



## X67S Doorphone User Manual

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## 1 Product Overview

### 1.1 Product Introduction

X67S is a 7-inch touchscreen network indoor monitor with audio and video intercom, access control, monitoring and alarm functions. It can be used in applications such as villas, residential buildings, and more.

This product supports four configuration methods: direct hardware configuration, backend configuration, IDMC configuration and Nex Smart Cloud Platform Configuration.



## 1.2 Interface Introduction

**Ethernet (POE)** : Provides both power and network connectivity

**12V-15V/GND:** External power input

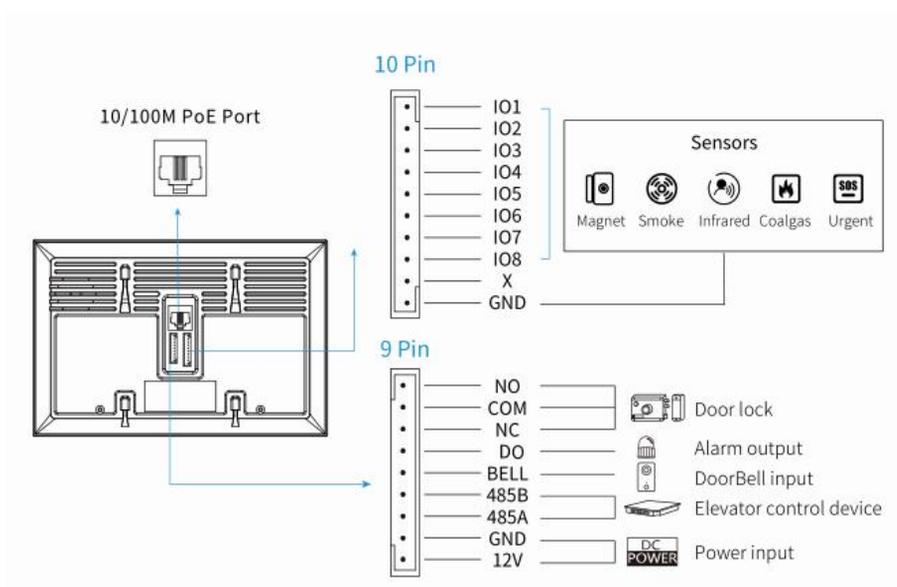
**NO/COM/NC:** Relay control port

**IO1- IO8/GND:** Used to connect eight different alarm sensing devices.

**RS485A/B:** RS485 port,elevator interface

**DO:** Alarm output.

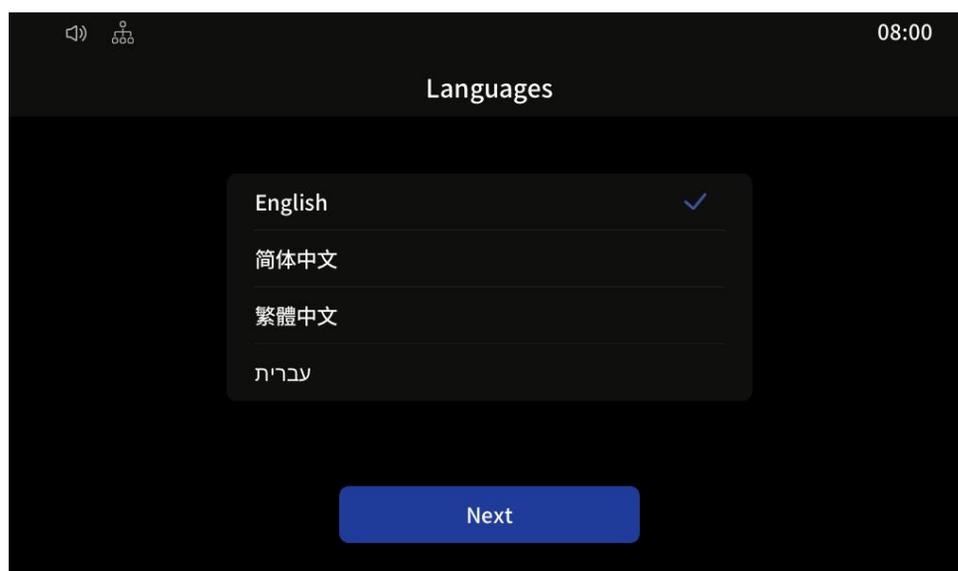
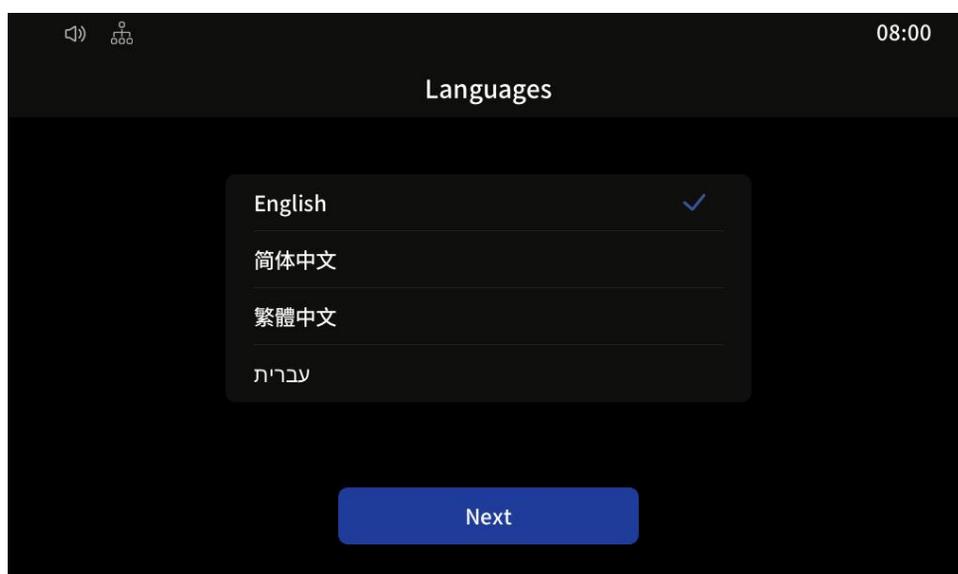
**BELL:** Doorbell

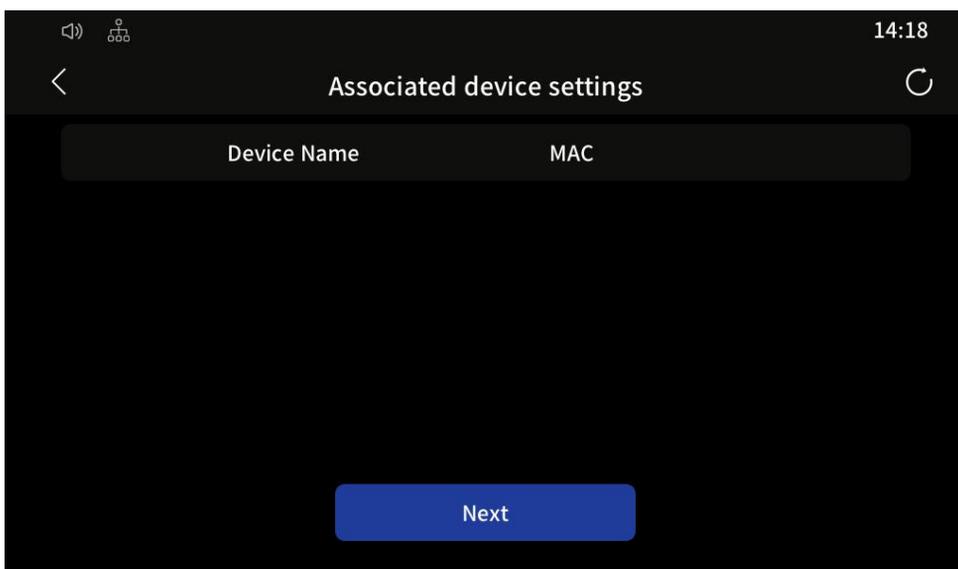
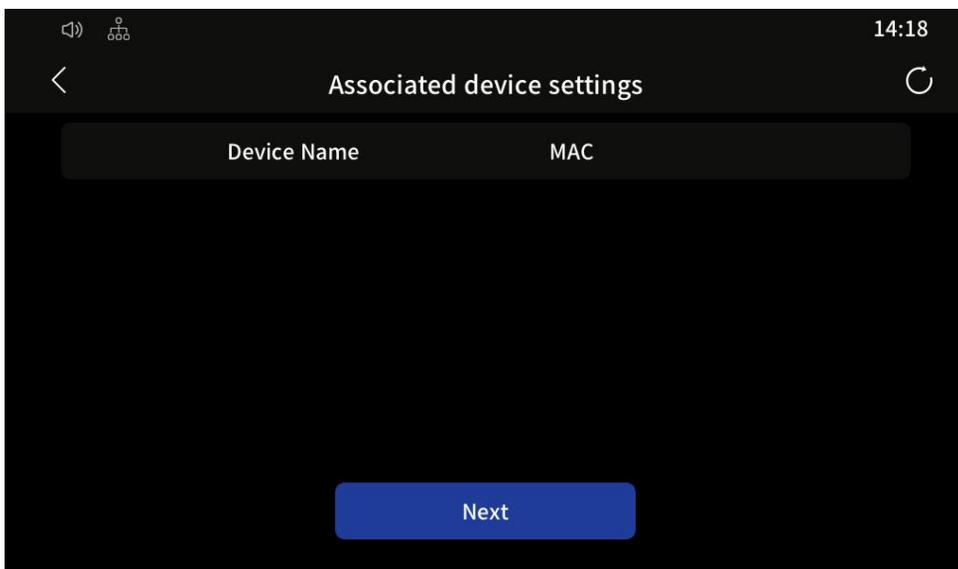
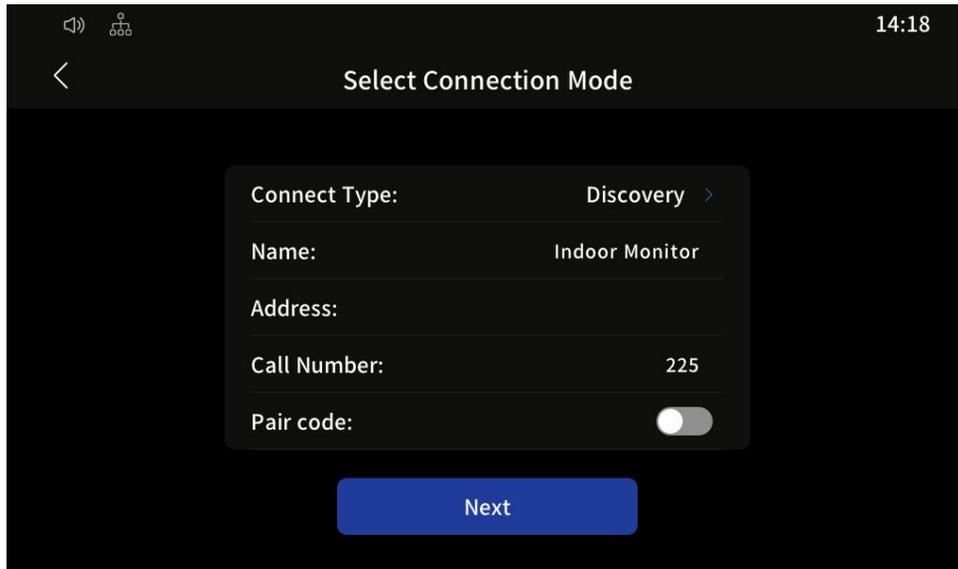


## 2 User Guide

### 2.1 First configuration

When starting the device for the first time, the user must perform language configuration (Simplified Chinese, Traditional Chinese, English, Hebrew), network configuration (DHCP, static IP), connection type setting (Discovery, Cloud), and mode selection (General mode, Doorbell mode, Access mode, Directory mode)



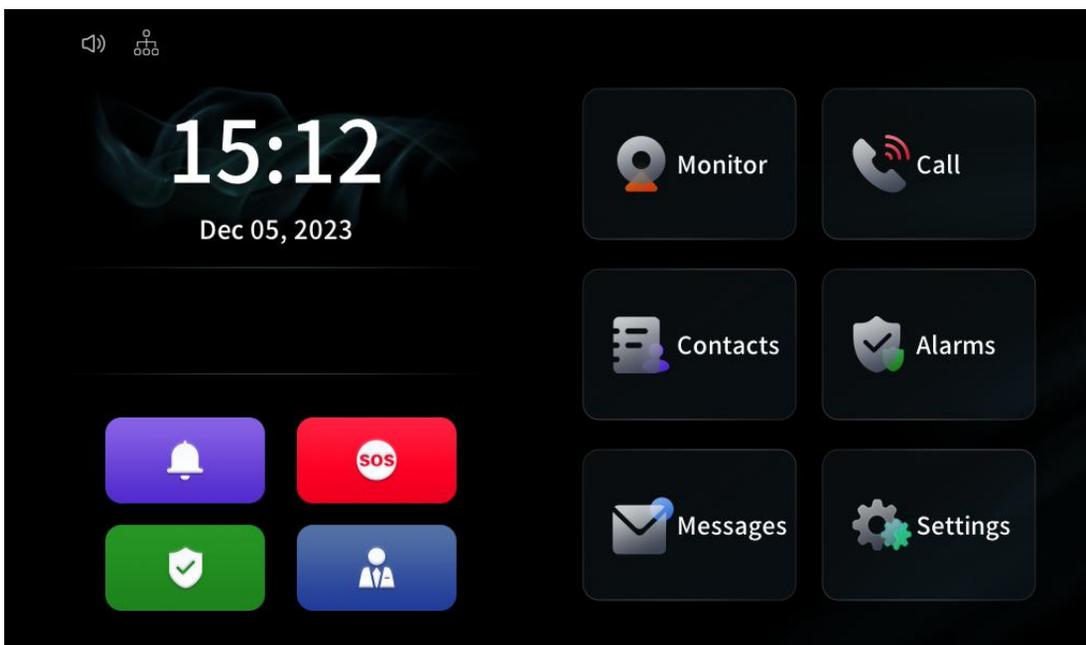


## 2.2 Dialing

### 2.2.1 Outgoing Calls

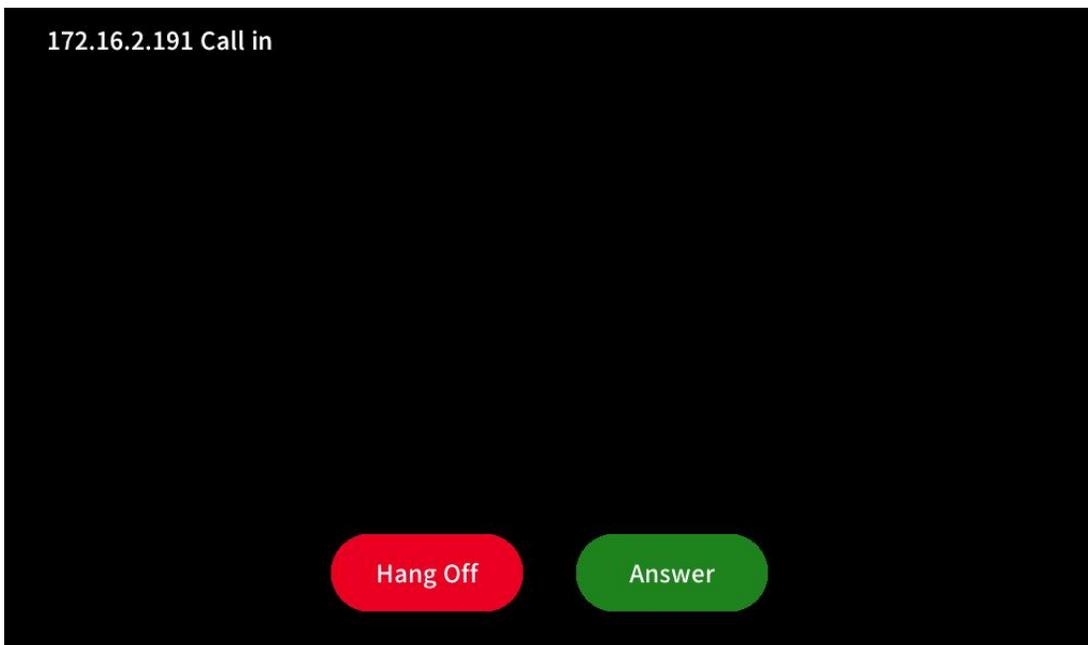
By clicking the **call** button on the main screen, you can enter the call interface. You can directly click the dial button to start the call, or enter the call number or SIP account on the keyboard and click the call button to make the call. Alternatively, you can click on the address book on the main screen and select the device you want to call from the list to initiate the call.

This device supports group calling function, which means it can simultaneously call multiple indoor units. Simply select the group you want to call from the address book



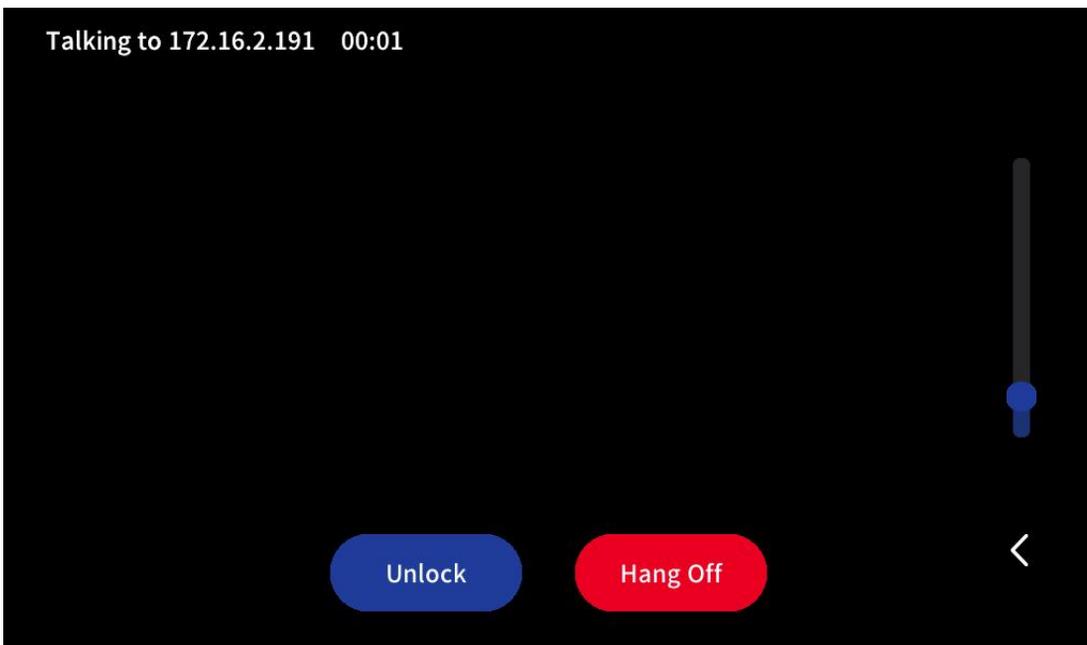
## 2.2.2 Incoming Calls

When there is an incoming call and automatic answer is not enabled on the web, click the green answer button on the screen to answer the conversation, and click the red hang up button to hang up the call.



## 2.2.3 During a call

After clicking the green button to answer, enter the call interface. The volume bar on the right can adjust the call volume. Clicking the red button at the bottom of the interface will end the call.

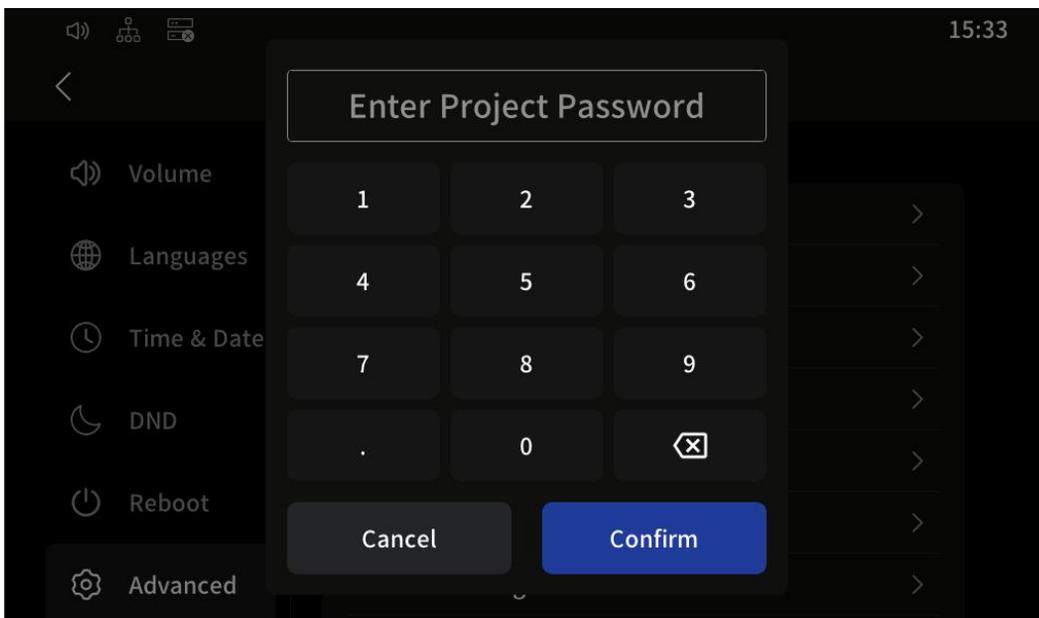


## 3 Configuration Tutorial

### 3.1 Accessing the Backend Interface

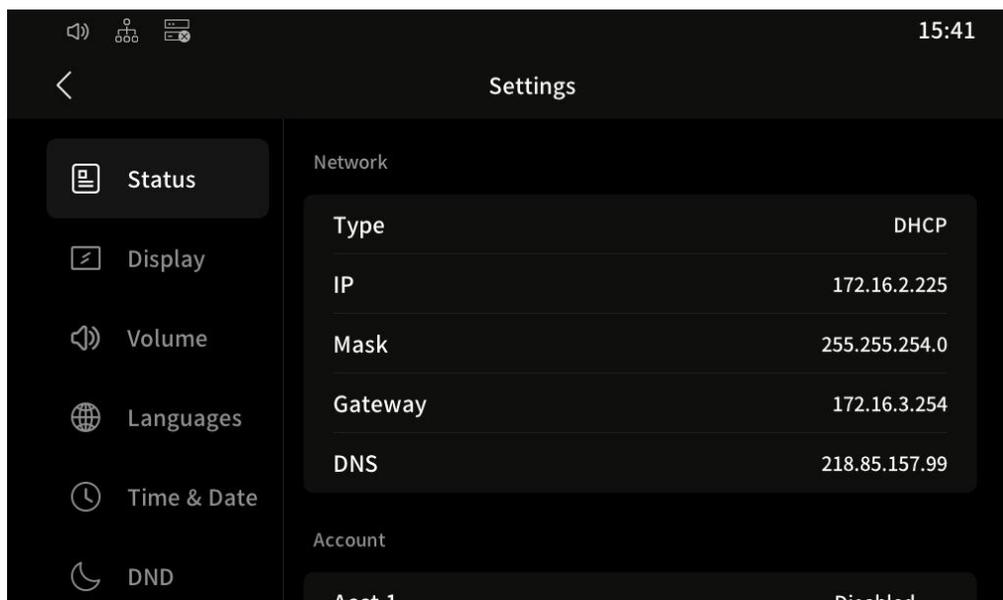
#### 3.1.1 Accessing the Device-side Backend

- ① Click on dialing button on the main interface.
- ② Enter 9999 and call to pop up the project password menu.
- ③ Enter the password 3888 and click OK to enter the device backend interface.



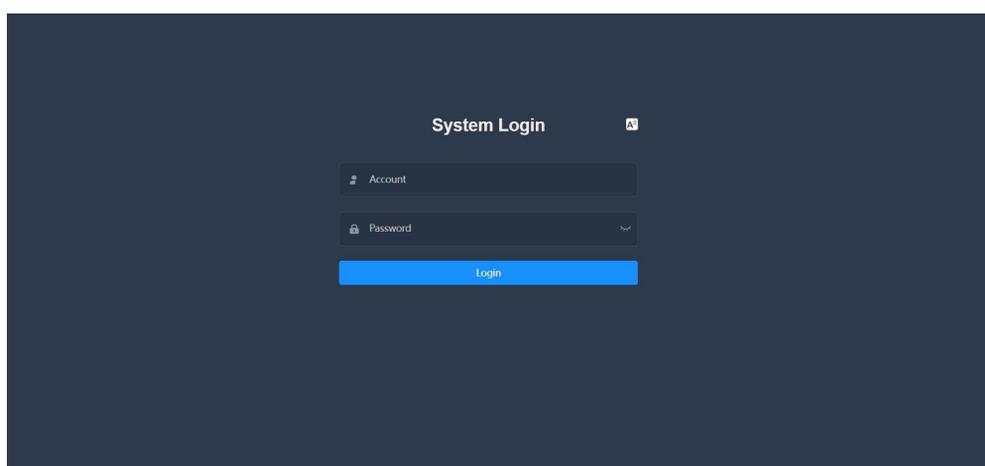
## 3.1.2 Checking the Device IP Address

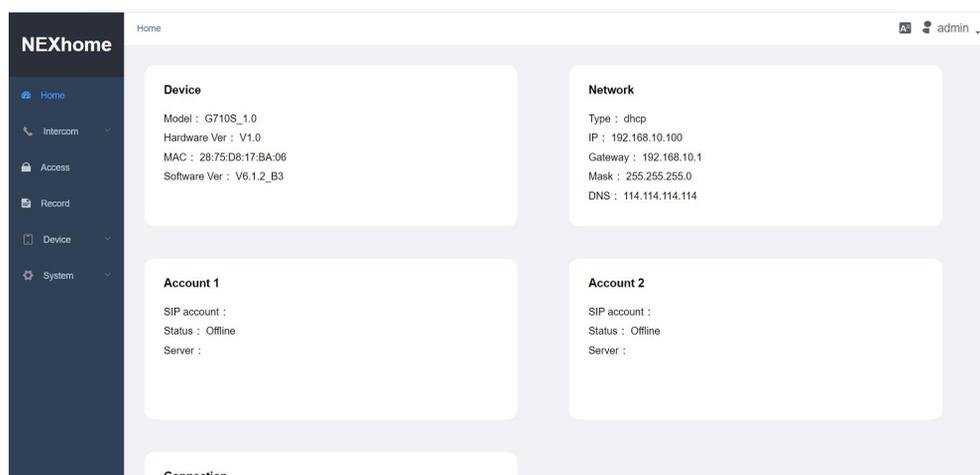
After entering the device backend, click the status information button to view the device's network address.



## 3.1.3 Accessing the Web-side Backend

Enter the network address of the device on the webpage, click Enter to enter the web backend login interface, enter the account (default is admin) and password (default is 123456), and click Login to enter the web backend.





## 3.2 Intercom Configuration

### 3.2.1 Address Book Setting

In the web backend, you can view existing address books in the intercom address book, and you can click the add button at the top right to add new contacts. The add button at the bottom right can create a new contact group. When creating a new contact, it is necessary to fill in the contact's display name, call number, and SIP number.

The screenshot displays the NEXhome web interface. On the left is a dark sidebar with navigation options: Home, Intercom, Contacts, Account, Advanced, RTSP, Access, Record, Device, and System. The main content area is titled 'Contacts' and features a search bar, a dropdown for 'SIP account' (set to 'All'), and '+ Add' and 'Delete' buttons. Below this is a table with columns: Index, Contact Name, Call number, SIP number, Top, Group, SIP account, Email, Source, and Actions. Three contacts are listed. Below the table is a 'Group' section with a table showing Group name, Source, and Actions. Three groups are listed. '+ Add' and 'Delete' buttons are also present for the groups section.

Index	Contact Name	Call number	SIP number	Top	Group	SIP account	Email	Source	Actions
1	222, building01	01222	grpxf0wxyf3yu b959c8q9rt	No	Server	Account 1		Server	
2	CYX	002	MapowQ6YgV nIHJ4BvpojaQ	No	Default	Account 1		Local	
3	YWL	001	M3tZiapuoRz AVXsnstYLN T I	No	Default	Account 1		Local	

Index	Group name	Source	Actions
1	Default	Local	
2	Discover	Discover	
3	Server	Server	

After selecting a contact on the left side of the contact list, you can click the delete button in the upper right corner to delete the local contact; After selecting a contact group on the left side of the contact list, you can also click the corresponding delete button on the right side to delete the contact group, which supports batch deletion.

To edit a contact or contact group, you can enter the editing interface by clicking the edit button at the far right of the list.

Add ×

\* Contact Name

\* Call number

\* SIP number

SIP account  Account 1  Account 2  IP Calling

Group

Email

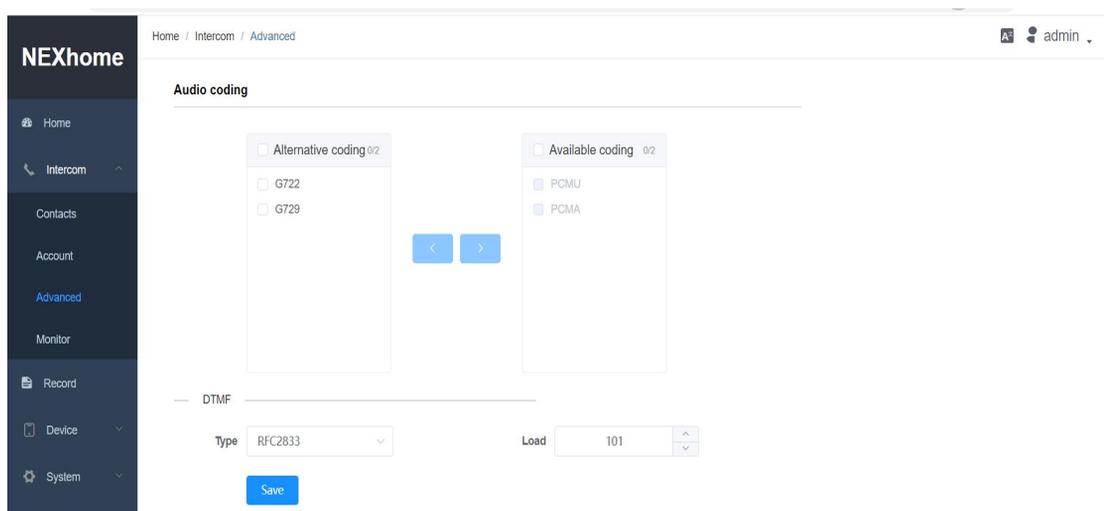
Top

## 3.2.2 Call Setting

In the web backend, you can view the audio encoding in Intercom-Advanced, set the available encoding, and set the DTMF type and load.

You can also view the call settings in Intercom-Advanced, where you can set the maximum talk time, maximum call-out time, maximum call-in time, whether to enable auto-answer or not, and the delay time for auto-answer. You can also set the DND mode and SOS number.

In Advanced-Auto Answer, you can set whether to activate auto answer and the delay time of auto answer, and you can also set the whitelist for auto answer.



**NEXhome**

- Home
- Intercom
- Contacts
- Account
- Advanced
- Monitor
- Record
- Device
- System

**Call settings**

\* Maximum talk time:  Minute

\* Maximum call-out time:  Second

\* Maximum call-in time:  Second

\* Group Calling:

[Save](#)

**DND**

Enable:

DND period:  To

[Save](#)

**SOS**

Call Number 1:

\* Call Timeout:

Call Number 2:

\* Loop:

Call Number 3:

\* Long-Press Time:

[Save](#)

[Save](#)

**Auto Answer**

Enable:

\* Auto Answer Delay:  Second

Auto Answer Mode:

Enable Whitelist:

[Save](#)

**Auto Answer Whitelist**

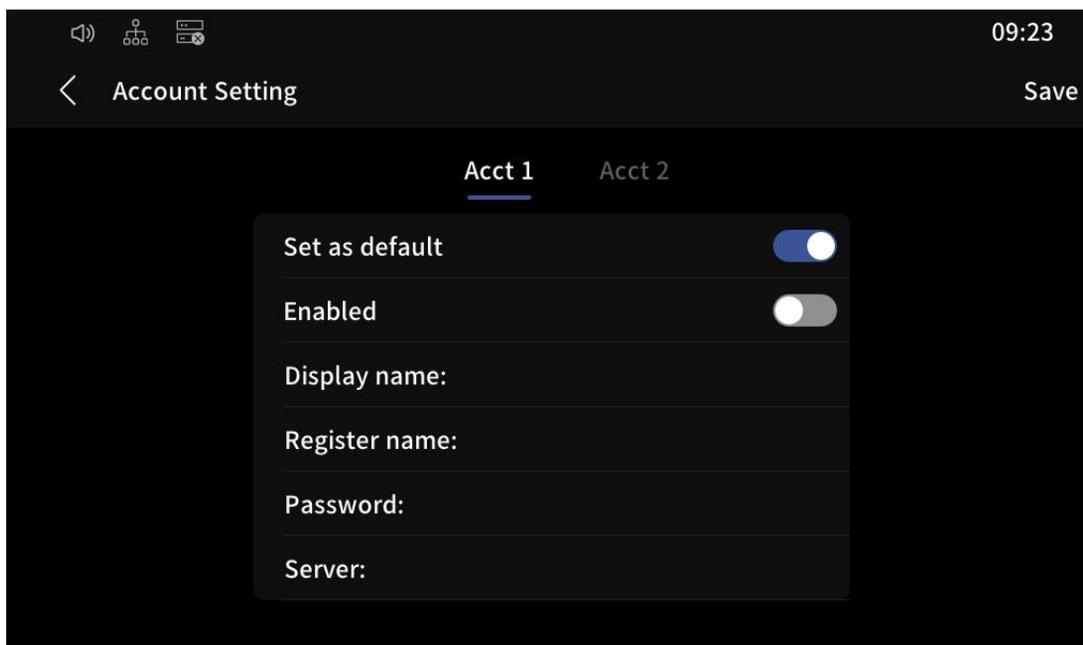
Contact:  [Search](#) [+ Add](#) [Delete](#)

<input type="checkbox"/>	Index	Contact Name	Call number	SIP number	Actions
No Data					

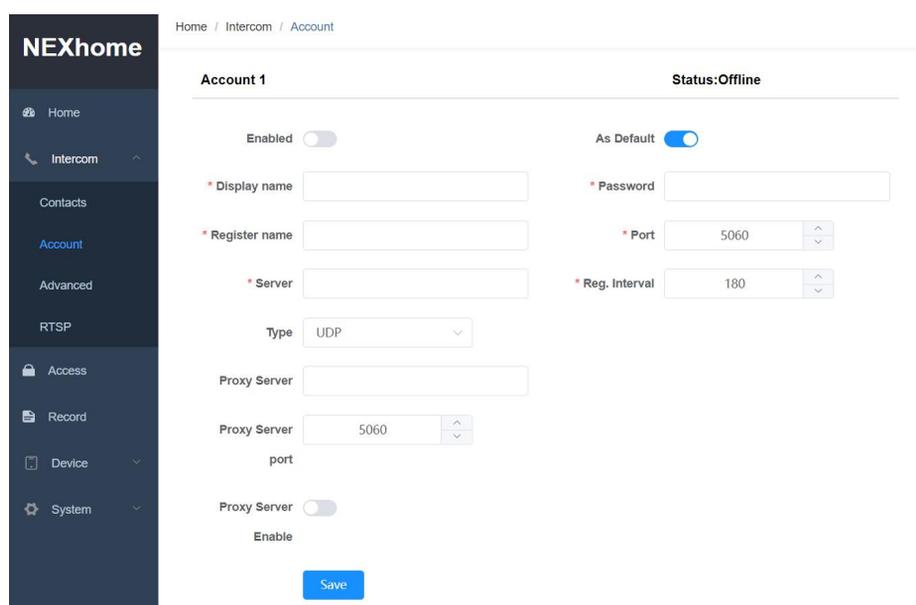
Total 0  [<](#) [1](#) [>](#) Go to

## 3.2.3 SIP Account Setting

In the device backend, enter the **Advanced** settings, click the **Account Setting** button to set the SIP account information.



In the web backend, you can set up a SIP account in the intercom account.



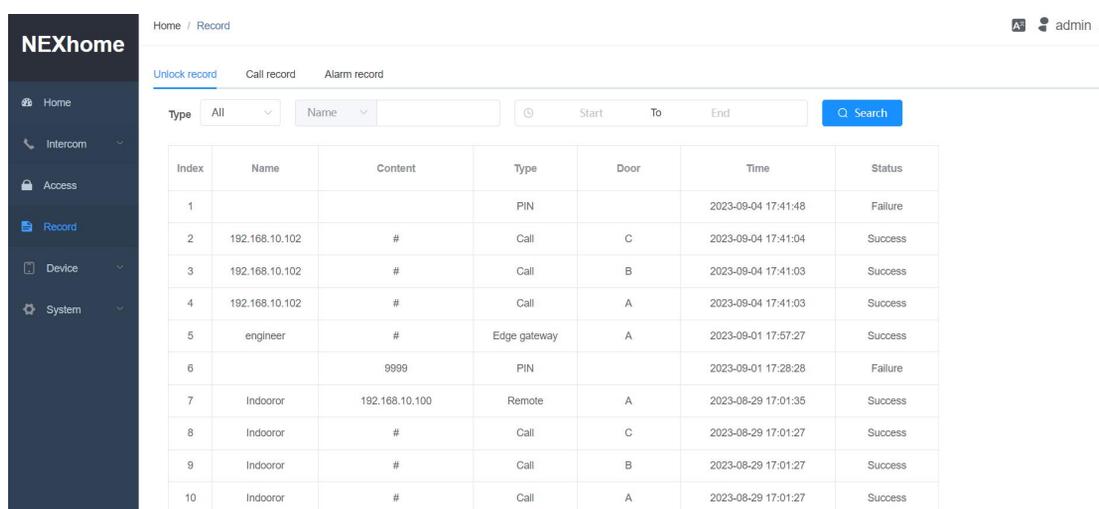
## 3.3 System Logs

### 3.3.1 Record

In the web backend, various records of the device can be viewed in the **Record**, including the following:

**Call record:** Record of the calling party and the record of being called

**Alarm Record:** Device alarm record including magnet alarm and dismantle alarm

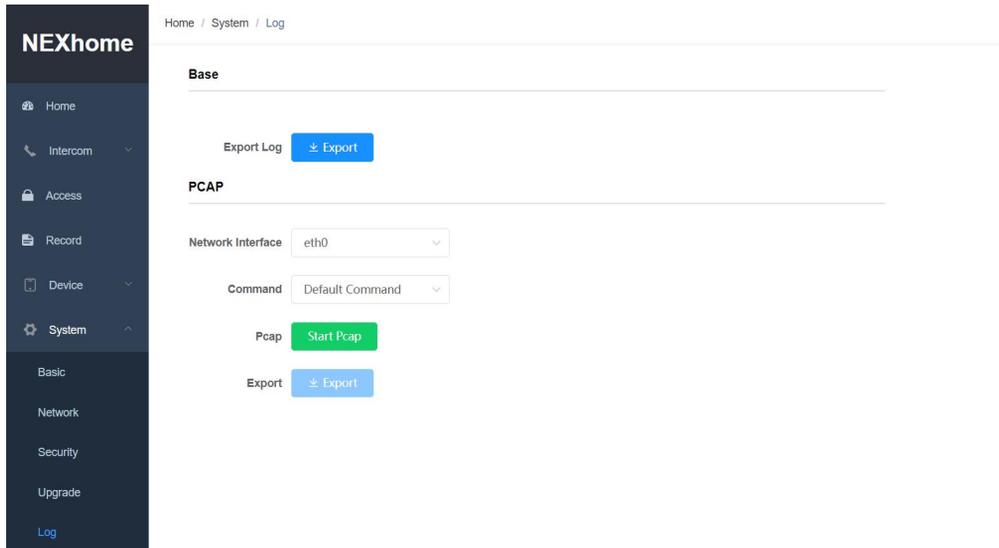


The screenshot shows the NEXhome web interface. On the left is a dark sidebar with navigation options: Home, Intercom, Access, Record (highlighted), Device, and System. The main content area is titled 'Home / Record' and includes a user profile 'admin'. Below the title are tabs for 'Unlock record', 'Call record', and 'Alarm record'. A search bar is present with a 'Type' dropdown set to 'All', a 'Name' dropdown, and input fields for 'Start', 'To', and 'End', followed by a 'Search' button. The main area contains a table with 10 rows of log entries.

Index	Name	Content	Type	Door	Time	Status
1			PIN		2023-09-04 17:41:48	Failure
2	192.168.10.102	#	Call	C	2023-09-04 17:41:04	Success
3	192.168.10.102	#	Call	B	2023-09-04 17:41:03	Success
4	192.168.10.102	#	Call	A	2023-09-04 17:41:03	Success
5	engineer	#	Edge gateway	A	2023-09-01 17:57:27	Success
6		9999	PIN		2023-09-01 17:28:28	Failure
7	Indooror	192.168.10.100	Remote	A	2023-08-29 17:01:35	Success
8	Indooror	#	Call	C	2023-08-29 17:01:27	Success
9	Indooror	#	Call	B	2023-08-29 17:01:27	Success
10	Indooror	#	Call	A	2023-08-29 17:01:27	Success

## 3.3.2 Logs and Packet Grabbing

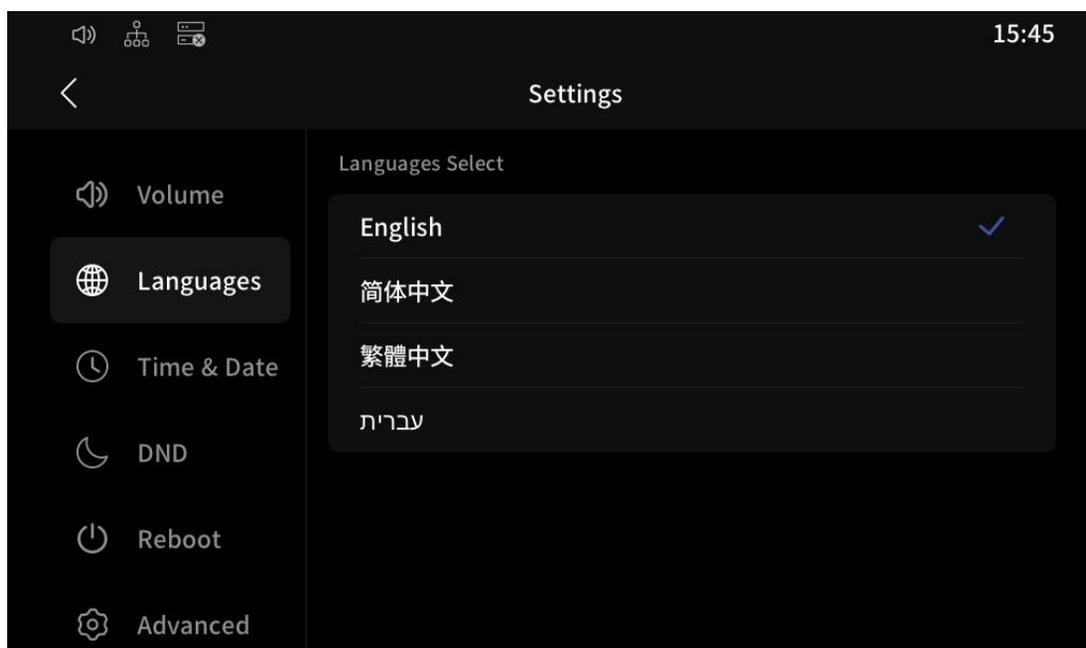
In the backend of the web side ,enter System - Log setting, you can export the logs in .tgz zip format which can also be grabbed.

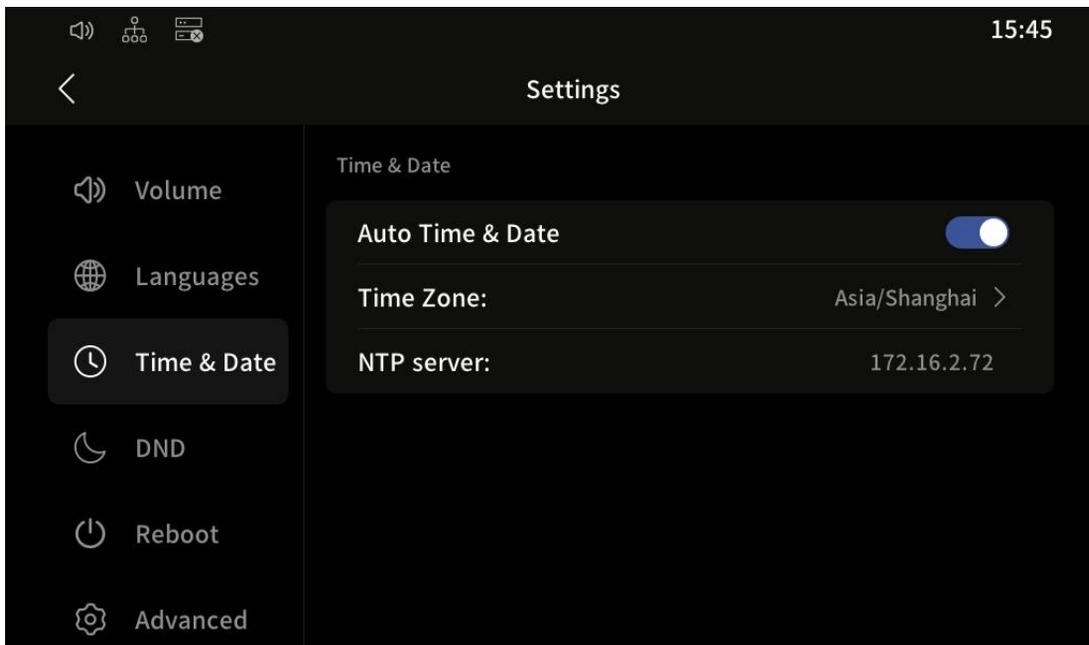
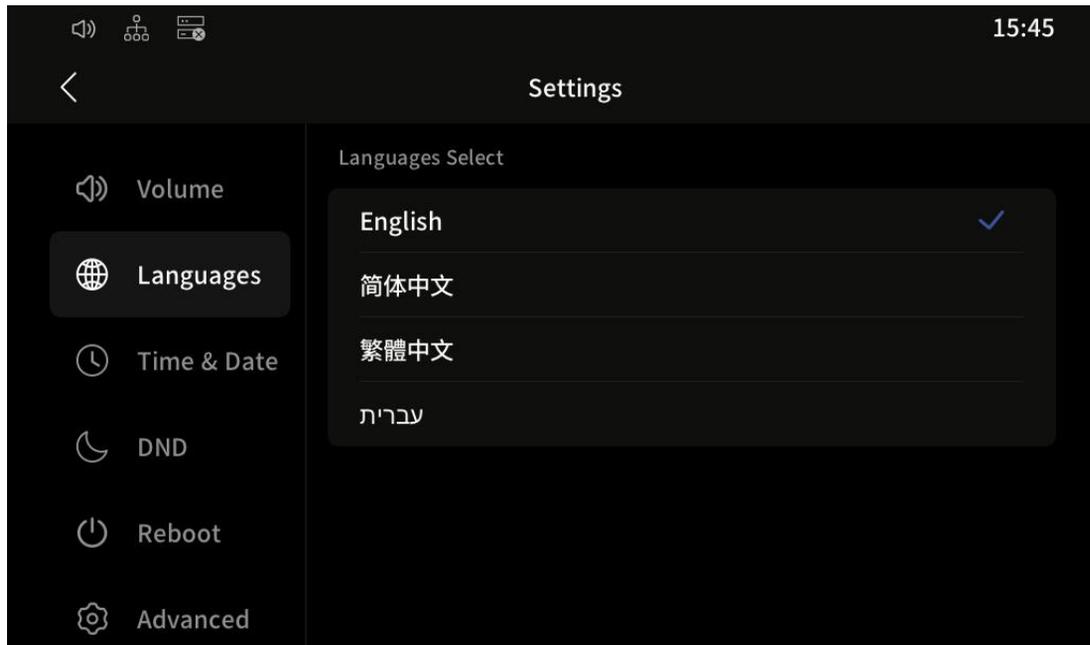


## 3.4 System Settings

### 3.4.1 Language, Volume, and Time

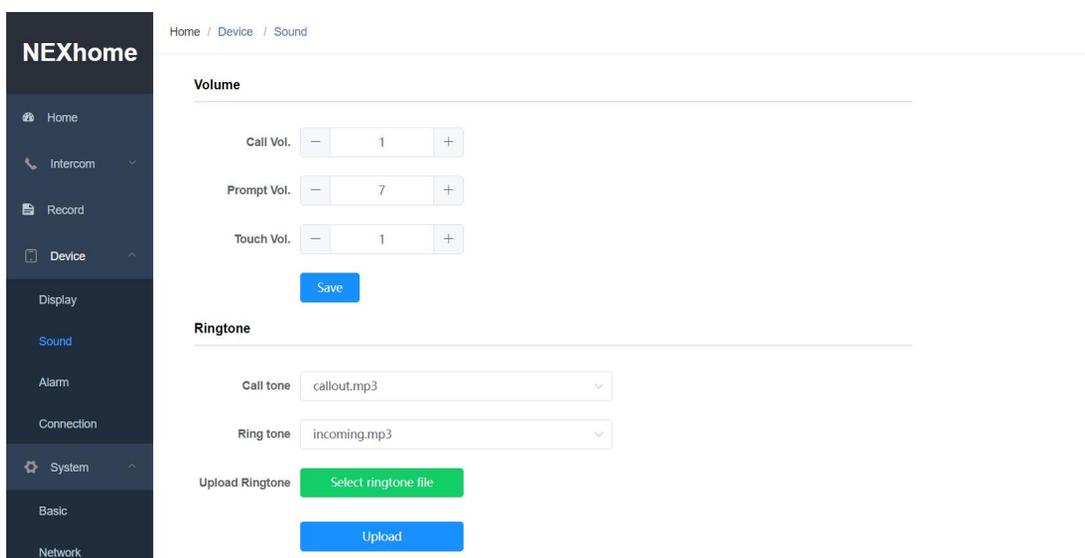
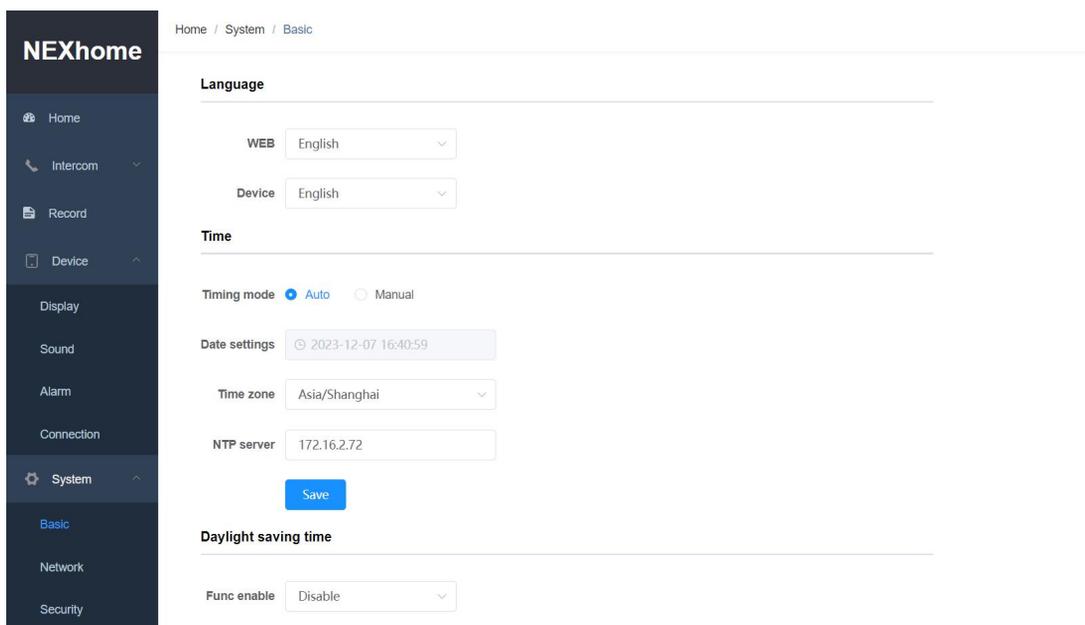
On the device backend page, click on **Languages** settings to change the device display language. Currently, it supports Simplified Chinese, Traditional Chinese, English, and Hebrew. Click on the **Volume** settings to set the call volume, prompt volume, touch volume and alarm volume, it is also possible to change the device's call ringtone and incoming call ringtone. Click on **Time&Data** settings to set the time zone and the time server to connect to. You can also cancel automatic settings and manually set the device time instead.





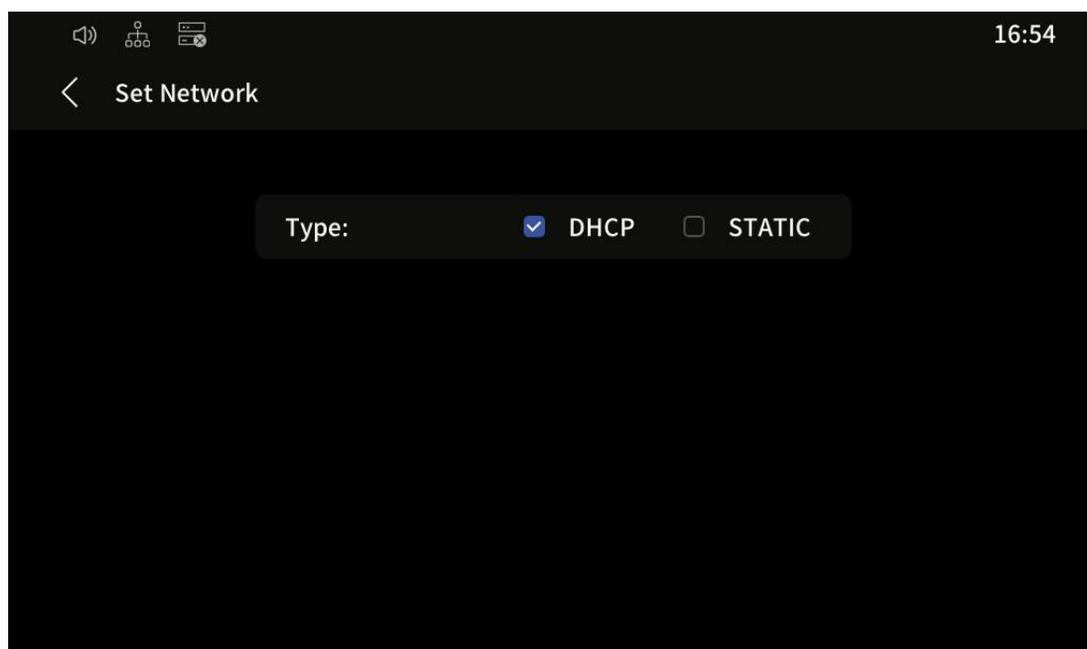
In the web side, you can set the language of the web in the upper right corner of the page, which supports Simplified Chinese, Traditional Chinese and English. In System-Basic Settings, you can set the language of web and device, and you can also set the Time zone and NTP server, also there are two ways of automatic time

calibration and manual time calibration. In Device-Sound Settings, you can set the call volume, prompt volume, touch volume and alarm volume.

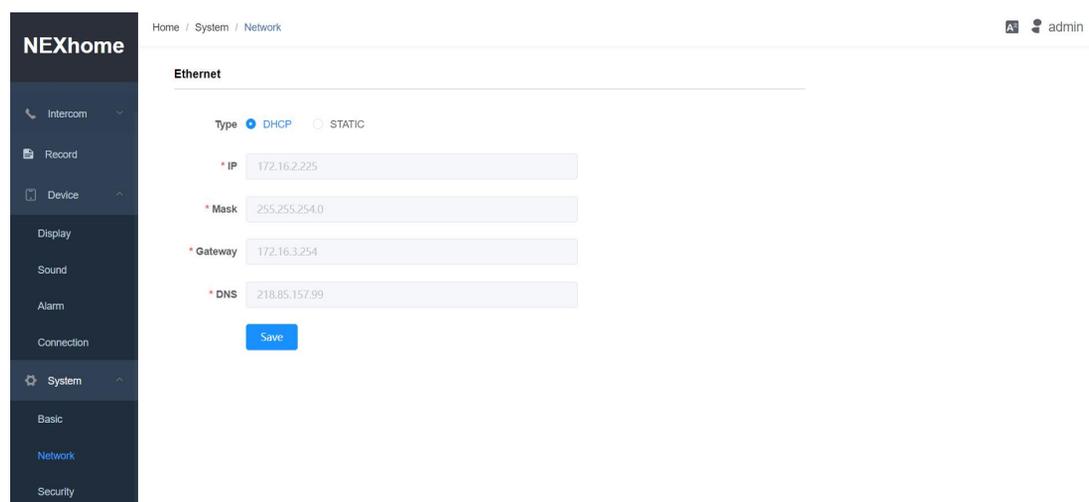


## 3.4.2 Network Settings

In the device **advanced** setting, click on **Address** setting to change the current network settings and select DHCP or static IP settings.



In the **System-Network** settings on the web side, you can also choose DHCP or static IP settings.



### 3.4.3 Password Settings

In the **System-Security** settings on the web side, the password for logging into the web interface can be changed.

Home / System / Security

#### Change Password

\* Old password

\* New password

\* Confirm password

[Save](#)

### 3.4.4 Firmware Upgrade

In the **System-Upgrade** of the web side, you can view the current version number of the device and use the .bin file to upgrade the device software.

Home / System / Upgrade

**NEXhome**

- Intercom
- Record
- Device
- Display
- Sound
- Alarm
- Connection
- System**
- Basic
- Network
- Security
- Upgrade

**Basic**

Model **X67S**

Hardware Ver **V1.0**

Software Ver **V6.1.4\_37**

Upgrade File [Choose bin file](#)

[Upgrade](#)

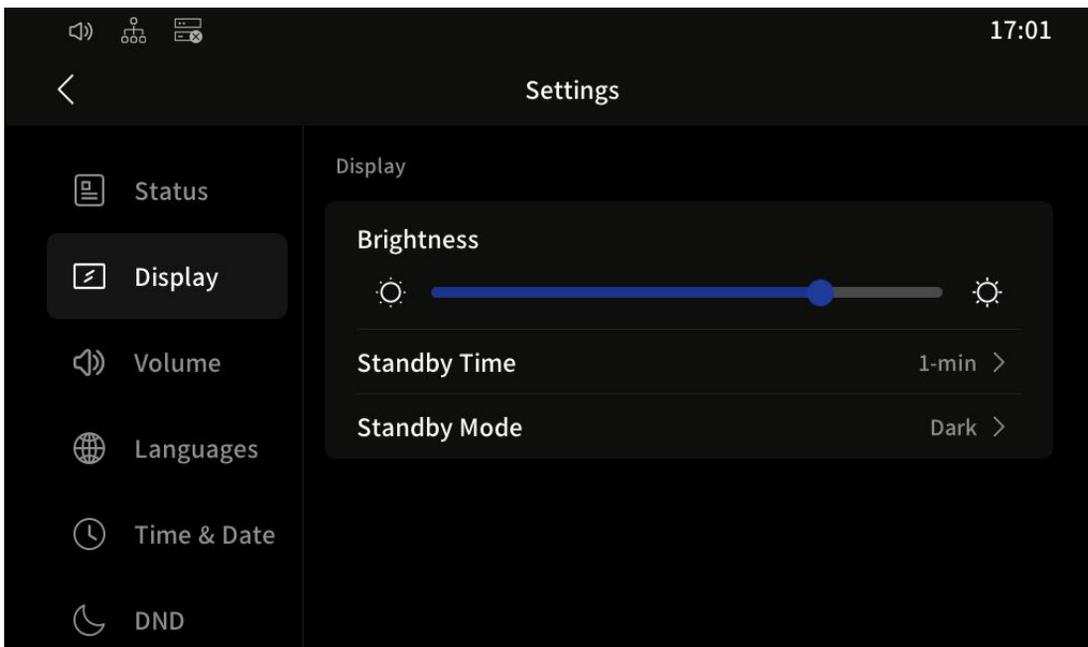
**Control**

Reboot [Reboot](#)

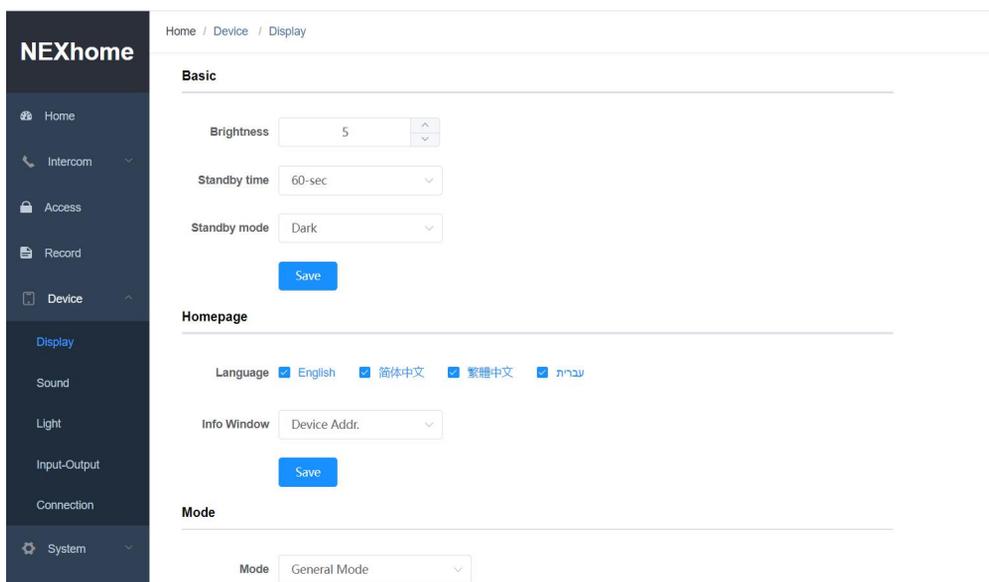
Factory reset [Reset](#)

## 3.4.5 Screen Settings

On the backend of the device side, click the **Display** button to set the standby mode and standby time of the device, and also to change the brightness of the screen.

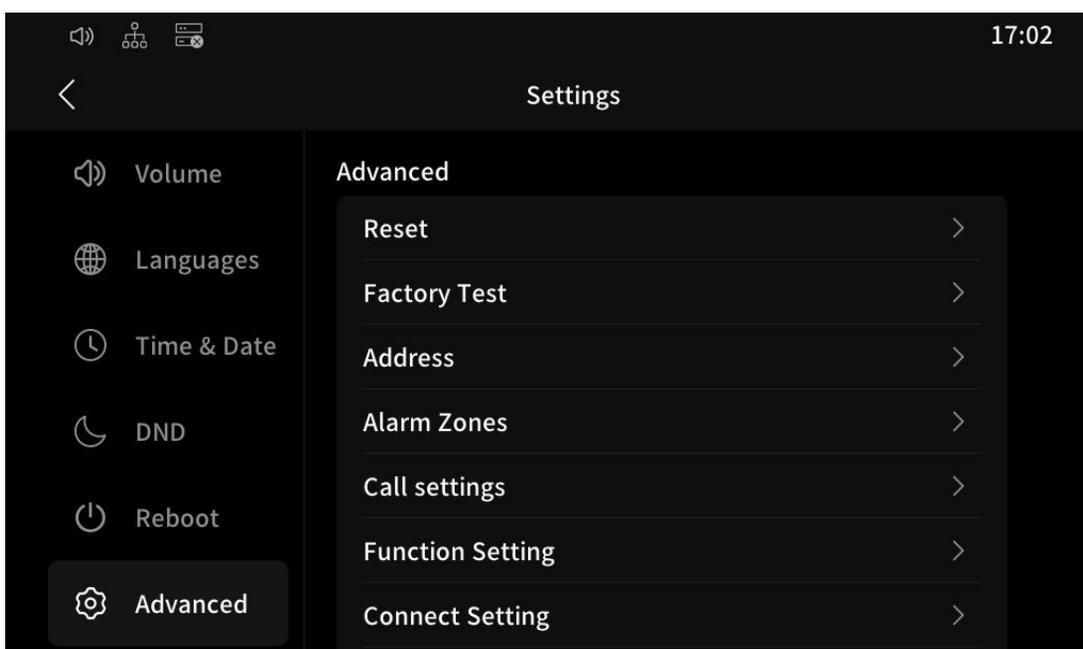


In Device - Display Settings - Basic of the web side backend, you can also set the brightness of the device screen, the standby time and the standby mode.

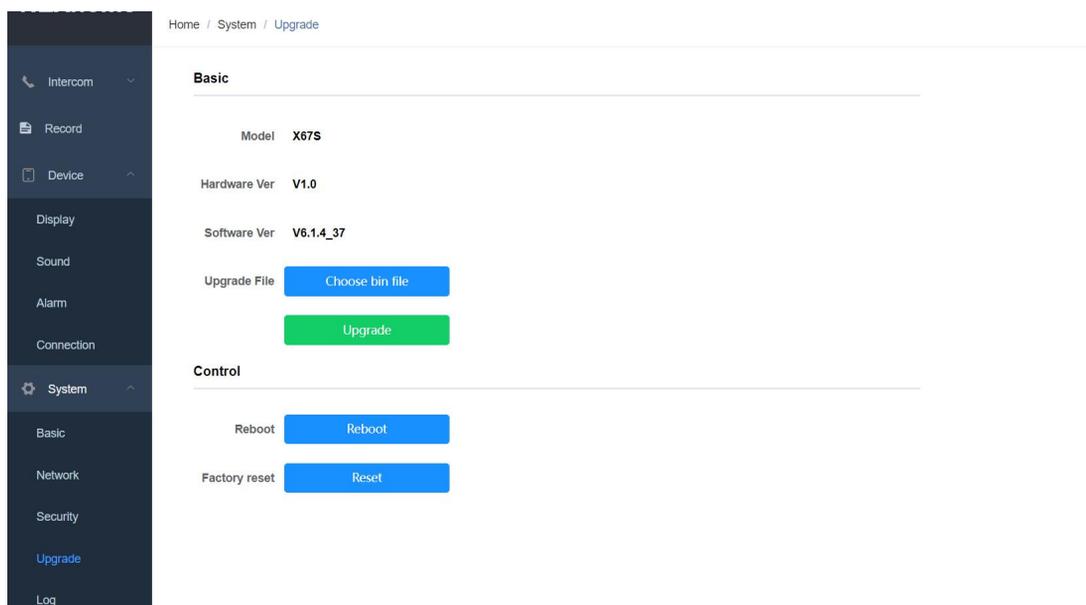


### 3.4.6 Restart and Reset

In the device backend, click the **Reboot** button to restart the device. In the **advanced** setting, click the **Reset** button to reset the device.

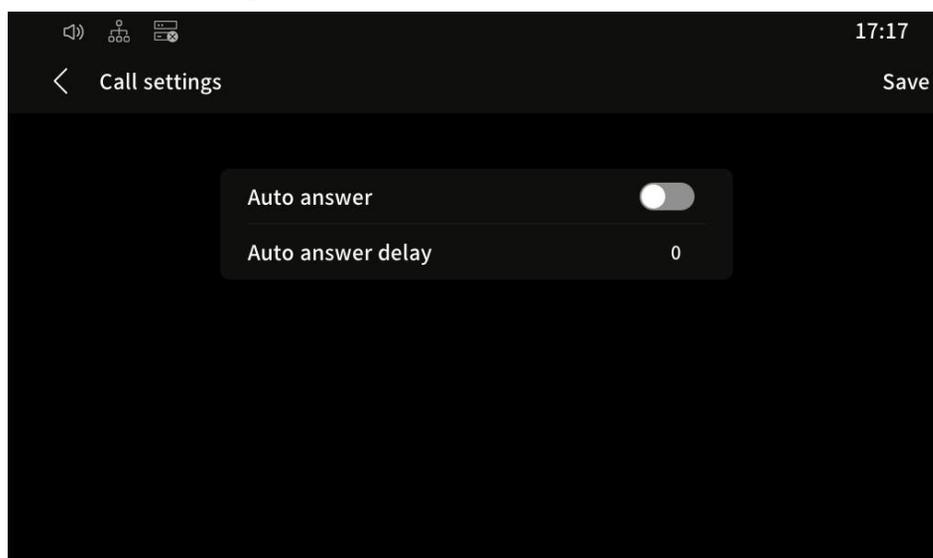


In the **System-Upgrade** section of the web side, the device can be reboot or reset.



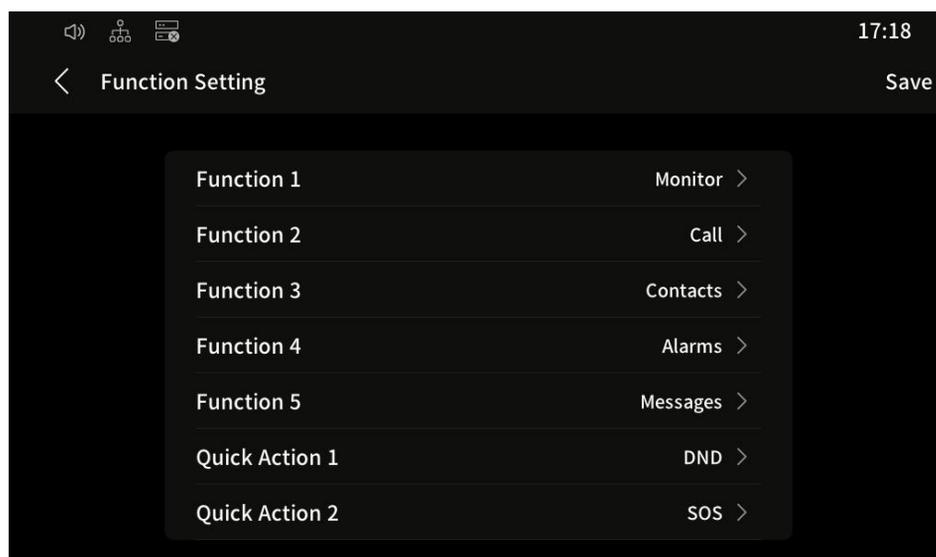
### 3.4.7 Call Settings

In the **advanced** setting of the device backend,press **Call Settings** to set whether or not to answer automatically and the delay time for automatic answering.

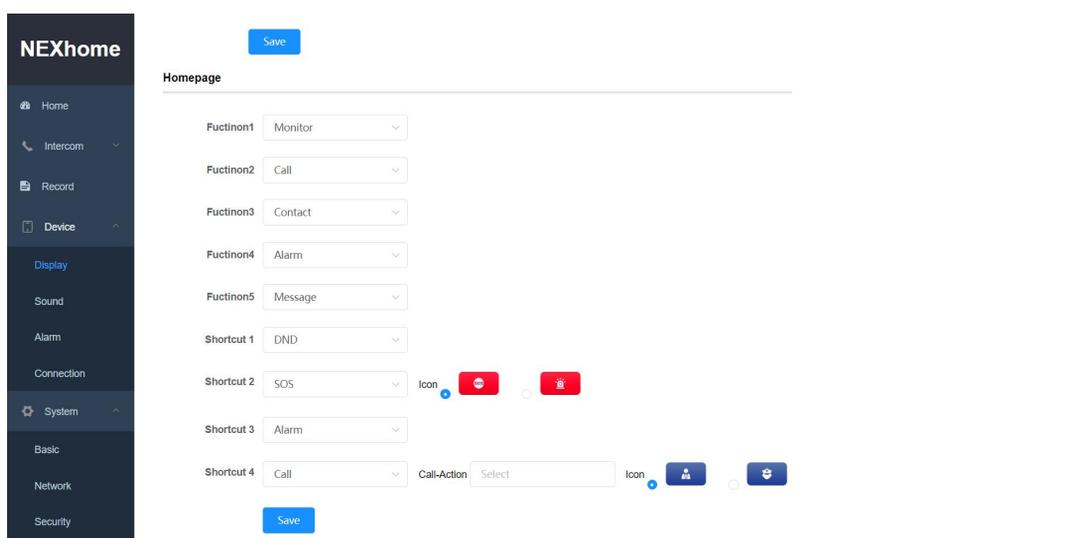


### 3.4.8 Interface Settings

In the **advanced** setting of the device backend,click on **Function Setting**, and you can set the buttons and shortcut actions of the main interface of the device.



In the **Device-Display-Homepage** section of the web side, It can also change the main interface of the device and change the icons of the buttons. In the **talk page**, you can change the UI of the call screen, add a keypad or capture button.



### 3.4.9 Alarm Setting

In the **advanced** settings on the device backend, click **Alarm Zones** to set the parameters of the zone manually, and you can change the area, type, alarm mode, alarm type, and status.

Zone	Area	Type	Alarm Mode	Alarm Type	Status
1	Gate >	PIR >	3-State >	High Level >	Close >
2	Gate >	PIR >	3-State >	High Level >	Close >
3	Gate >	PIR >	3-State >	High Level >	Close >
4	Gate >	PIR >	3-State >	High Level >	Close >
5	Gate >	PIR >	3-State >	High Level >	Close >
6	Gate >	PIR >	3-State >	High Level >	Close >
7	Gate >	PIR >	3-State >	High Level >	Close >

In the **Device-Alarm** on the web side, the parameters of the defence zones can also be set

The screenshot shows the NEXhome web interface. On the left is a dark sidebar with navigation options: Home, Intercom, Record, Device, Display, Sound, Alarm (highlighted), Connection, System, and Basic. The main content area has a breadcrumb trail 'Home / Device / Alarm' and a user profile 'admin'. The title 'Defence Area Setting' is centered above a table with 8 rows and 7 columns. Each row represents a defence zone with its index, zone number, area, type, alarm mode, alarm type, and status.

Index	Zone	Area	Type	Alarm Mode	Alarm Type	Status
1	1	Gate	PIR	3-State	High Level	Disable
2	2	Gate	PIR	3-State	High Level	Disable
3	3	Gate	PIR	3-State	High Level	Disable
4	4	Gate	PIR	3-State	High Level	Disable
5	5	Gate	PIR	3-State	High Level	Disable
6	6	Gate	PIR	3-State	High Level	Disable
7	7	Gate	PIR	3-State	High Level	Disable
8	8	Gate	PIR	3-State	High Level	Disable

## 3.4.10 Contacts Page Settings

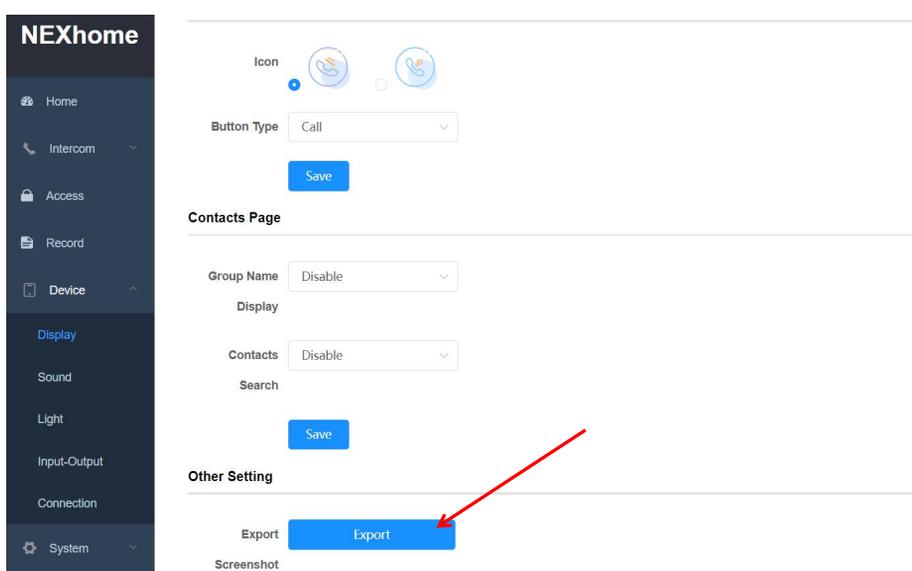
In the **Device-display** on the web side, You can choose whether to display the group name in the address book, You can also choose whether to enable the address book search function.

The screenshot displays the NEXhome web interface. On the left is a dark sidebar menu with the following items: Home, Intercom, Access, Record, Device, Display (highlighted in blue), Sound, Light, Input-Output, Connection, and System. The main content area is titled 'NEXhome' and contains the following settings:

- Icon:** Two circular icons are shown, with the first one selected.
- Button Type:** A dropdown menu is set to 'Call'. Below it is a blue 'Save' button.
- Contacts Page:**
  - Group Name:** A dropdown menu is set to 'Disable'.
  - Display:** A dropdown menu is set to 'Disable'.
  - Contacts Search:** A dropdown menu is set to 'Disable'.
  - Below these is a blue 'Save' button.
- Other Setting:**
  - Export:** A blue 'Export' button.
  - Screenshot:** A label below the Export button.

## 3.4.11 Device screenshot

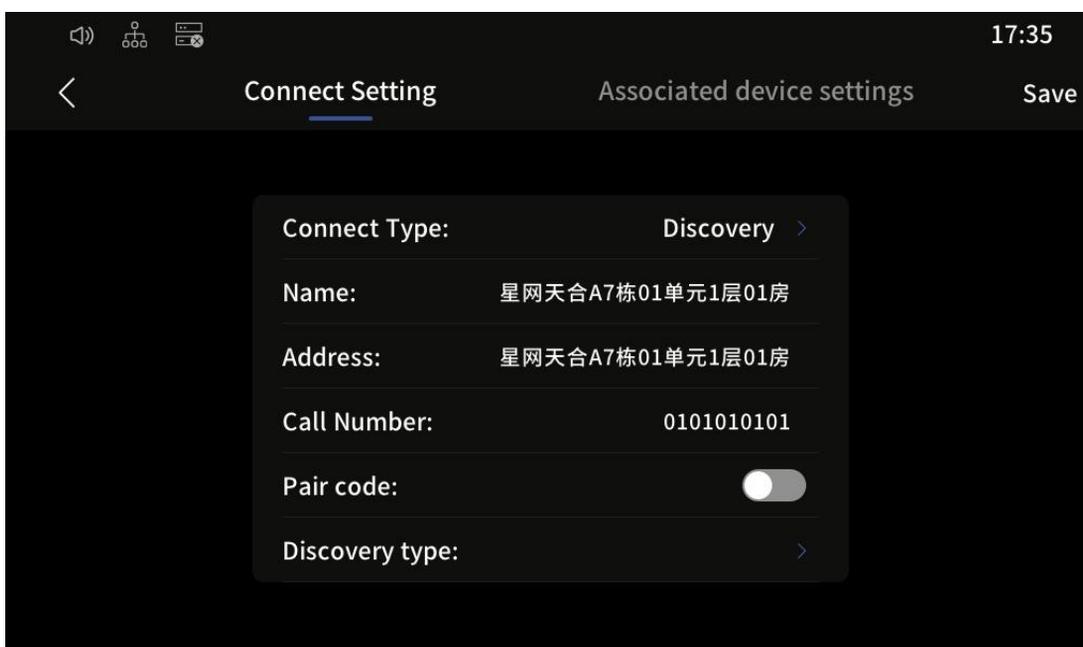
In the Device-Display Settings of the web side backend, in the Other Setting section, click the Export screenshot button to export the image of the current interface of the device.



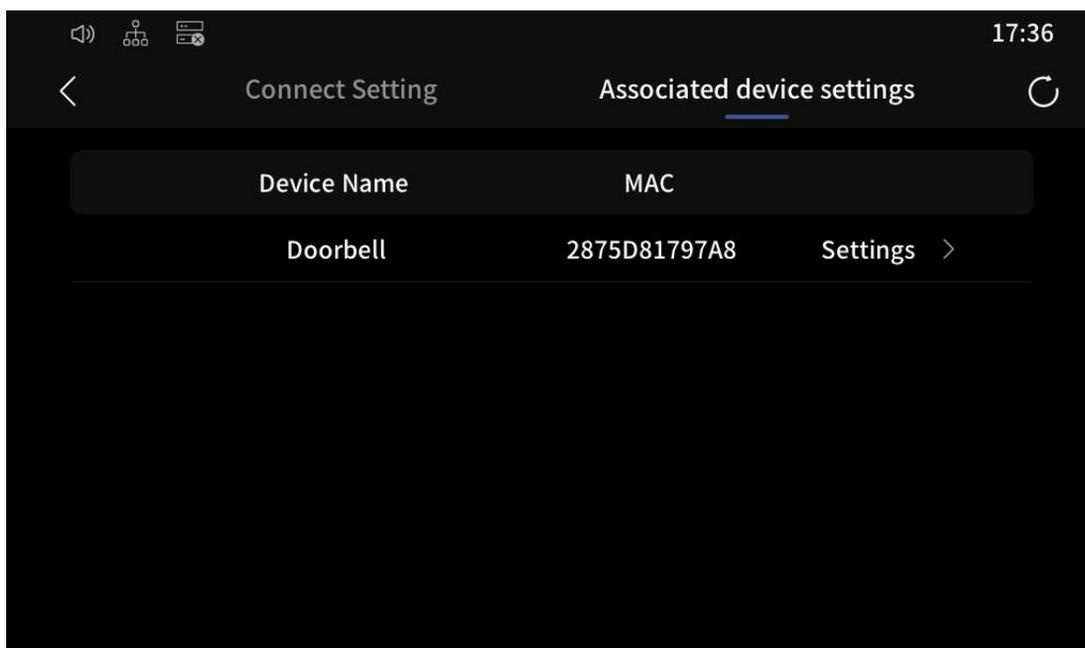
## 3.5 Advanced Settings

### 3.5.1 Connection Settings

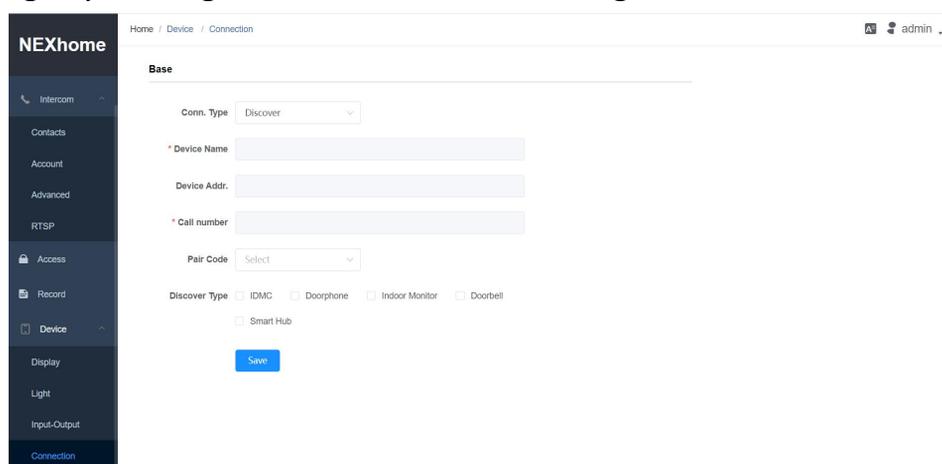
In the **advanced** setting of device backend, click the **Connection Settings** button, Select the type of connection (Discovery or cloud ), you can modify the name, address, and call number of the device, select whether to enable pair code, and you can select the type of discovery for the device, unselected device types will not be added to the address book through discovery.



Click **Associated device settings** at the top to modify the parameters of the devices currently associated to it.

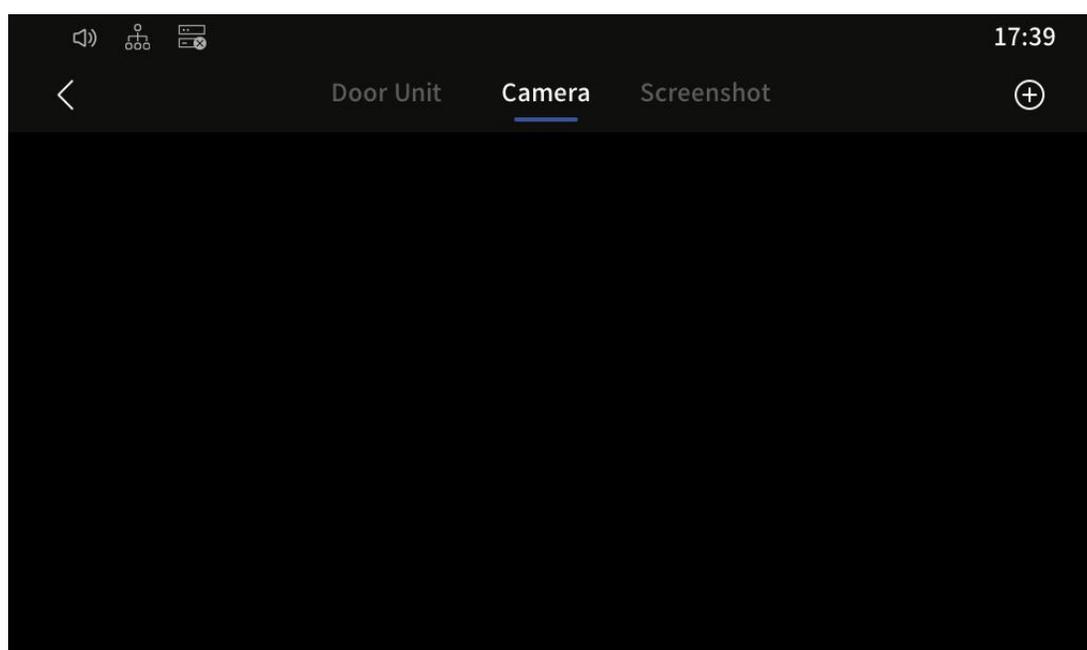


In the web backend, you can also change the device's connection settings by clicking **Device-Connection Settings**.

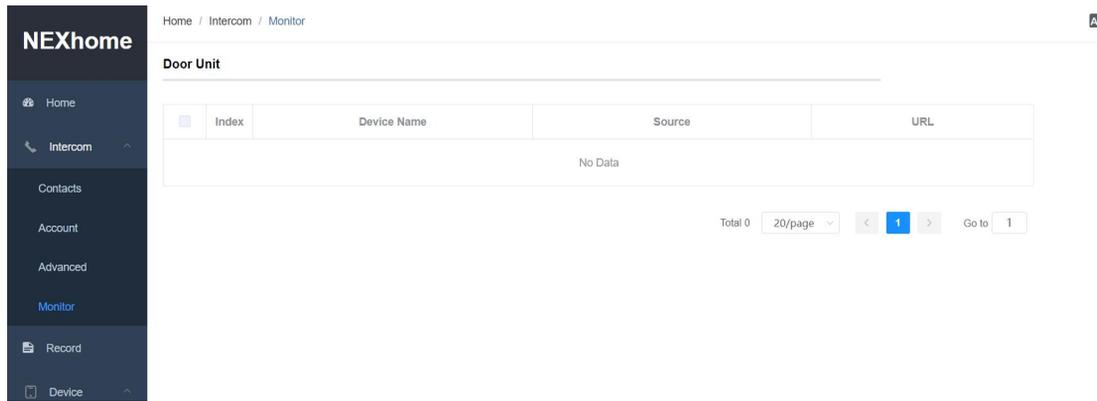


## 3.5.2 Monitor Settings

In the main interface of the device, click the Monitor button, and in **Door Unit**, you can check the doorway machines connected to the current device. In **camera**, click the plus button in the upper right corner, you can manually add the camera, by entering the rtsp address can be, the url format is `rtsp://{usr}:{pwd}@{ip}:5541/stream/main`, for our brand of gateway machine, you can also fill in the ip address as well as the user name and password, you can automatically get to the camera video stream! For our brand of door openers, you can also just fill in the ip address and user name and password to get the camera video stream automatically. In **Screenshot**, you can view the screen captured during a video call.



In the web backend,click **Intercom-Monitor**,you can check the access control devices that are currently associated to it.



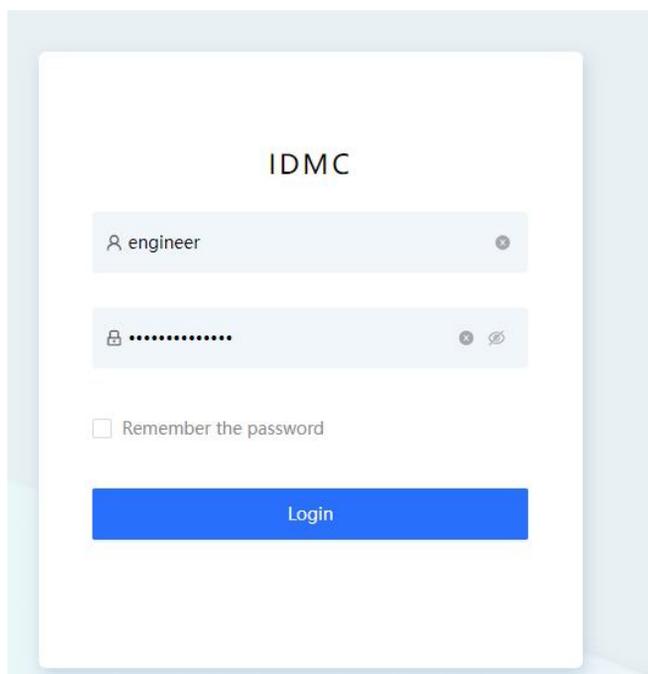
## 4 IDMC Configuration

IDMC (Device Management Center Based on SIP Protocol) is mainly used for community resident management centers. The IMDC platform is deployed in a local area network, allowing administrators to manage buildings, personnel, device, access control, intercom, and information comprehensively.

### 4.1 IDMC Platform Login

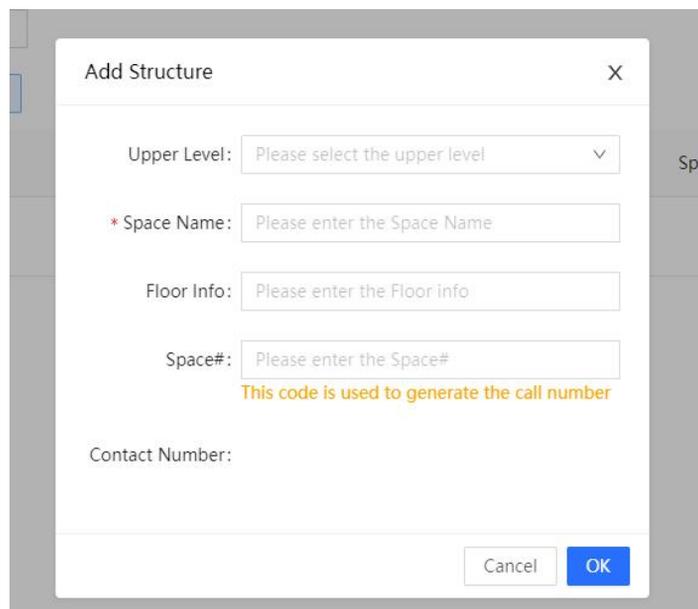
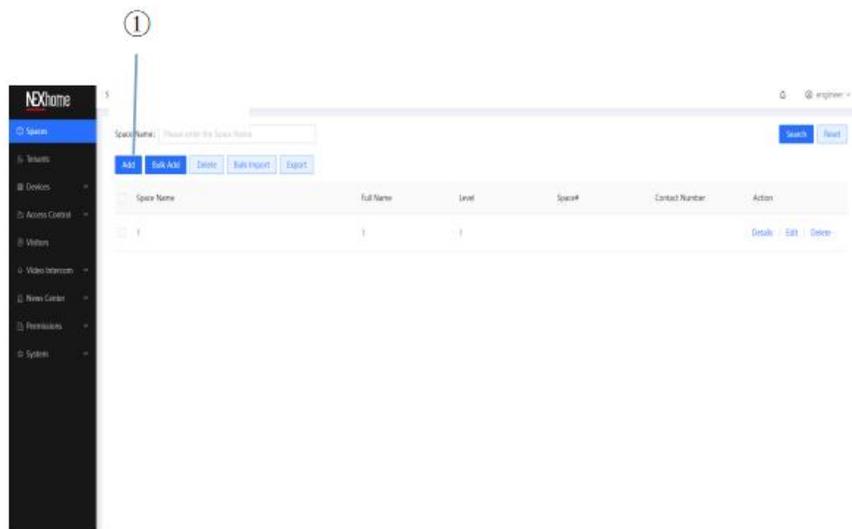
After installing the IDMC platform, double-click to open IDMC.exe and enter the IDMC platform webpage.

Enter account: engineer ;password: StarNetNexhome, click on Login to enter the IDMC platform interface.



## 4.2 Space Management

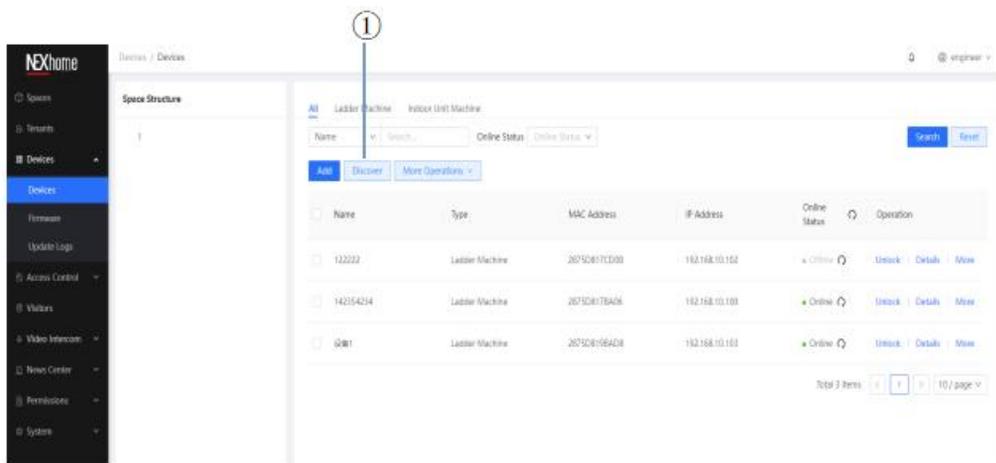
In the space management of the IDMC platform, click the **Add** button, fill in the space name and other information, and click to confirm the creation of the space.



## 4.3 Device Management

### 4.3.1 Adding Devices

In the **Devices-Devices** section of the IDMC platform, click the **Discover** button ① and the system will automatically search for devices under the same local area network. Click the add button to the right of the device name to add, set the associated space and device name for the device, and click save to add the device to that space.



**Basic Setting**

\* Type:

\* Location:

\* Device Name:

Position:

MAC Address:  [Scan](#)

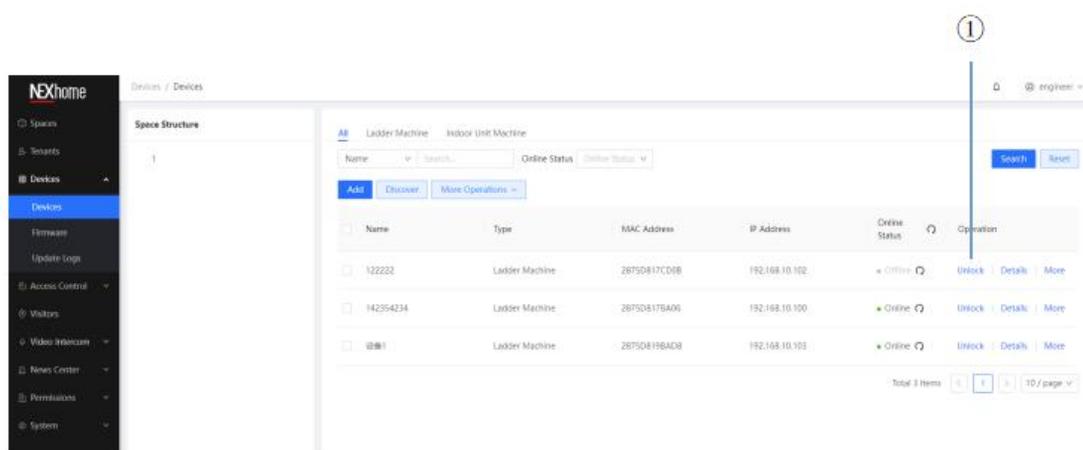
Static IP Mode:

Open Space:

[Save](#) [Back](#)

## 4.3.2 Device Unlocking

In the **Devices - Devices** section of the IDMC platform, click **Unlock** button ① on the right side of the corresponding device, and the device will automatically unlock, device unlocking (access control unlocking or remote unlocking) supports capturing and uploading IDMC.



## 4.3.3 Device Configuration

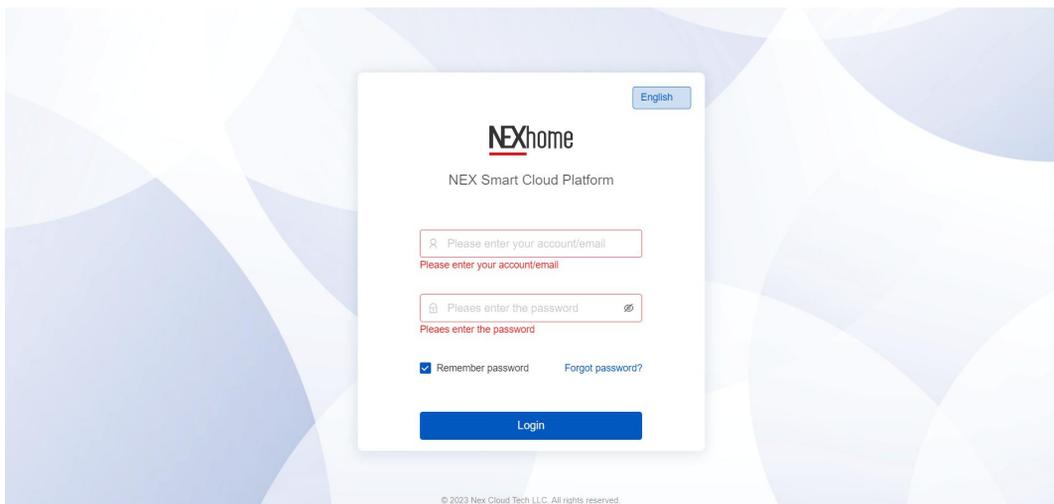
In the Device - Device section of the IDMC platform, click on the **More** button on the right side of the corresponding device to edit, delete, restart, upgrade, and restore production to the device.

## 5 NexSmart Cloud Platform Settings

The NexSmart cloud platform consists of four parts: device, cloud server, management background and APP. It is used for community residents' management services. The management background is used for unified management of assets, devices, users and access control rights, and an APP is provided to facilitate owners to remotely open doors, cloud intercom and other operations. The APP supports both iOS and Android systems.

### 5.1 NexSmart Cloud Platform Login

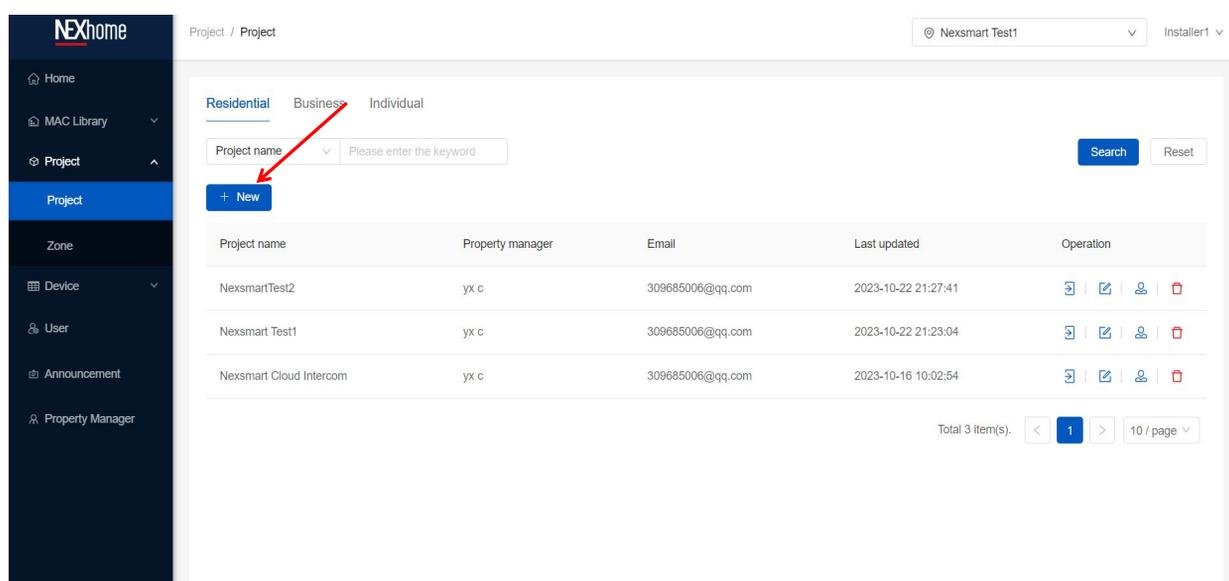
In the upper right corner of the login page, you can set the language of the cloud platform, and in the lower left corner, you can choose to remember your password, if you forget your password, you can click the lower right corner to reset your password. Enter the correct username and password and click Login.



## 5.2 Project Management

### 5.2.1 Project Management

Log in to your installer account, and in Project Management - Project Management in the NexSmart Cloud Platform, click New, fill in the project name and other information, and click OK to create the project.



Project / Project

Residential Business Individual

Project name  Search Reset

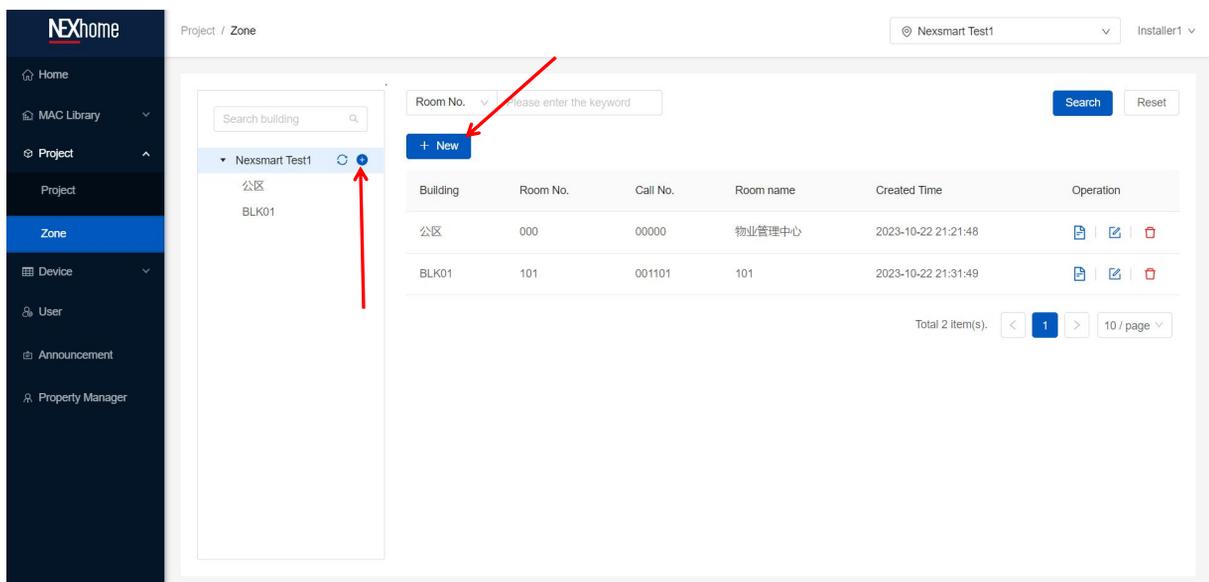
+ New

Project name	Property manager	Email	Last updated	Operation
NexsmartTest2	yx c	309685006@qq.com	2023-10-22 21:27:41	<a href="#">↶</a> <a href="#">↷</a> <a href="#">👤</a> <a href="#">🗑️</a>
Nexsmart Test1	yx c	309685006@qq.com	2023-10-22 21:23:04	<a href="#">↶</a> <a href="#">↷</a> <a href="#">👤</a> <a href="#">🗑️</a>
Nexsmart Cloud Intercom	yx c	309685006@qq.com	2023-10-16 10:02:54	<a href="#">↶</a> <a href="#">↷</a> <a href="#">👤</a> <a href="#">🗑️</a>

Total 3 item(s). < 1 > 10 / page

## 5.2.2 Space Management

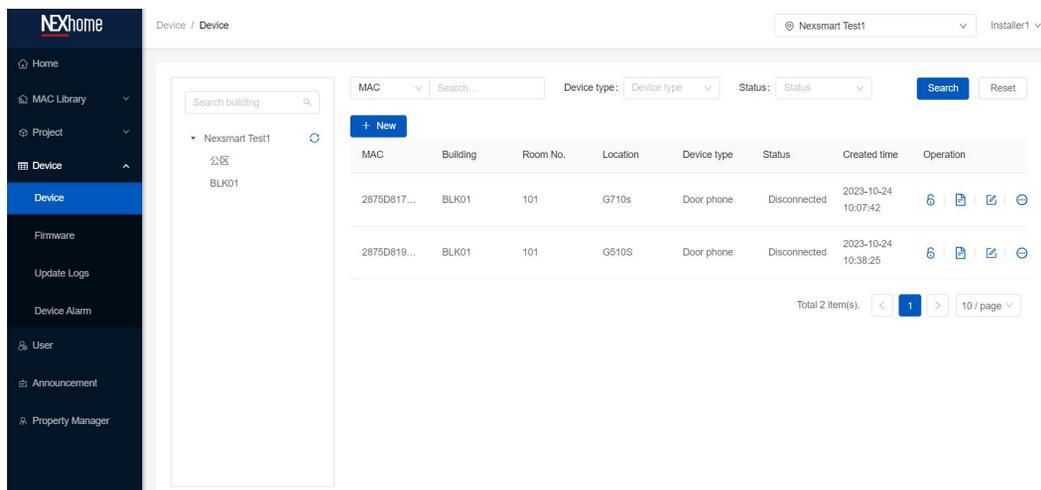
Log in to your installer account, and in Project Management - Space Management of NexSmart Cloud Platform, you can add new buildings and spaces under the project. Click the plus button on the left side to add a new building, and click the add button on the right side to add a new space under the building.



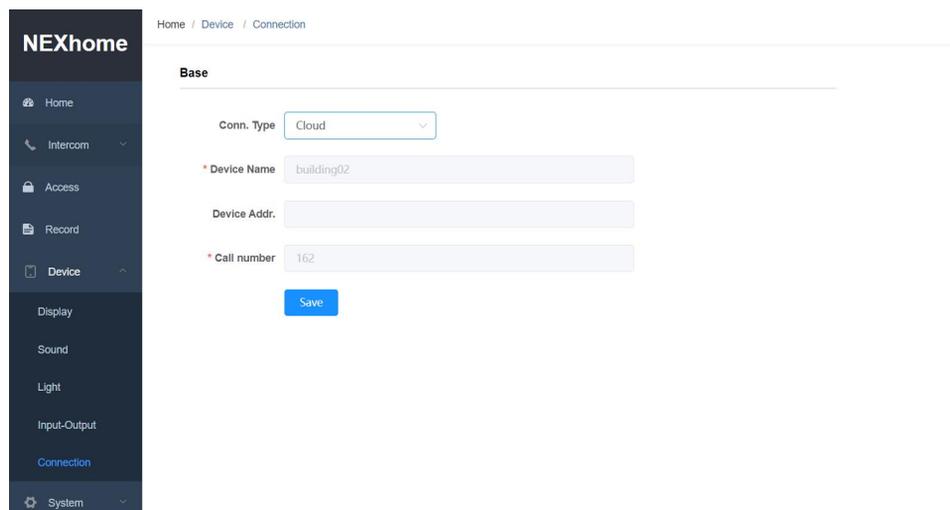
## 5.3 Device Management

### 5.3.1 Add Device

Log in to your installer account, and in NexSmart Cloud Platform's Device- Device, click Add on the right side, fill in the device type, space, and other information, and click OK to add a new device to the space.

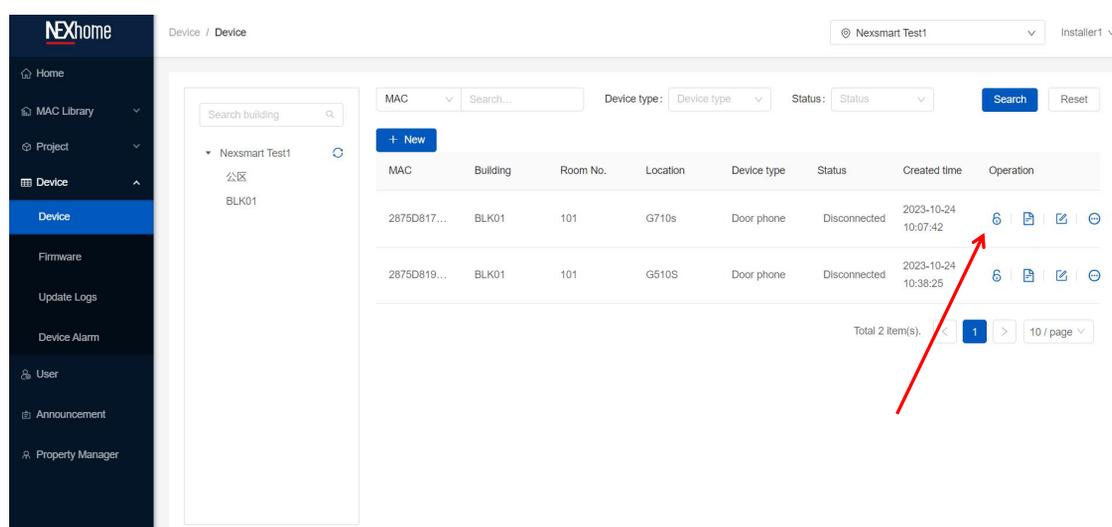


For added devices, you need to change the mode to cloud mode in the connection settings on the device side (web or device backend) in order to connect to the Nex Smart cloud platform.



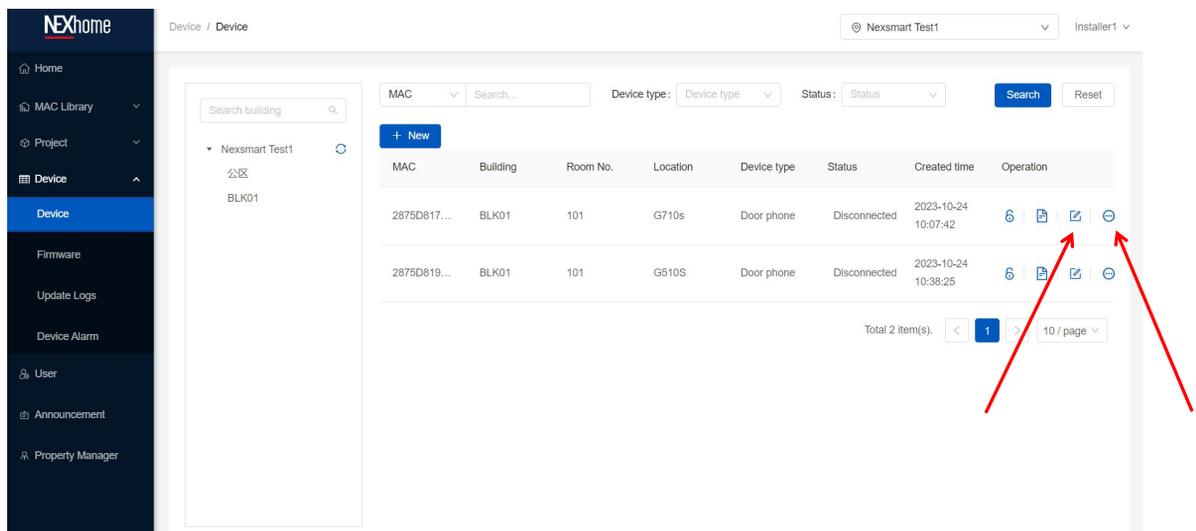
## 5.3.2 Device Unlocking

Log in to the installer account or property manager account, and in the NexSmart Cloud Platform's Device - Device, click the Unlock button on the right side of the corresponding device to control the device to unlock remotely.



## 5.3.3 Device Configuration

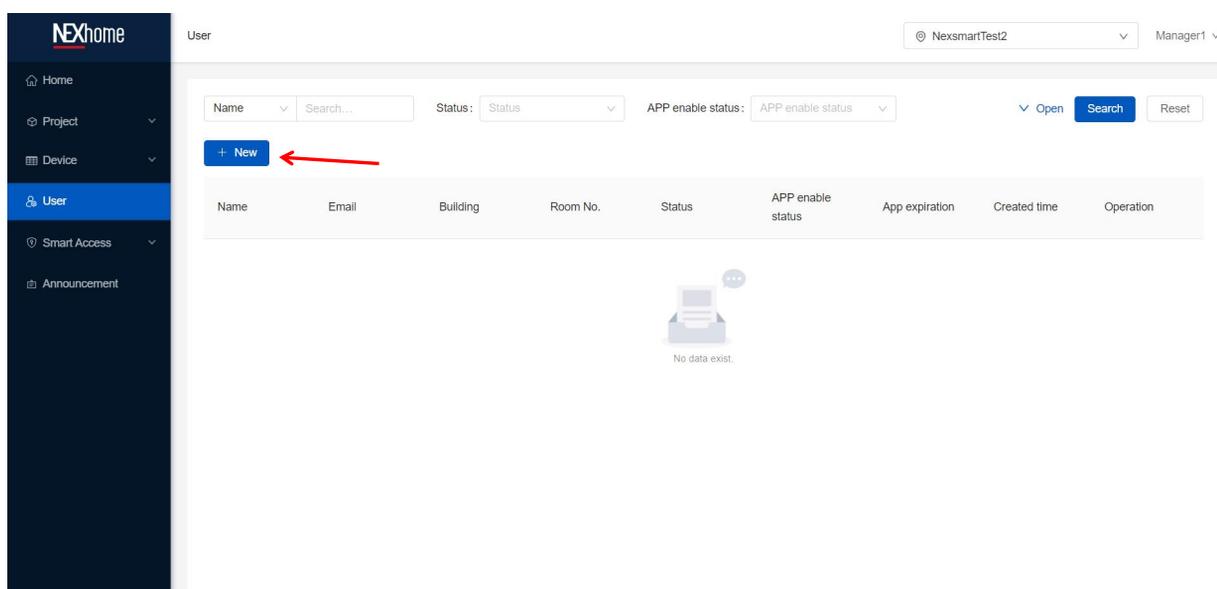
Log in to the installer's account, and in the Device - Device of NexSmart Cloud Platform, click the Edit button on the right side of the corresponding device to modify the basic information of the device, and click the More button next to it to delete, upgrade, reboot, and restore factory settings of the device.



## 5.4 Cloud Platform App Usage

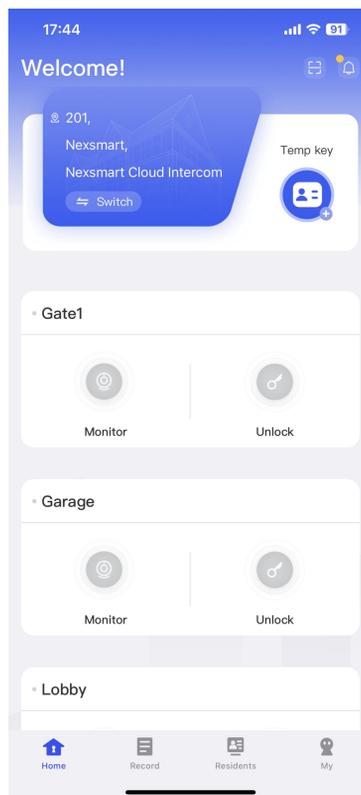
### 5.4.1 Add New User

Log in to the installer account or property manager account, in the **User** section of NexSmart Cloud Platform, click the Add button, fill in the house number, user name, email and other information, select Enable app, click Save, and then you can add a new user. Email will receive an email for app authentication, and the mobile app will scan the authentication code, and after authentication, you can operate the device in the app.



## 5.4.2 Device Unlocking

The user logs into the app, and on the homepage, can control the unlocking of the device by clicking the unlock button of the corresponding device.



## 5.4.3 Monitoring Device

Users log in to the app, and on the homepage, they can monitor the device by clicking on the monitoring button of the corresponding device, or by clicking on the incoming call record of the corresponding device in the call log.

