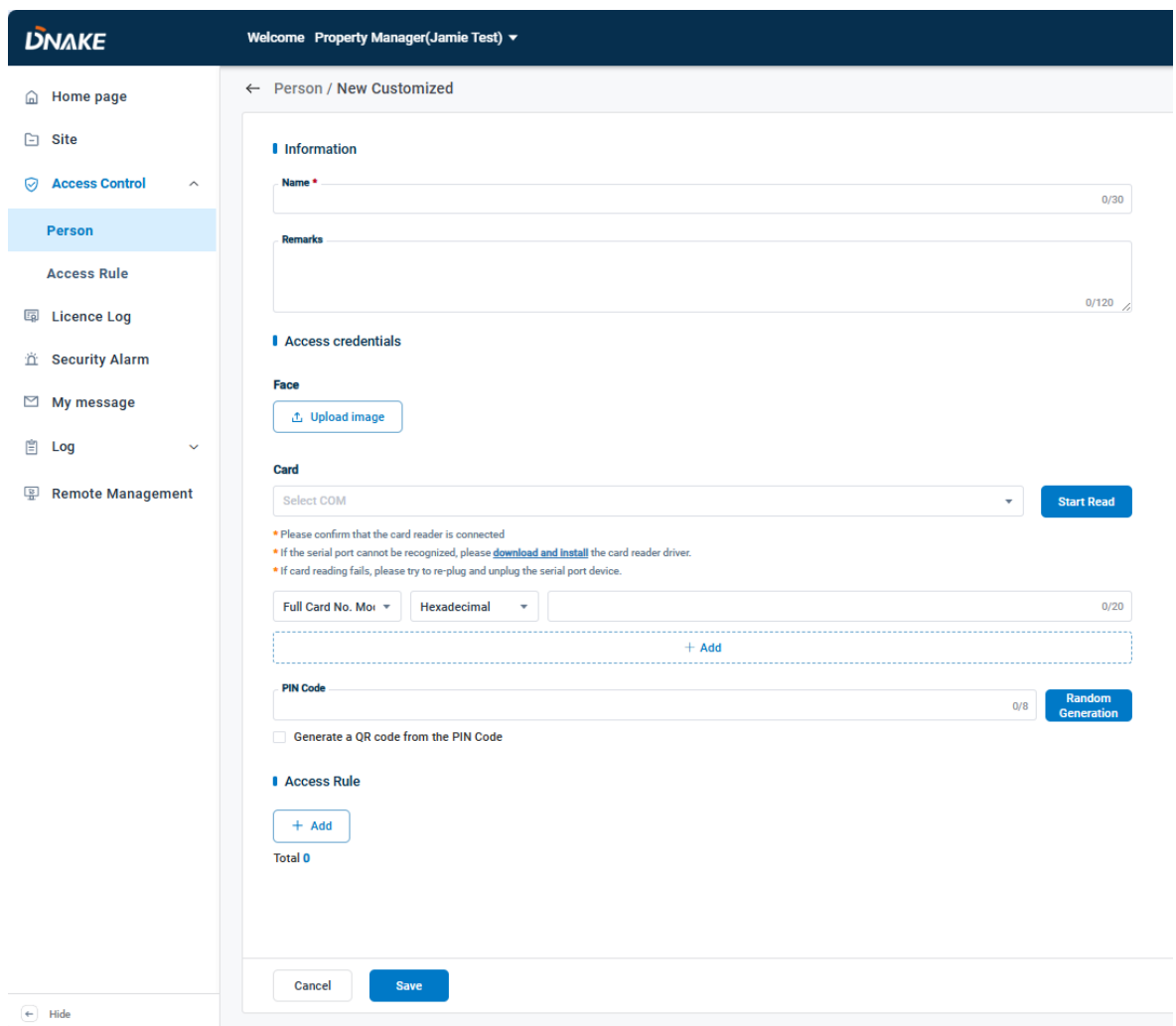
Total 0

Cancel

Save

6.3.1.4 Customized

- ◆ Step 1: Enter the name and any Remarks in the information section.
- ◆ Step 2: Upload their face image, add a card by a card reader or card number and generate a PIN code. You can choose whether to generate a QR code for unlocking.
- ◆ Step 3: Set up specific Access Rules for each staff member.



The screenshot displays the DNAKE web interface for creating a new customized person. The interface includes a sidebar with navigation options: Home page, Site, Access Control, Person (selected), Access Rule, Licence Log, Security Alarm, My message, Log, and Remote Management. The main content area is titled 'Person / New Customized' and contains the following sections:

- Information:**
 - Name:** A text input field with a character count of 0/30.
 - Remarks:** A larger text input field with a character count of 0/120.
- Access credentials:**
 - Face:** A button labeled 'Upload image'.
 - Card:**
 - A dropdown menu labeled 'Select COM'.
 - A 'Start Read' button.
 - Three lines of instructional text:
 - Please confirm that the card reader is connected
 - If the serial port cannot be recognized, please [download and install](#) the card reader driver.
 - If card reading fails, please try to re-plug and unplug the serial port device.
 - A 'Full Card No. Mo' dropdown, a 'Hexadecimal' dropdown, and a text input field with a character count of 0/20.
 - A dashed box with a '+ Add' button.
 - PIN Code:** A text input field with a character count of 0/8 and a 'Random Generation' button.
 - A checkbox labeled 'Generate a QR code from the PIN Code'.
- Access Rule:**
 - A '+ Add' button.
 - A 'Total 0' indicator.

At the bottom of the form, there are 'Cancel' and 'Save' buttons.

6.3.2 Access Rule

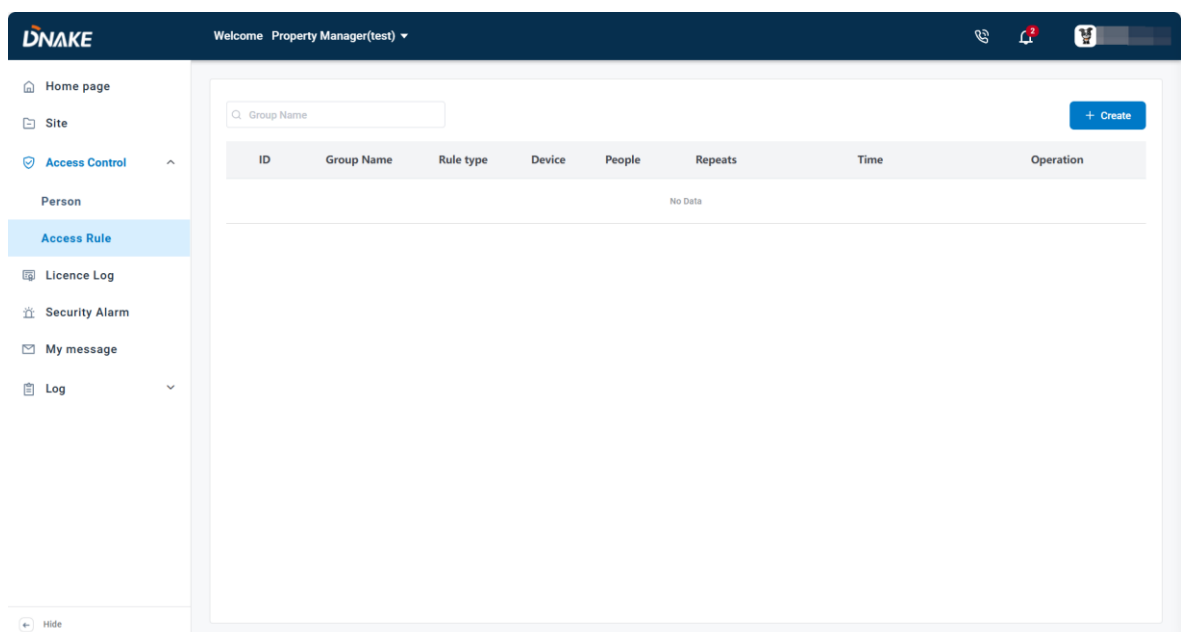
The Access Rule Type provides two options: Normal and Free Access. The Normal rule is used to control access by defining which users are allowed to unlock specific doors within designated time periods, while the Free Access rule allows all users to unlock the specified doors freely during the configured time periods.

You can create custom Access Rules that can be applied to Staff, Tenants, Visitors, and Customized.

6.3.2.1 Normal

Here are the steps to configure normal access rule

- ◆ Step 1: Go to the Access Control column and choose Access Rule, then click Create to add an access rule.



- ◆ Step 2: Fill in the group name, select the repeat option (Never, Daily, or Weekly), set the validity period, and link the specified devices and people to the access rule. (Rule type is normal by default)

← New Access Rule Group Access Rule / New Access Rule Group

Basic Information

Group Name * 0/40

Remarks 0/200

Rule type Normal

Repeats

☒ Never ☐ Daily ☐ Weekly

Time * Start Time - End Time

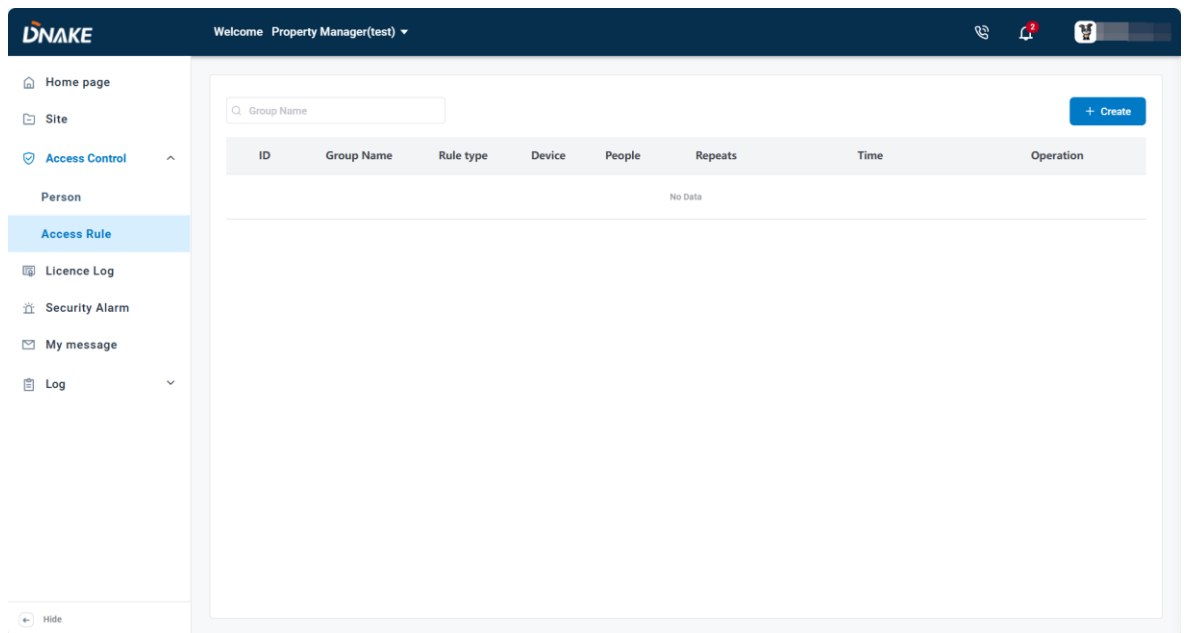
Device **People**

Device Name	Building/Unit/Apartment	Relay	Operation
No Data			

6.3.2.2 Free Access

Here are the steps to configure free access rule

- ◆ Step 1: Go to the Access Control column and choose Access Rule, then click Create to add an access rule.



- ◆ Step 2: Fill in the group name, select the repeat option (Never, Daily, or Weekly), select the free access, set the validity period, and link the specified devices to the access rule.

← **New Access Rule Group** Access Rule / New Access Rule Group

Basic Information

Group Name * 0/40

Remarks 0/200

Rule type
 Free Access

Repeats

☒ Never ☐ Daily ☐ Weekly

Time * Start Time - End Time

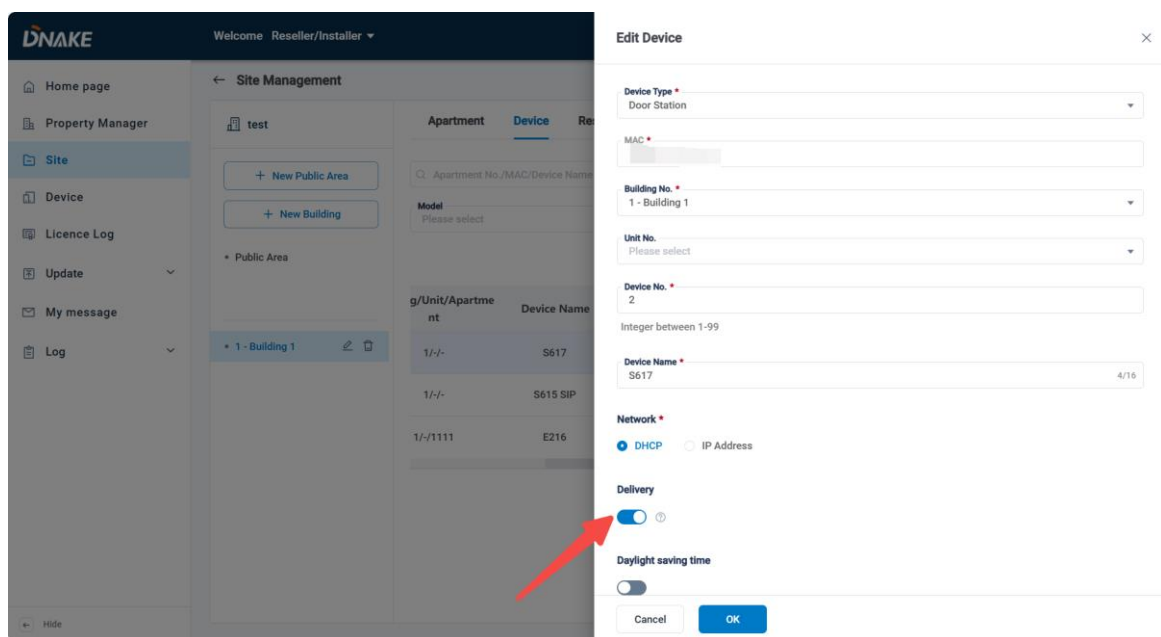
Device

Device Name	Building/Unit/Apartment	<input type="checkbox"/> Relay	Operation
No Data			

6.3.3 Delivery Passcode

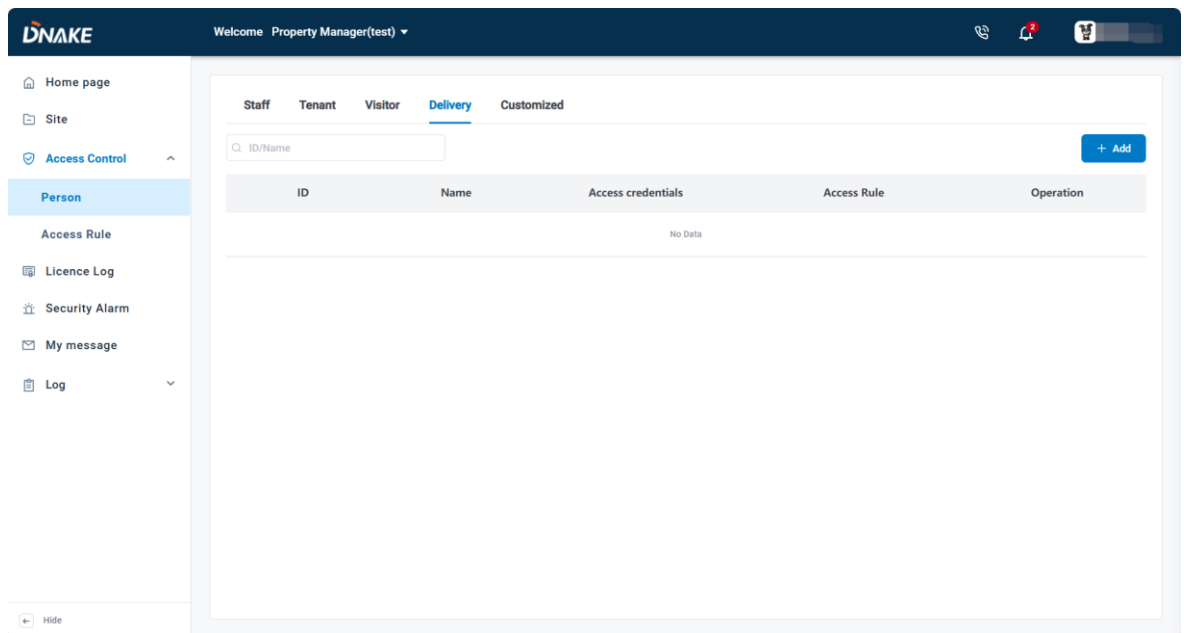
The cloud platform allows you to create a Delivery Code for couriers. When the courier arrives, they enter the Delivery Code, select the resident, and input the number of packages. The corresponding resident will then receive a package notification in their app. (It only supports S617 right now and will support more devices in the future.)

- ◆ Step 1: Go to the Site column and select the desired community, then click desired building and choose Device. Then edit S617 to enable the “Delivery” .

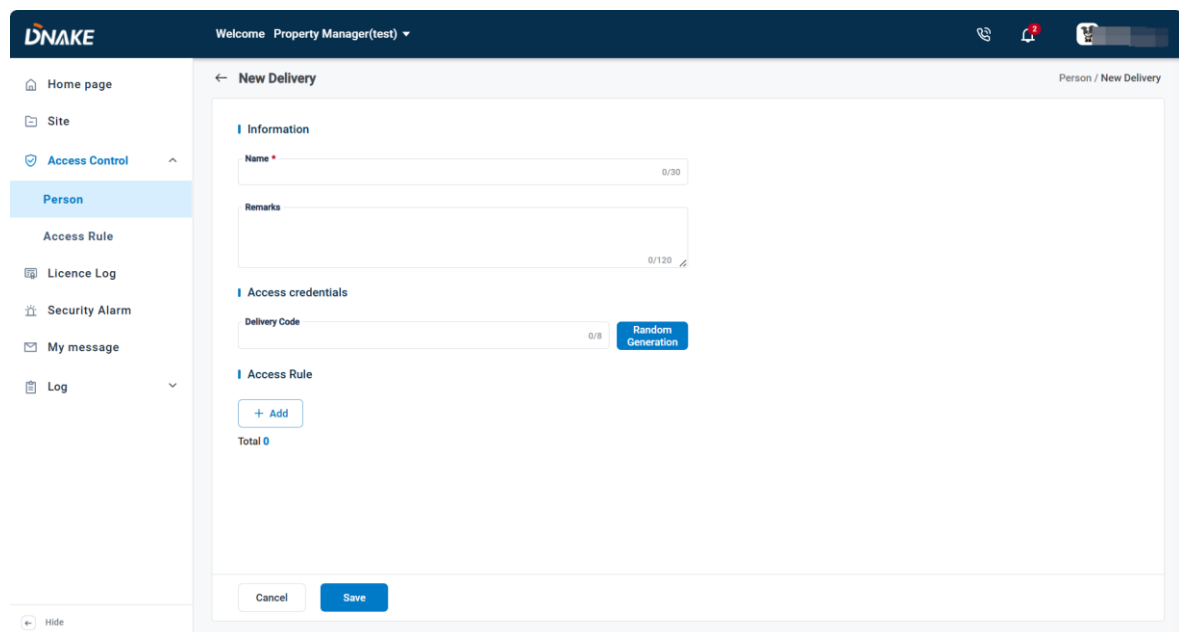


- ◆ Step 2: Go to community under the property manager, Click Access Control>Person, click Delivery and then Add to add a delivery code for

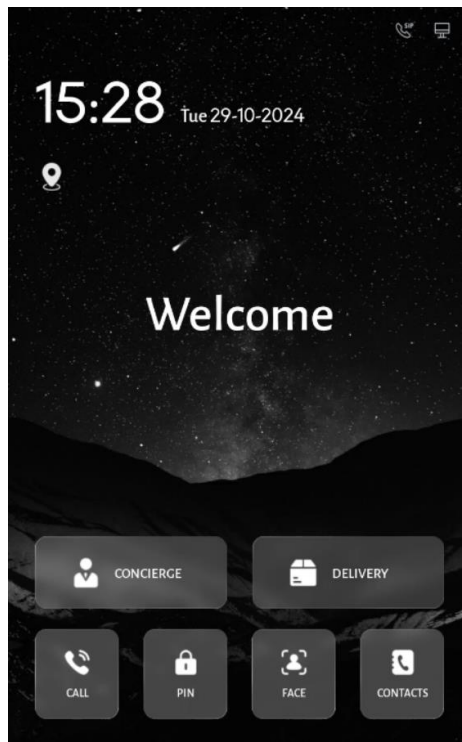
couriers.



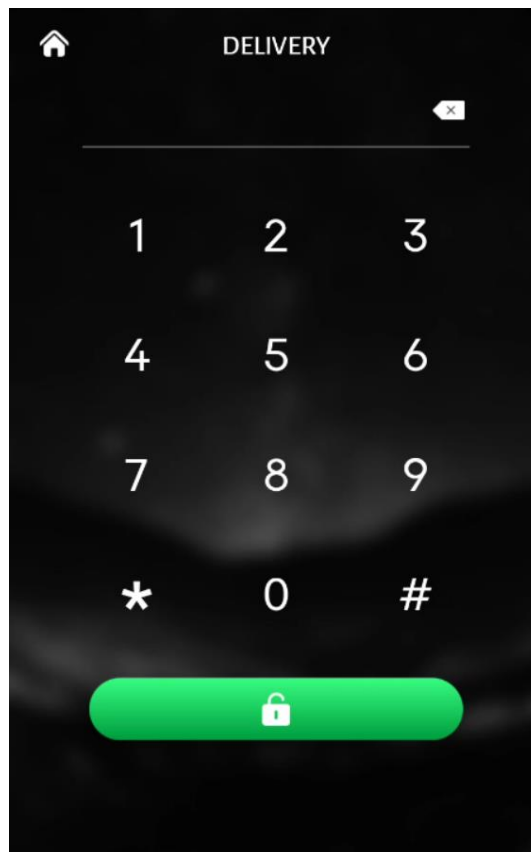
- ◆ Step 3: Enter a Delivery Name and generate a Delivery Code for the courier.
Then, assign the relevant Access Rule to this delivery.



- ◆ Step 4: Go to device, then click Delivery

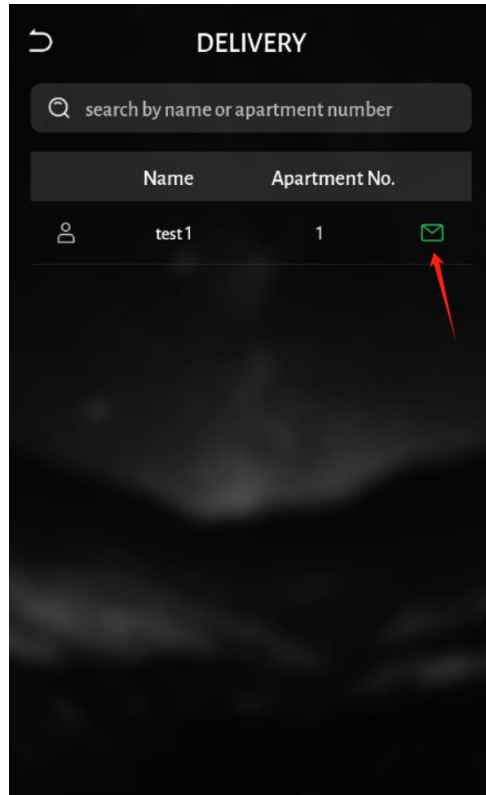


- ◆ Step 5: Enter the delivery code.



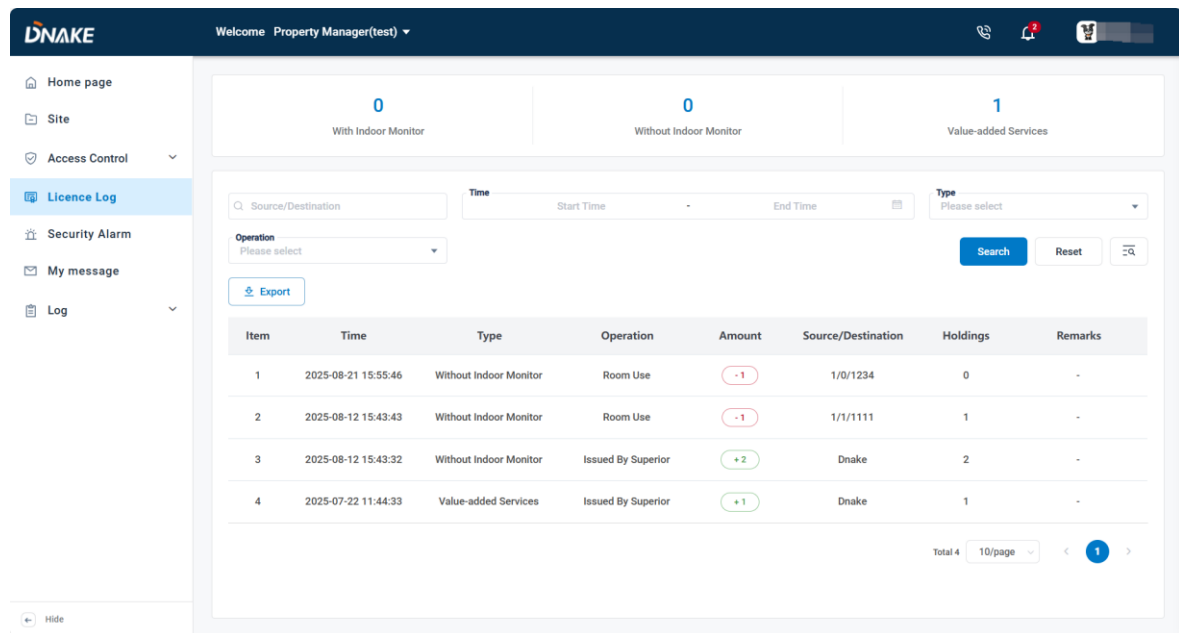
- ◆ Step 6: Send a message to notify the resident that their package has arrived.

The notification will appear in Smart Pro.



6.4 License Log

1. You can check the amount of license you have and license log.

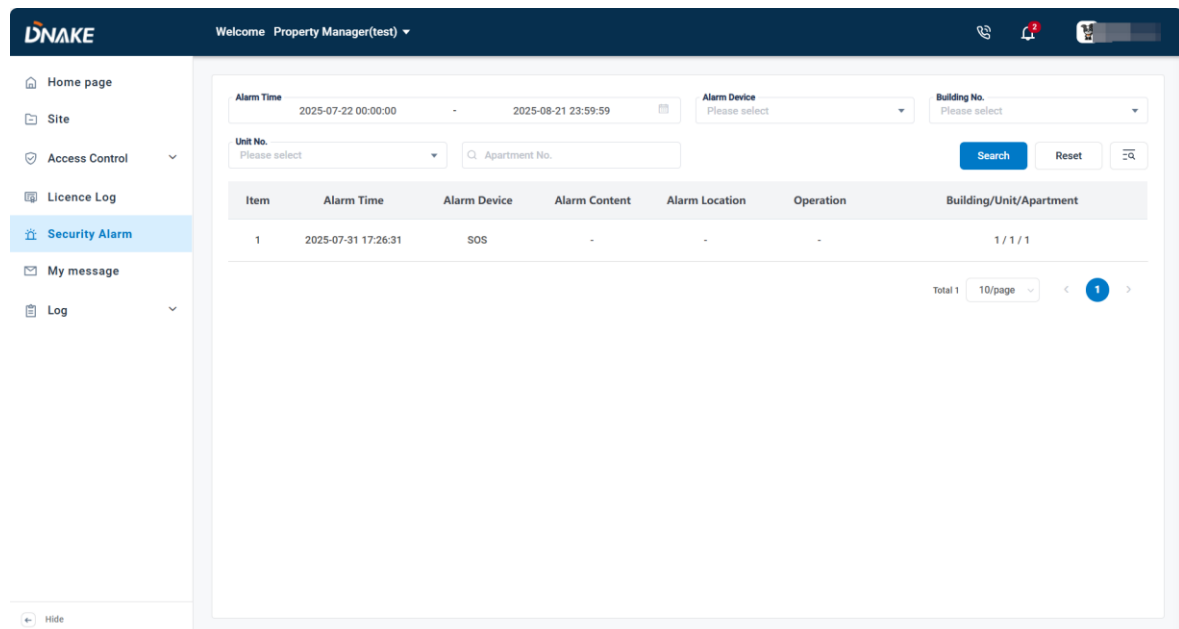


The screenshot shows the 'Licence Log' page in the DNAKE system. The top navigation bar includes 'Home page', 'Site', 'Access Control', 'Licence Log' (selected), 'Security Alarm', 'My message', and 'Log'. The main content area displays a summary of licence logs with three categories: 'With Indoor Monitor' (0), 'Without Indoor Monitor' (0), and 'Value-added Services' (1). Below this is a search and filter section with fields for 'Source/Destination', 'Time' (Start Time, End Time), and 'Type'. An 'Operation' dropdown is also present. A table lists the log entries with columns: Item, Time, Type, Operation, Amount, Source/Destination, Holdings, and Remarks. The table contains four entries, with the last one being 'Value-added Services' issued by a superior. A pagination bar at the bottom shows 'Total 4' and '10/page'.

Item	Time	Type	Operation	Amount	Source/Destination	Holdings	Remarks
1	2025-08-21 15:55:46	Without Indoor Monitor	Room Use	-1	1/0/1234	0	-
2	2025-08-12 15:43:43	Without Indoor Monitor	Room Use	-1	1/1/1111	1	-
3	2025-08-12 15:43:32	Without Indoor Monitor	Issued By Superior	+2	Dnake	2	-
4	2025-07-22 11:44:33	Value-added Services	Issued By Superior	+1	Dnake	1	-

6.5 Security alarm

1. You can receive security alarms sending from this community's Indoor Monitors. You can view the records for recent one month.



The screenshot shows the 'Security Alarm' page in the DNAKE system. The top navigation bar is the same as the previous page. The main content area displays a search and filter section with fields for 'Alarm Time' (2025-07-22 00:00:00 to 2025-08-21 23:59:59), 'Alarm Device', 'Building No.', 'Unit No.', and 'Apartment No.'. A table lists the alarm records with columns: Item, Alarm Time, Alarm Device, Alarm Content, Alarm Location, Operation, and Building/Unit/Apartment. The table contains one entry: 'SOS' alarm at 2025-07-31 17:26:31. A pagination bar at the bottom shows 'Total 1' and '10/page'.

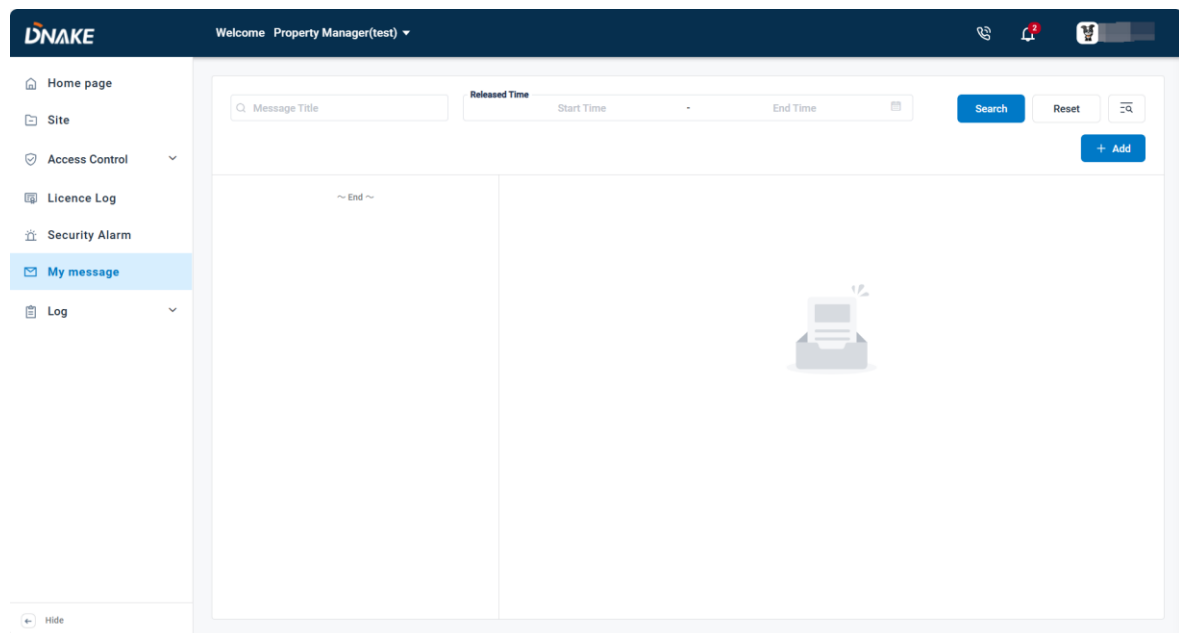
Item	Alarm Time	Alarm Device	Alarm Content	Alarm Location	Operation	Building/Unit/Apartment
1	2025-07-31 17:26:31	SOS	-	-	-	1 / 1 / 1

6.6 My message

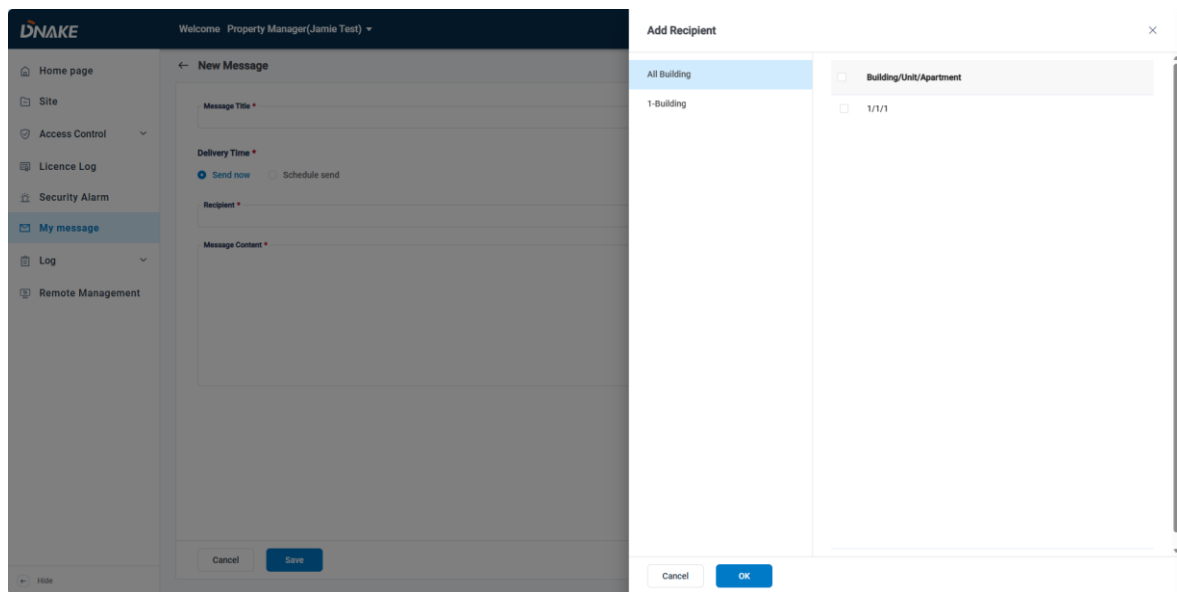
6.6.1 Send messages to resident

1. Here are the steps to send messages to resident

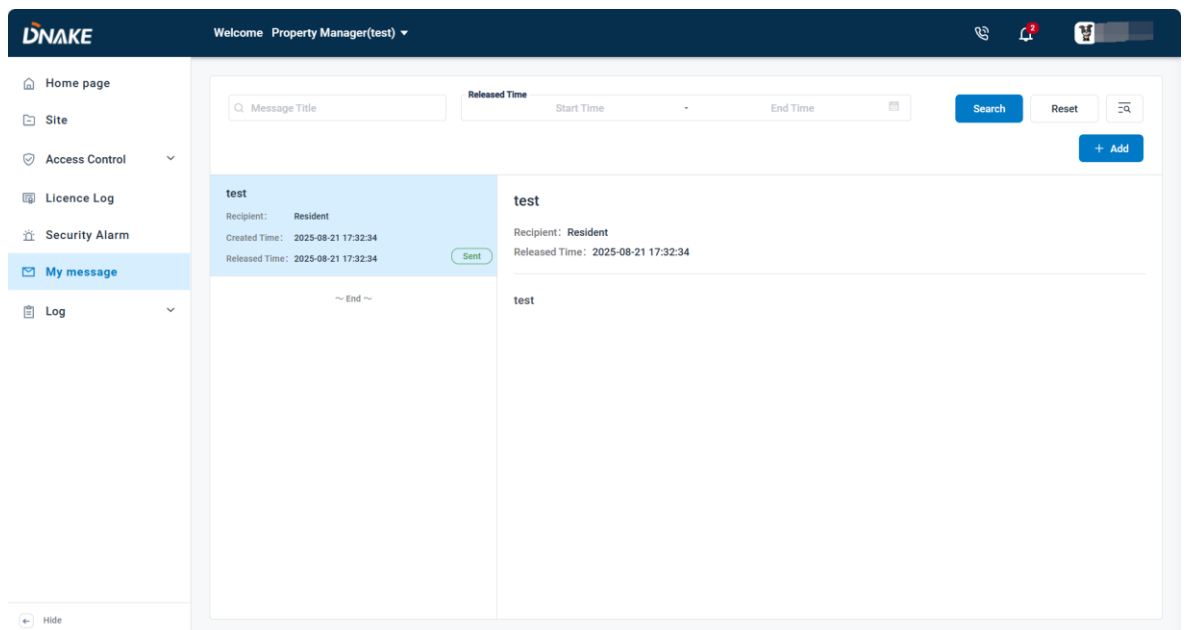
◆ Step 1: Go to My message column and click Add to edit a message.



◆ Step 2: Fill in message title and message content. Choose the recipient and the delivery time.



◆ Step 3: Click the message. You can check the message detail.

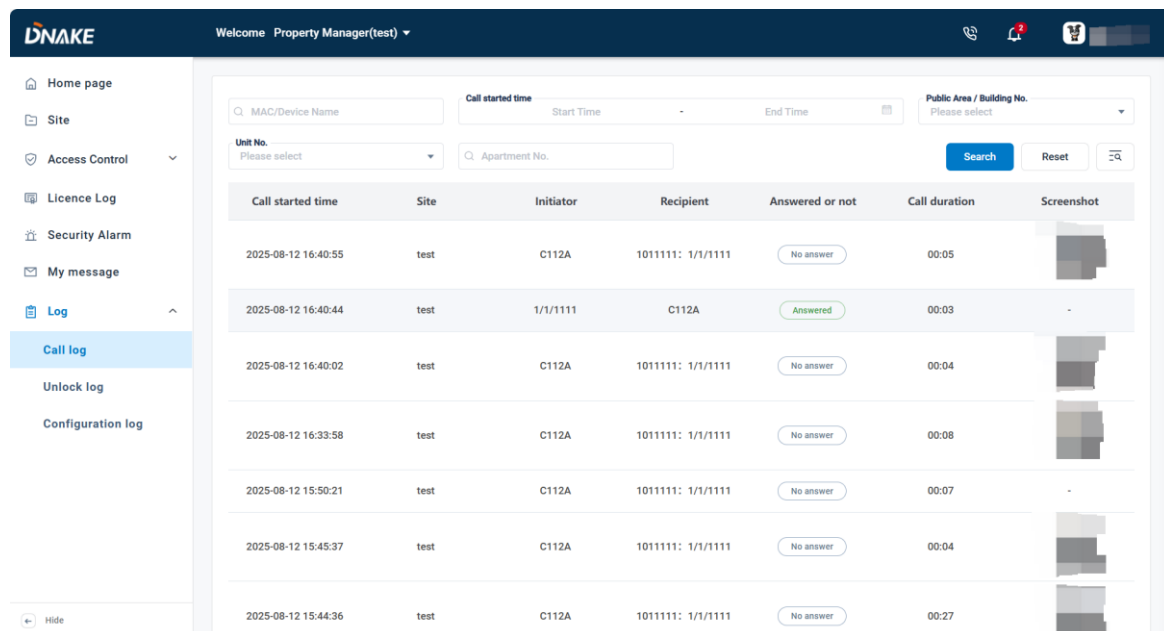







6.7 Log

6.7.1 Call log

1. You can check call logs of this community's devices. You can view the records

for recent one month.



Call started time	Site	Initiator	Recipient	Answered or not	Call duration	Screenshot
2025-08-12 16:40:55	test	C112A	1011111: 1/1/1111	No answer	00:05	
2025-08-12 16:40:44	test	1/1/1111	C112A	Answered	00:03	-
2025-08-12 16:40:02	test	C112A	1011111: 1/1/1111	No answer	00:04	
2025-08-12 16:33:58	test	C112A	1011111: 1/1/1111	No answer	00:08	
2025-08-12 15:50:21	test	C112A	1011111: 1/1/1111	No answer	00:07	-
2025-08-12 15:45:37	test	C112A	1011111: 1/1/1111	No answer	00:04	
2025-08-12 15:44:36	test	C112A	1011111: 1/1/1111	No answer	00:27	

6.7.2 Unlock log

1. You can check unlock logs of this community' s devices. You can view the records for recent one month.

1. You can check configuration logs of this community' s devices. You can view the records for recent one month.

Home page

Site

Access Control

Licence Log

Security Alarm

My message

Log

Call log

Unlock log

Configuration log

Welcome Property Manager(test)

🔍 ID

TimeStart TimeEnd Time

TypePlease select

ResultPlease select

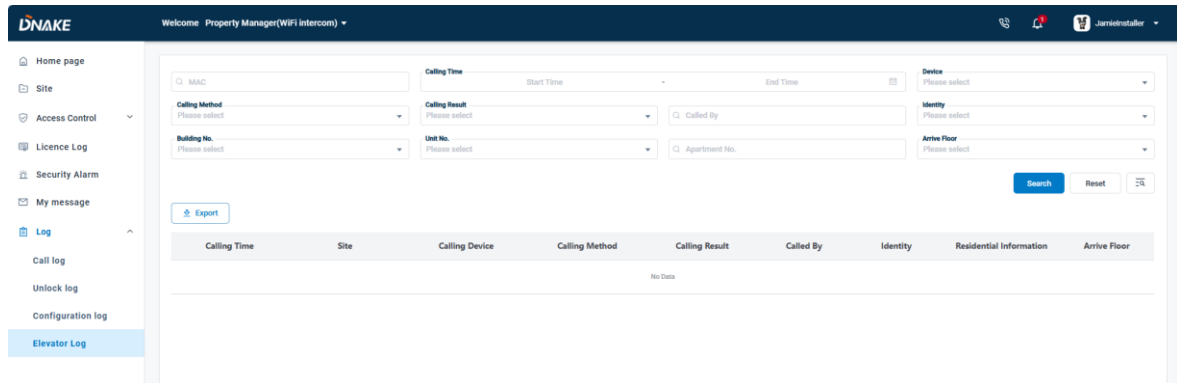
SearchReset

Time	ID	Type	Action	Result	Details
2025-08-12 15:51:35	[REDACTED]	Device	BATCH SYNC C112A	Success	📄
2025-08-12 15:44:04	[REDACTED]	Device	BATCH SYNC C112A	Success	📄
2025-08-12 15:43:43	[REDACTED]	Device	BATCH SYNC C112A	Success	📄

Total 310/page<1>

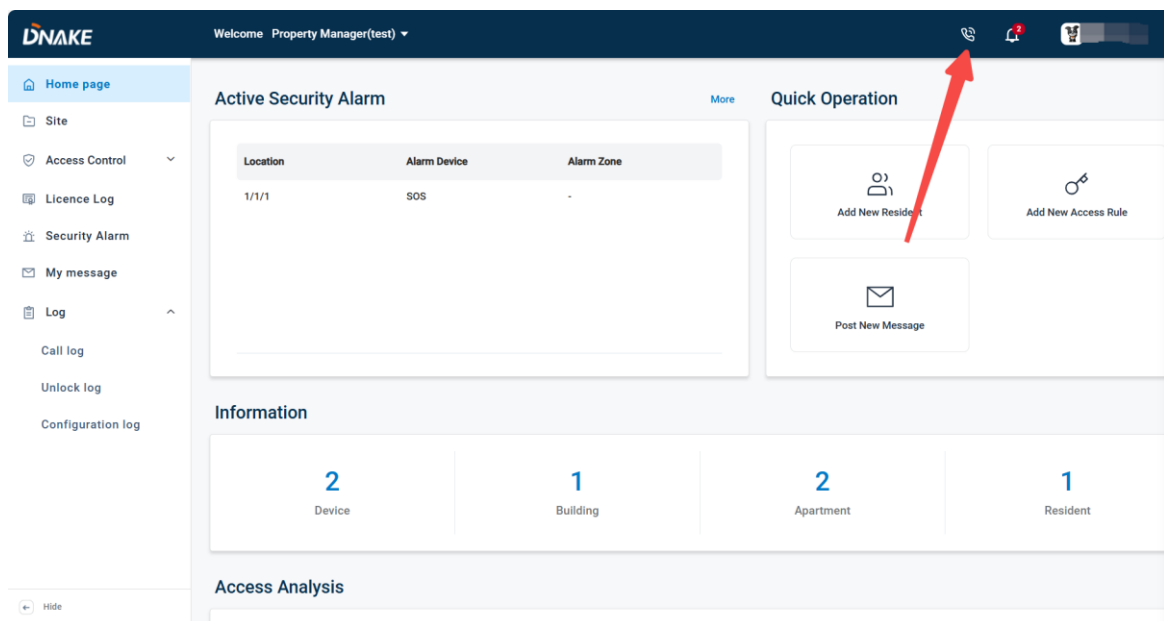
6.7.4 Elevator log

1. You can check elevator log if you have installed DNAKE Elevator Control Module. You can view the records for recent one month.



6.8 Contact Technical Support

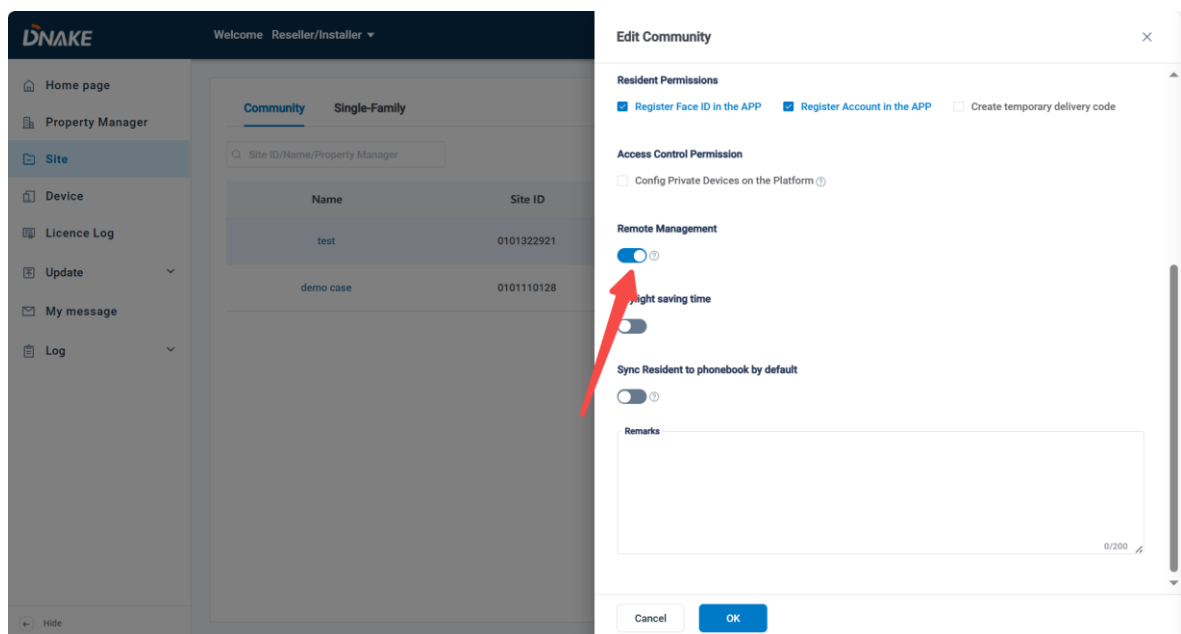
1. Property Manager can click Contact Installer to check the information about the technical support. Please make sure your Reseller/Installer set it up before.



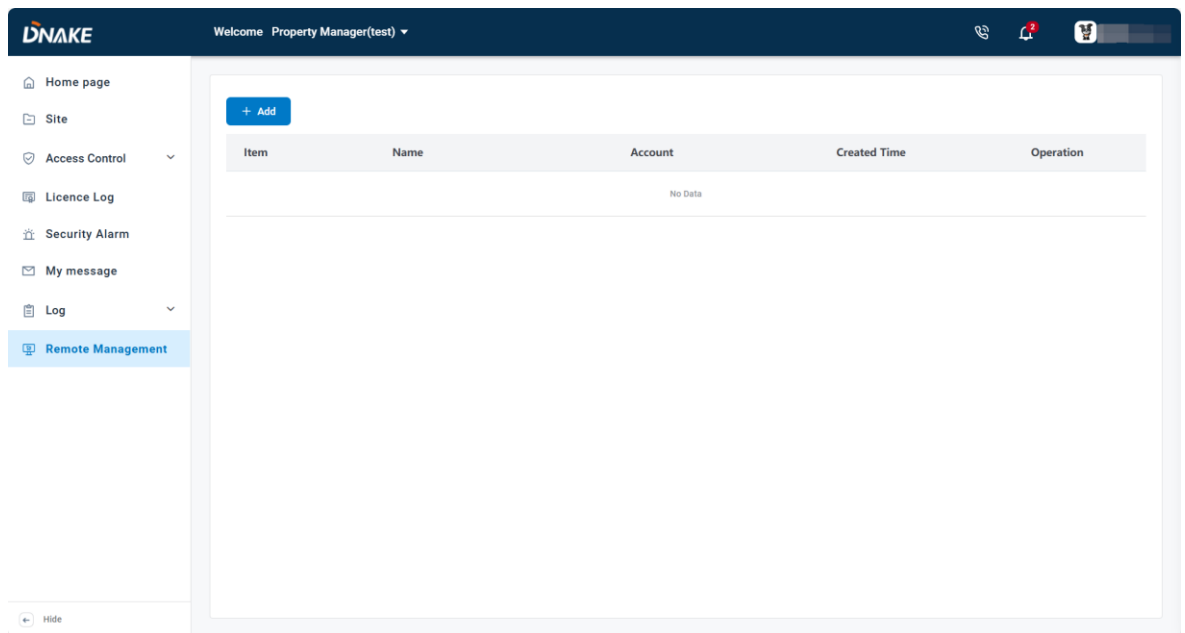
6.9 Remote Management

Enables property managers to use the Smart Pro, ensuring they stay connected while on patrol. With this functionality, security personnel no longer need to worry about missing calls. This enhances communication and allows property managers to provide better services to residents.

- ◆ Step 1: Log in to the installer account, go to the Site column and navigate to the desired site, then click Edit to enable Remote Management.



- ◆ Step 2: Log in to the Property Manager account, navigate to the Remote Management section, and click Add to create a Property Manager account for the app.



- ◆ Step 3: Enter the first name, last name, email address, and select the preferred language. You will then receive a registration email.

←

New Remote Manager

First name *

0/30

Last name *

0/30

Email *

0/60

Language

English

▼

(Email send to users will be in language users choose)

Cancel

Save

Noted: The Remote Management feature will not appear in the menu by default. To make it available, log in to the installer account, navigate to the Site, and enable the Remote Management feature. A valid license is required to activate this feature.

7. Appendix A:

American data center: (<https://us-cloud.dnake.com>)

Country code	Country or region	Country code	Country or region
1	United States	95	Myanmar
1	Canada	239	São Tomé and Príncipe
51	Peru	245	Guinea-Bissau
52	Mexico	246	British Indian Ocean Territory
54	Argentina	500	Falkland Islands
55	Brazil	502	Guatemala
56	Chile	591	Bolivia
57	Colombia	593	Ecuador
58	Venezuela	594	French Guiana
60	Malaysia	595	Paraguay
62	Indonesia	597	Suriname
63	Philippines	598	Uruguay
64	New Zealand	670	Timor-Leste
66	Thailand	672	Norfolk Island
81	Japan	674	Nauru
82	Republic of Korea	675	Papua New Guinea
84	Vietnam	677	Solomon Islands
1	United States	95	Myanmar
1	Canada	239	São Tomé and Príncipe
51	Peru	245	Guinea-Bissau
52	Mexico	246	British Indian Ocean Territory
54	Argentina	500	Falkland Islands
55	Brazil	502	Guatemala
56	Chile	591	Bolivia
57	Colombia	593	Ecuador
58	Venezuela	594	French Guiana

European data center: (<https://eu-cloud.dnake.com>)

Country code	Country or region	Country code	Country or region
7	Russia	241	Gabon
20	Egypt	242	Congo
27	South Africa	243	Congo (DRC)
30	Greece	244	Angola
31	Netherlands	248	Seychelles
32	Belgium	250	Rwanda
33	France	251	Ethiopia
34	Spain	252	Somalia
36	Hungary	253	Djibouti
39	Italy	254	Kenya
40	Romania	255	Tanzania
41	Switzerland	256	Uganda
43	Austria	257	Burundi
44	United Kingdom	258	Mozambique
45	Denmark	260	Zambia
46	Sweden	261	Madagascar
47	Norway	262	Mayotte
48	Poland	263	Zimbabwe
49	Germany	264	Namibia
61	Australia	265	Malawi
65	Singapore	266	Lesotho
90	Turkey	267	Botswana
92	Pakistan	268	Swaziland
93	Afghanistan	269	Comoros
94	Sri Lanka	291	Eritrea
212	Morocco	297	Aruba
213	Algeria	298	Faroe Islands
216	Tunisia	299	Greenland
218	Libya	350	Gibraltar
220	The Gambia	351	Portugal
221	Senegal	352	Luxembourg
222	Mauritania	353	Ireland
223	Mali	354	Iceland
224	Guinea	355	Albania

225	Côte d’ Ivoire	356	Malta
226	Burkina Faso	357	Cyprus
227	Niger	358	Finland
228	Togo	359	Bulgaria
229	Benin	370	Lithuania
230	Mauritius	371	Latvia
231	Liberia	372	Estonia
232	Sierra Leone	373	Moldova
233	Ghana	374	Armenia
234	Nigeria	375	Belarus
235	Chad	376	Andorra
236	Central African Republic	377	Monaco
237	Cameroon	378	San Marino
238	Cabo Verde	379	Vatican City
240	Equatorial Guinea	380	Ukraine
381	Serbia	995	Georgia
382	Montenegro	996	Kyrgyzstan
385	Croatia	998	Uzbekistan
386	Slovenia	1242	Bahamas
387	Bosnia and Herzegovina	1246	Barbados
389	Macedonian	1264	Anguilla
420	Czech Republic	1268	Antigua and Barbuda
421	Slovakia	1284	British Virgin Islands
423	Liechtenstein	1340	U.S. Virgin Islands
501	Belize	1345	Cayman Islands
503	El Salvador	1441	Bermuda
504	Honduras	1473	Grenada
505	Nicaragua	1649	Turks and Caicos Islands
506	Costa Rica	1664	Montserrat
507	Panama	1670	Northern Mariana Islands
508	Saint Pierre and Miquelon	1671	Guam
509	Haiti	1684	American Samoa
590	Saint Martin	1758	Saint Lucia
592	Guyana	1767	Dominica
596	Martinique	1784	Saint Vincent and the Grenadines
673	Brunei	1868	Trinidad and Tobago
676	Tonga		
679	Fiji		
680	Palau		
681	Wallis and Futuna		

685	Samoa		
687	New Caledonia		
688	Tuvalu		
689	French Polynesia		
691	Federated States of Micronesia		
692	Marshall Islands		
855	Cambodia		
856	Laos		
880	Bangladesh		
960	Maldives		
961	Lebanon		
962	Jordan		
964	Iraq		
965	Kuwait		
966	Saudi Arabia		
967	Yemen		
968	Oman		
971	United Arab Emirates		
972	Israel		
973	Bahrain		
974	Qatar		
975	Bhutan		
976	Mongolia		
977	Nepal		
992	Tajikistan		
993	Turkmenistan		
994	Azerbaijan		

Indian data center: (<https://ind-cloud.ss-iot.com/login>)

Country code	Country or region
91	Indian

SIP or landline supported countries and regions:

Country	SIP Call (APP)	Landline (Phone)
Peru	√	√
Mexico	√	√
Argentina	√	√
Brazil	√	√
Chile	√	√
Columbia	√	√
Venezuela	√	√
Falkland Islands	√	√
Guatemala	√	√
Bolivia	√	√
Ecuador	√	√
French Guyana	√	√
Paraguay	√	√
Suriname	√	√
Uruguay	√	√
Nauru	√	√
Cook Islands	√	√
Niue Island	√	√
Kiribati	√	√
USA	√	√
Canada	√	√
Puerto Rico	√	√
Bahamas	√	√
Belize	√	√
El Salvador	√	√
Honduras	√	√
Nicaragua	√	√
Costa Rica	√	√
Panama	√	√
Saint Pierre	√	Not Support
Haiti	√	√
Guadeloupe	√	√
Guyana	√	√
Martinique	√	√
Aruba	√	√

Tuvalu	√	√
Greenland	√	√
Virgin Islands	√	√
Anguilla	√	√
Saint Lucia	√	Not Support
Barbados	√	√
Jamaica	√	√
Hong Kong, China	√	√
Macao China	√	√
Taiwan, China	√	√
Malaysia	√	√
Indonesia	√	√
Philippines	√	√
Thailand	√	√
Japan	√	√
Korea	√	√
Vietnam	√	√
Myanmar	√	√
Timor-Leste	√	√
Singapore	√	√
Sri Lanka	√	√
Brunei	√	√
Cambodia	√	√
Laos	√	√
Bangladesh	√	√
Maldives	√	√
Bhutan	√	√
Mongolia	√	√
Nepal	√	√
India	√	√
Russia	√	√
UK	√	√
Germany	√	√
Italy	√	√
France	√	√
Greece	√	√
Netherlands	√	√
Belgium	√	√

Spain	√	√
Hungary	√	√
Romania	√	√
Switzerland	√	√
Austria	√	√
Denmark	√	√
Sweden	√	√
Norway	√	√
Poland	√	√
San Marino	√	√
Hungary	√	√
Yugoslavia	√	√
Gibraltar	√	√
Portugal	√	√
Luxembourg	√	√
Ireland	√	√
Iceland	√	√
Albania	√	√
Malta	√	√
Finland	√	√
Bulgaria	√	√
Lithuania	√	√
Latvia	√	√
Estonia	√	√
Moldova	√	√
Andorra	√	√
Ukraine	√	√
Croatia	√	√
Slovenia	√	√
BiH	√	√
Macedonia	√	√
Czech Republic	√	√
Slovakia	√	√
Liechtenstein	√	√
Faroe Islands	√	√
Monaco	√	√
Palestine	√	√
Sao Tome	√	√

Principe	√	√
Guinea-Bissau	√	Not Support
Tajikistan	√	√
Türkiye	√	√
Pakistan	√	√
Afghanistan	√	√
Armenia	√	√
Lebanon	√	√
Jordan	√	√
Iraq	√	√
Kuwait	√	√
Saudi Arabia	√	√
Yemen	√	√
Oman	√	√
United Arab Emirates	√	√
Israel	√	√
Bahrain	√	√
Qatar	√	√
Turkmenistan	√	√
Azerbaijan	√	√
Georgia	√	√
Kyrgyzstan	√	√
Uzbekistan	√	√
Cyprus	√	√
Egypt	√	√
South Africa	√	√
Morocco	√	√
Algeria	√	√
Tunisia	√	√
Libya	√	√
Gambia	√	√
Senegal	√	√
Mauritania	√	√
Mali	√	√
Guinea	√	√
Cote d'Ivoire	√	√
Burkina Faso	√	√
Niger	√	√

Togo	√	√
Benin	√	√
Mauritius	√	√
Liberia	√	√
Sierra Leone	√	√
Ghana	√	√
Nigeria	√	√
Chad	√	√
Central African	√	√
Cameroon	√	√
Cape Verde	√	√
Equatorial Guinea	√	√
Gabon	√	√
Congo	√	√
Zaire	√	Not Support
Angola	√	√
Seychelles	√	√
Rwanda	√	√
Ethiopia	√	√
Somalia	√	√
Djibouti	√	√
Kenya	√	√
Tanzania	√	√
Uganda	√	√
Burundi	√	√
Mozambique	√	√
Zambia	√	√
Madagascar	√	√
Reunion Island	√	√
Zimbabwe	√	√
Namibia	√	√
Malawi	√	√
Lesotho	√	√
Botswana	√	√
Eswatini	√	√
Comoros	√	√
Eritrea	√	√
Vatican	√	√

New Zealand	√	√
Solomon Islands	√	√
Vanuatu	√	√
Australia	√	√
Tonga	√	√
Fiji	√	√
Western Samoa	√	√