



G710S Door Unit User Manual

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1 Product Overview

1.1. Product introduction

It is a 7-inch touch screen network door unit with audio and video intercom, access control and monitoring functions, which can be used in villas, residential, commercial buildings and other project types.



1.2. Interface introduction

RJ45 (POE): Provide both power and network connections.

12V-15V/GND: Connect to external power supply.

NO/COM/NC: Relay control port

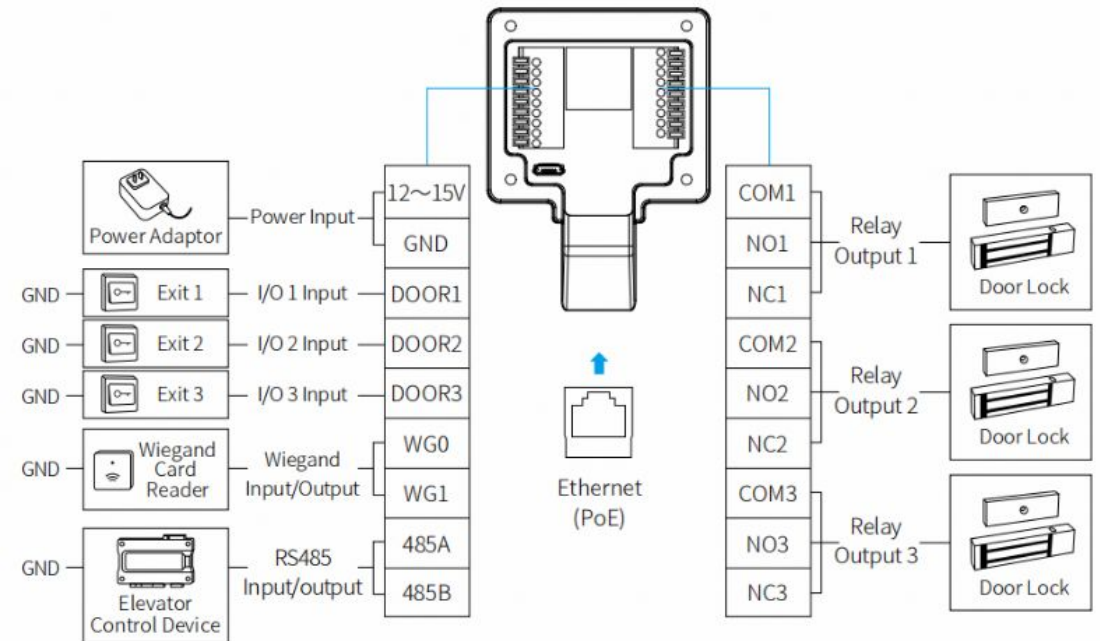
RS485A/B: RS485 port

DOOR1/GND: Connect to exit button 1.

DOOR2/GND: Connect to exit button 2.

DOOR3/GND: Connect to exit button 3.

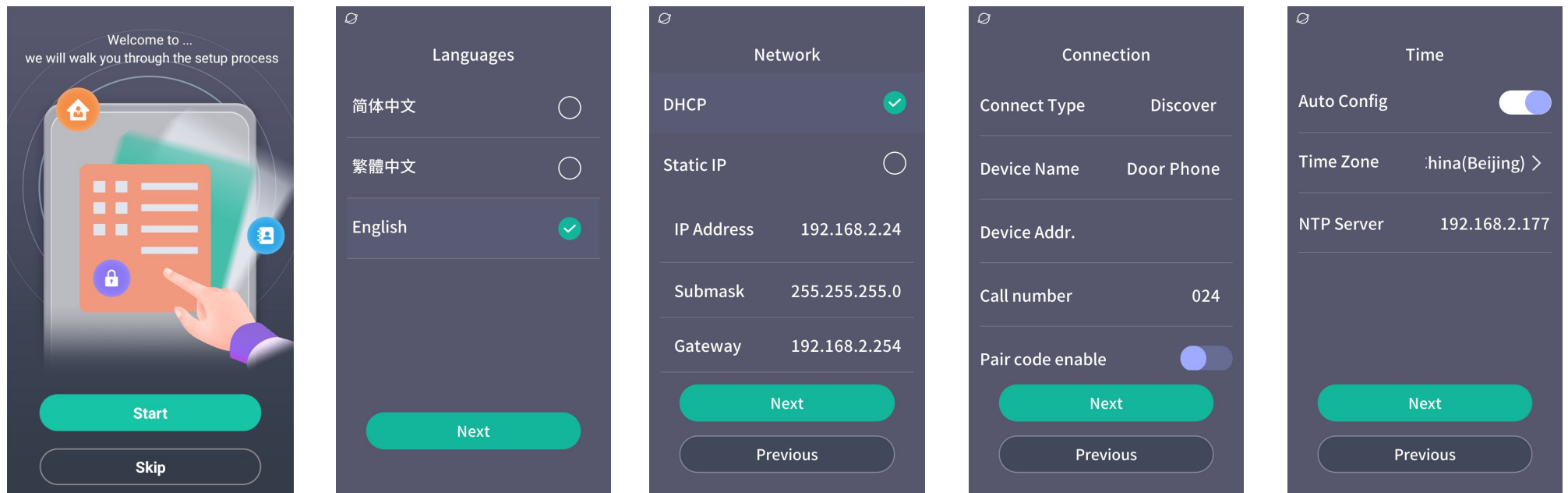
WG0/WG1/GND: Wiegand port



2. Basic functions

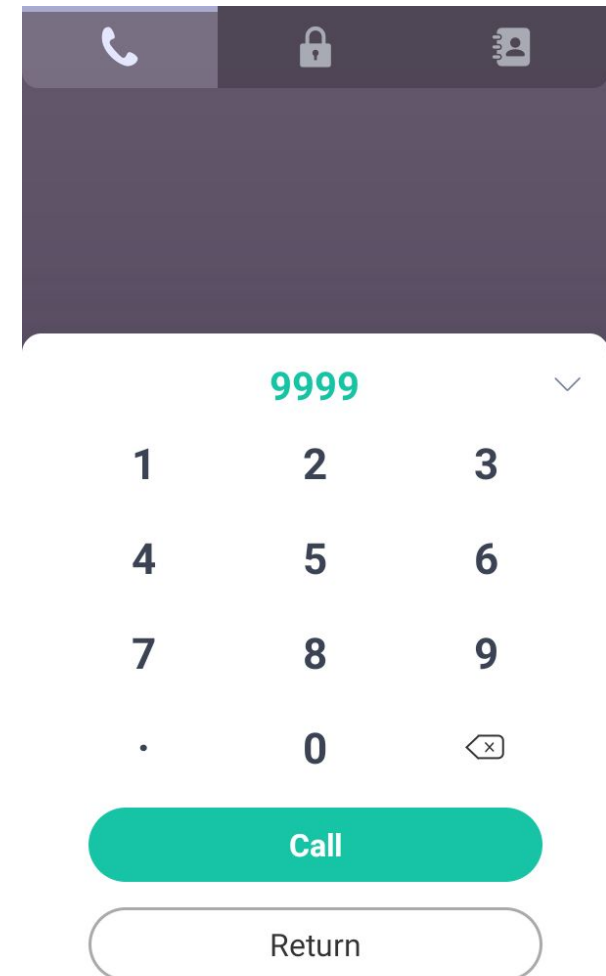
2.1. Power-on and initial configuration

Language configuration (Simplified Chinese, Traditional Chinese, English), network configuration (DHCP, static IP), Connect Type (Discover) and SIP account configuration are required when device booting for the first time

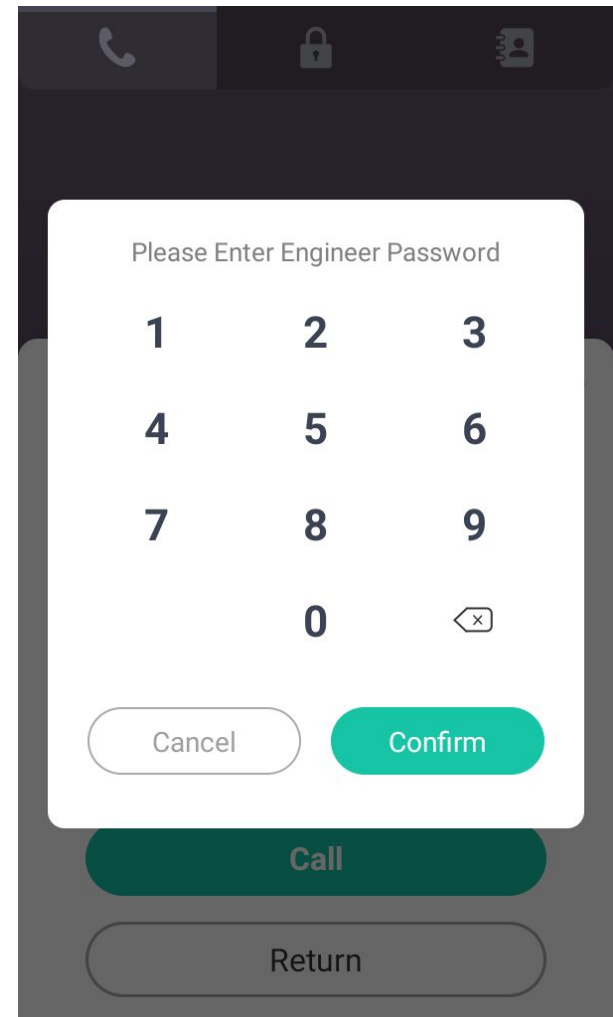


Initial configuration:

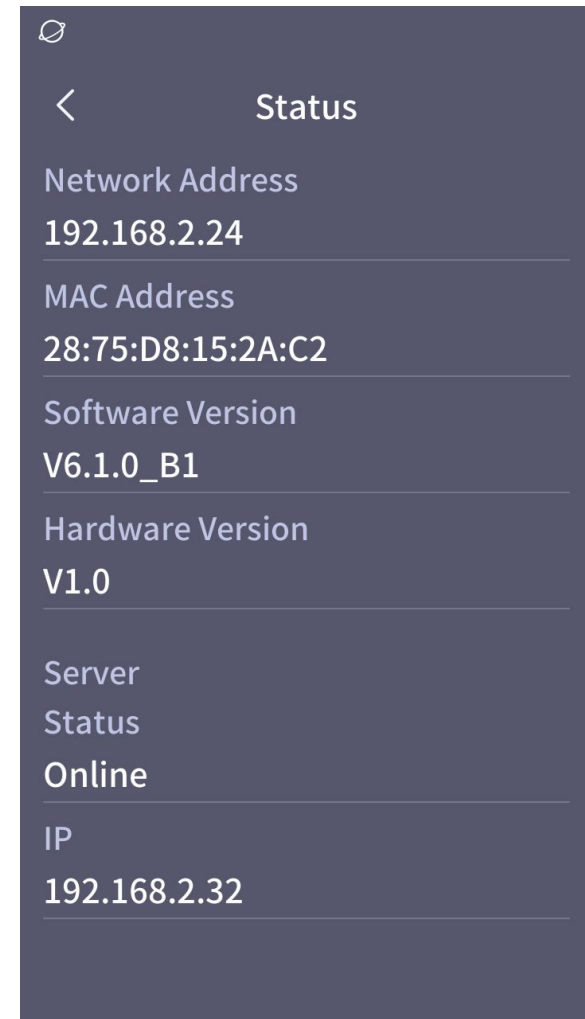
Project settings: Enter 9999 and tap the Call button to enter the Project password page



Project password: Enter 3888 and tap the Confirm button to enter the Project Setting

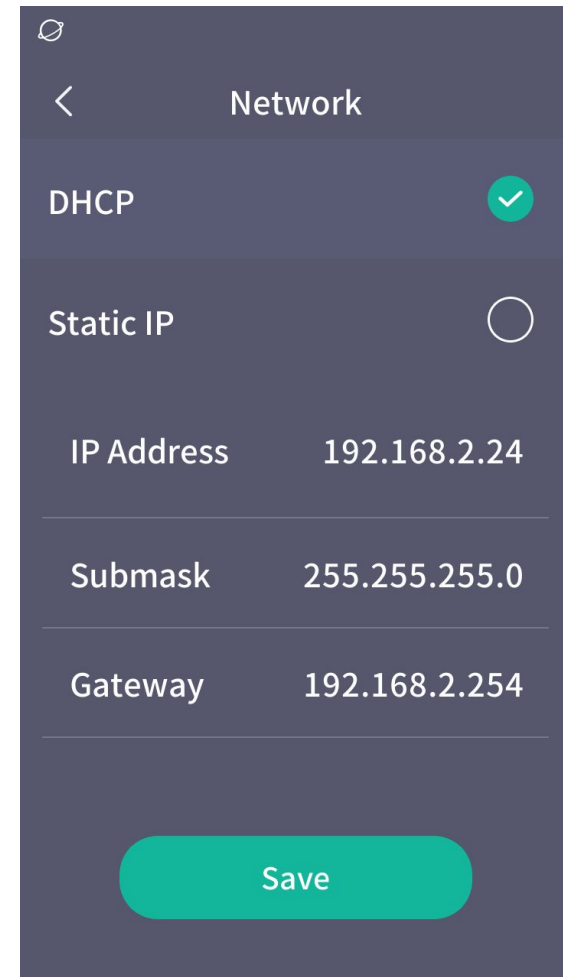


Network Address: Tap System Information to view the device network address



Network configuration:

Tap the Network settings to modify the network address and configurations



Input http://device IP address in web browser, you can log into the web page and configure the account.

The default WEB account name and password are shown below:

Account: admin

Pass: 123456

Account configuration: Configure SIP account 1, SIP account 2, local account

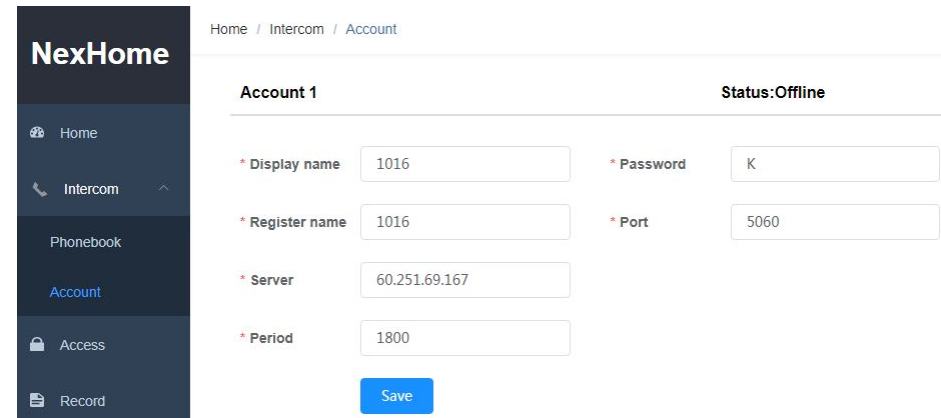
Local account: for IP call

Device Status Icons:

Network icon: Online, offline

SIP1 server icon: Online, offline

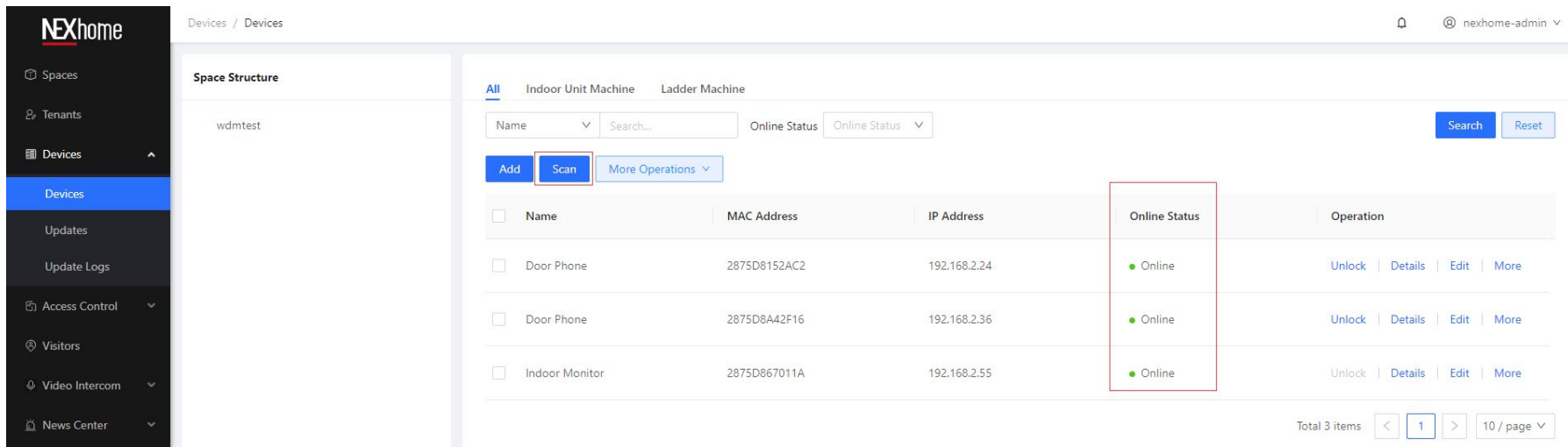
SIP2 server icon: Online, offline



The screenshot shows the NexHome web interface. On the left is a dark sidebar with navigation options: Home, Intercom, Phonebook, Account (highlighted), Access, and Record. The main content area is titled 'Home / Intercom / Account' and shows 'Account 1' configuration. The status is 'Offline'. The configuration fields are: Display name (1016), Password (K), Register name (1016), Port (5060), Server (60.251.69.167), and Period (1800). A blue 'Save' button is at the bottom.



Discover: Automatically discover edge server (IDMC), door unit, indoor unit, etc. After connecting to IDMC, IDMC will send contacts to the device



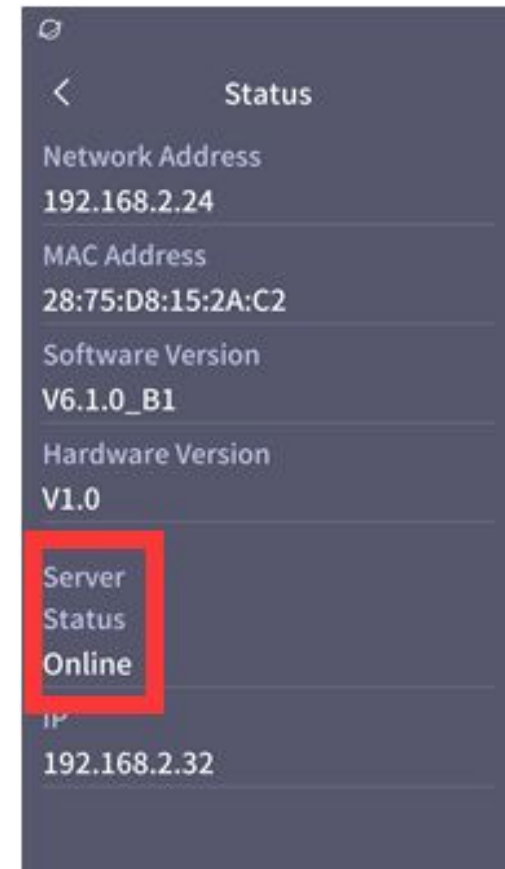
The screenshot displays the NEXhome web interface for device management. On the left is a dark sidebar with navigation options: Spaces, Tenants, Devices (selected), Updates, Update Logs, Access Control, Visitors, Video Intercom, and News Center. The main content area is titled 'Devices / Devices' and shows a 'Space Structure' section with 'wdmtest' selected. Below this, there are tabs for 'All', 'Indoor Unit Machine', and 'Ladder Machine'. A search bar and 'Search'/'Reset' buttons are present. A row of buttons includes 'Add', 'Scan' (highlighted with a red box), and 'More Operations'. A table lists the discovered devices:

<input type="checkbox"/>	Name	MAC Address	IP Address	Online Status	Operation
<input type="checkbox"/>	Door Phone	2875D8152AC2	192.168.2.24	● Online	Unlock Details Edit More
<input type="checkbox"/>	Door Phone	2875D8A42F16	192.168.2.36	● Online	Unlock Details Edit More
<input type="checkbox"/>	Indoor Monitor	2875D867011A	192.168.2.55	● Online	Unlock Details Edit More

At the bottom right, it shows 'Total 3 items' and a pagination control for page 1 of 10.

IDMC: Click Scan, add devices, devices connect to IDMC

Server status Info: Connect to IDMC

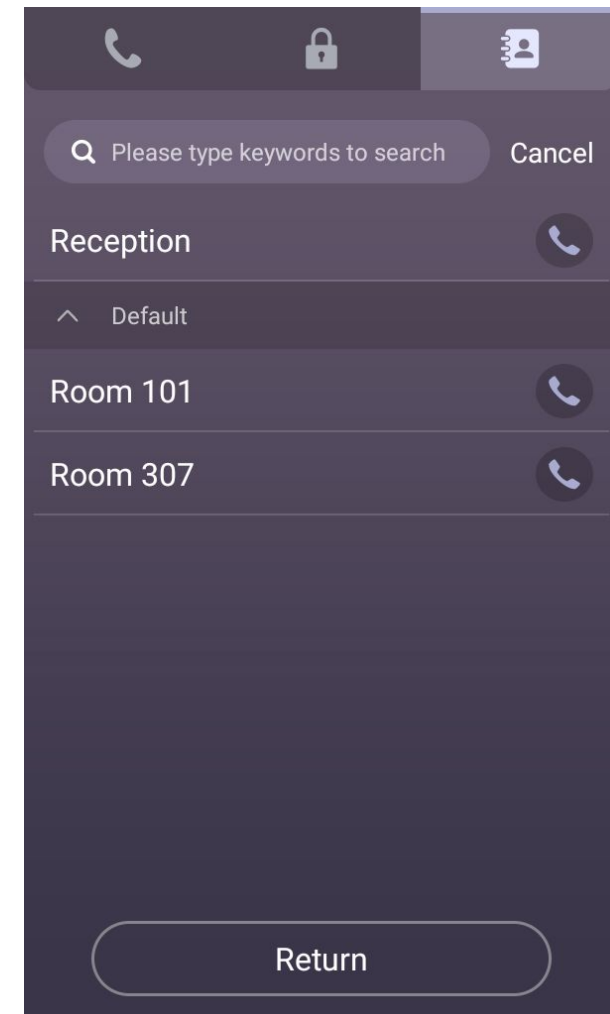


2.2. Intercom

2.2.1. Making calls

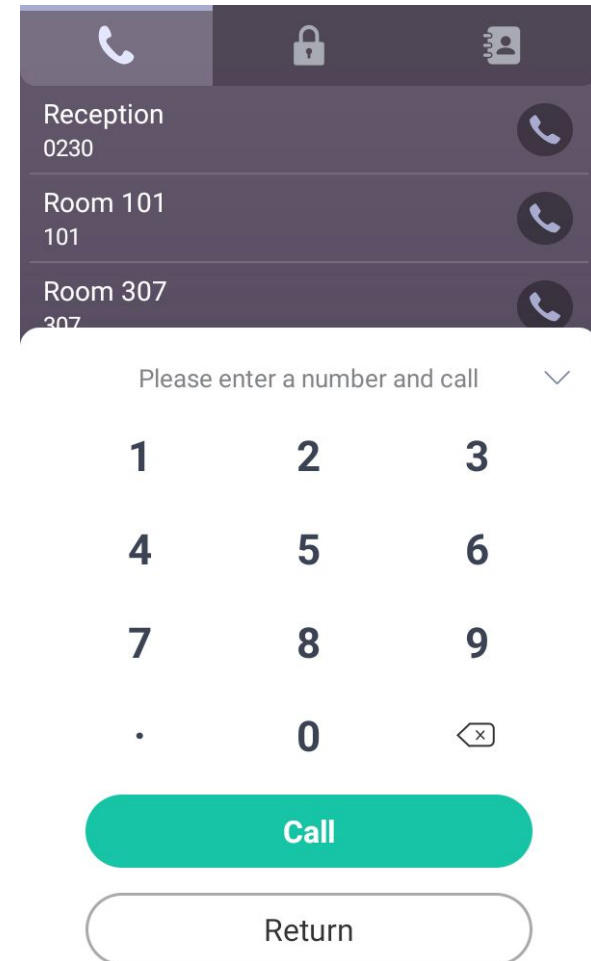
Call the contacts:

- Enter numbers or letters in the input box to search, support fuzzy search.
- Scroll up and down the list to select a contact, and tap the contact tab or the call button.



2.2.2. Dial on keypad

Enter the SIP account or IP address you would like to call, then tap the Call button to call; or tap the dialed number to call



2.2.3. Set the phone number on top

Click the edit button of the phone number, check the TOP, and the number will be displayed on the top of the contact list on the device.

Phonebook

Name SIP account All

<input type="checkbox"/>	Index	Name	Call number	SIP number	Top	Group	SIP account	Email	Operations
<input type="checkbox"/>	1	Reception	313-ophir	313-ophir	Yes	default	Account 1		<input type="button" value="Edit"/>

Edit

* Name

* Call number

* SIP number

SIP account

Group

Email

Top

2.2.4.Advanced

Call settings

Maximum talk time: Automatically hang up after the set time

Maximum outgoing call time: Automatically hang up if the callee fails to answer the call after the set time

Maximum incoming call time: Automatically hang up if you don't answer the call after the set time

Auto answer

Enable: Automatically answer incoming calls after enabling

Automatic response delay: How long will the incoming call be automatically answered

Call settings

* Maximum talk time Minute

* Maximum call-out time Second

* Maximum call-in time Second

Save

Auto Answer

Enable

* Auto Answer Delay Second

Mode

Audio ▾

Save

2.2.5.RTSP

RTSP Enable: After enabling, you can play the rtsp video stream of the device with vlc, ffmpeg and other clients of the computer

Mjpeg: Input user name and password or not

User name: Confirm the user name for the rtsp video stream

Password: Confirm the password for the rtsp video stream

RTSP video stream

Video encoder: Video encoding is H.264 format

Video resolution: Default 720P, with QVGA, CIF, VGA, 720P options

Video frame rate: 25FPS by default

Video bit rate: 1024kbps by default, with 512kbps, 1024kbps, 2048kbps options

Play the RTSP video stream of the device

The computer's vlc, ffmpeg and other clients can play the device's rtsp video stream,

Main code stream address: rtsp://Device IP address: 5541/stream/main

Sub code stream address: rtsp://Device IP address: 5541/stream/sub

Basic

<p>RTSP Enable <input style="width: 100%;" type="text" value="enabled"/></p> <p>Mjpeg <input style="width: 100%;" type="text" value="disabled"/></p> <p>Authentication</p> <p>* Username <input style="width: 100%;" type="text" value="admin"/></p>	<p>Authorization</p> <p>Authorization <input style="width: 100%;" type="text" value="Digest"/></p> <p>Type</p> <p>* Password <input style="width: 100%;" type="text" value="admin"/></p>
--	--

RTSP Video Stream

Video Encoder

H.264 Video Params

<p>Video <input style="width: 100%;" type="text" value="720P"/></p> <p>Resolution</p> <p>Video Frame <input style="width: 100%;" type="text" value="25FPS"/></p> <p>Rate</p>	<p>CH2 Video <input style="width: 100%;" type="text" value="VGA"/></p> <p>Resolution</p> <p>CH2 Video Frame <input style="width: 100%;" type="text" value="25FPS"/></p> <p>Rate</p>
--	---

2.3. Access Control

2.3.1. Add new card

Add a new card: Access control management->add

Name: Tenant's name

Card number: IC card number, swipe the card first, and the card number can be obtained from the record

Password: Access PIN code

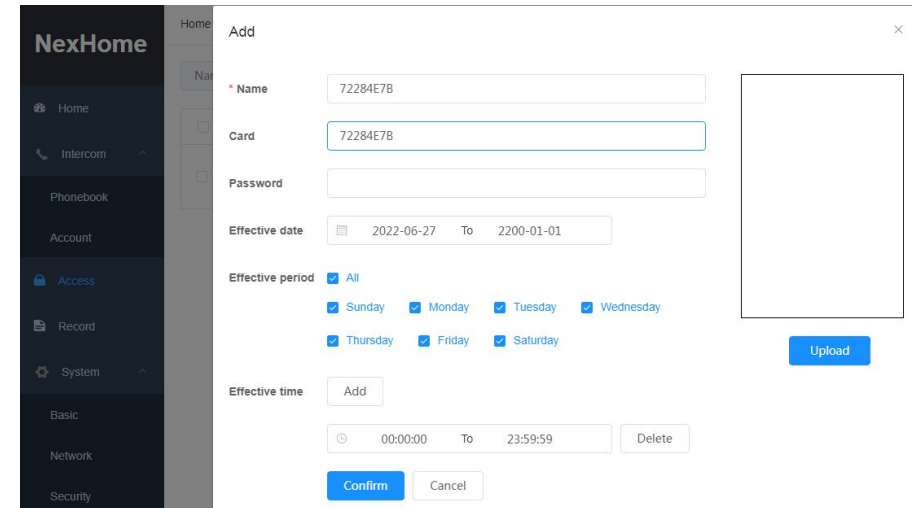
Effective Date: Card validity date , the default is from the current day to 2200

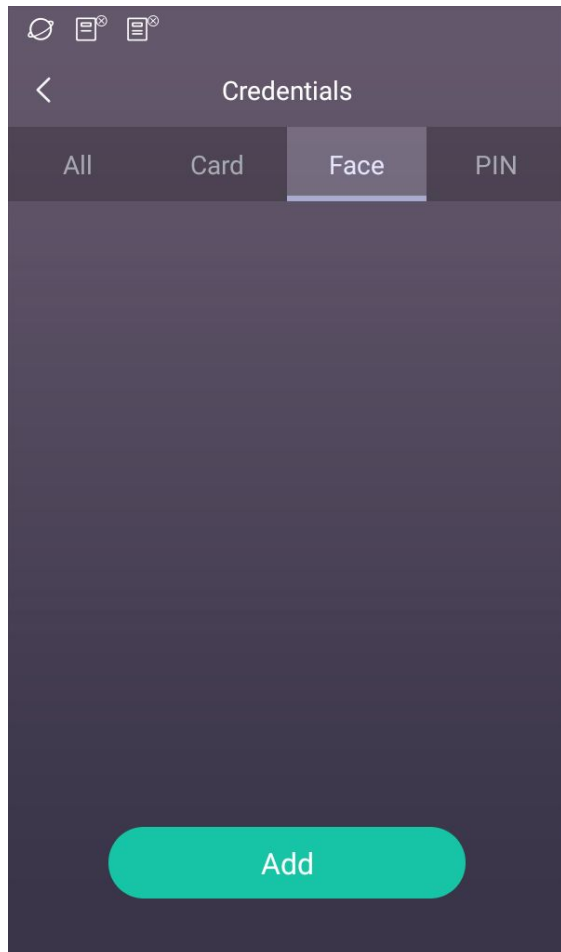
Effective period: Card validity period, multiple choices are available, all selected by default

Effective time: Card validity time , the default is 00:00--23:59

Upload Photos: Upload photos to the device for facial recognition

Face collection: enter the project menu to collect faces





2.3.2. Unlock by IC cards

Unlock by IC cards: Swipe the card on the device, if the card is valid, the door will be unlocked.

2.3.3. Unlock by PIN code

Unlock by PIN code: Tap the Unlock tab on the device and call up the keypad, enter the PIN code, if the PIN code is valid, the door will be unlocked

2.3.4. Unlock by face

Unlock by face: Tap the Unlock tab on the device, position your face in front of the camera, if the face data is valid, the door will be unlocked..

2.3.5. Unlock by DTMF

Unlock by DTMF: Call to the other party, the other party press "#"

during the talking, the door will be unlocked.

3.Configuration and other functions

3.1.Configuration

3.1.1.Language, volume and time

WEB language: Configure the WEB language, such as simplified Chinese, traditional Chinese, and English

Device language: Configure the device language, such as simplified Chinese, traditional Chinese, and English

Call volume: Configure the volume during a call

Tone volume: Configure the volume that device prompts

Time: Configure the device time, there are auto and manual modes for time setting

Language

WEB English

Device English

Volume

Call Volume

- 2 +

Tone Volume

- 2 +

Save

Time

Timing mode Auto Manual

Time zone GMT+8:00

3.1.2 WEB password

The password of WEB account (such as admin) can be modified.

3.2.Record

Unlock Records: All unlock records such as card, facial, password and DTMF

Call Records: Records of call

Alarm Records: Records of alarm

Unlock record Call record Alarm record

Type: All Name: Start: To: End: Search

Index	Name	Number	Type	Time	Status
1	37.2	#	Call	2022-07-01 16:52:52	Success
2	72284E7B	112233	Password	2022-07-01 16:35:25	Success
3		1122	Password	2022-07-01 16:35:00	Failure
4	101	#	Call	2022-07-01 16:34:04	Success
5	101	#	Call	2022-07-01 16:33:58	Success
6	72284E7B	112233	Password	2022-07-01 16:31:58	Success
7		1122	Password	2022-07-01 16:31:50	Failure
8	72284E7B	112233	Password	2022-07-01 16:27:14	Success
9	72284E7B	112233	Password	2022-07-01 16:21:50	Success

3.3.Relay settings

ID: Which relay, such as relay1, relay2, relay3.

Holding delay: The relay will be reset after holding the trigger state for a certain time

DTMF Mode: The input digits of DTMF code, 1 digit by default

DTMF: Input the DTMF code # by default, which is used for remote door opening

Relay

ID	<input type="text" value="Relay1"/>
Hold delay(s)	<input type="text" value="3s"/>
DTMF Mode	<input type="text" value="1 Digit DTMF"/>
DTMF	<input type="text" value="#"/>
Relay Name	<input type="text" value="magnetisı"/>
<input type="button" value="Save"/>	

3.4.Home page and screen saver settings

Mode: Display different home menu of device, including General Mode ,Access Mode,Directory Mode and Doorbell mode.

Default menu: Dial, password, address book

New menu: New menu can be added, such as delivery, etc

Homepage

Language English 简体中文 繁體中文

Info Window Custom Text Nexhome

[Save](#)

Mode

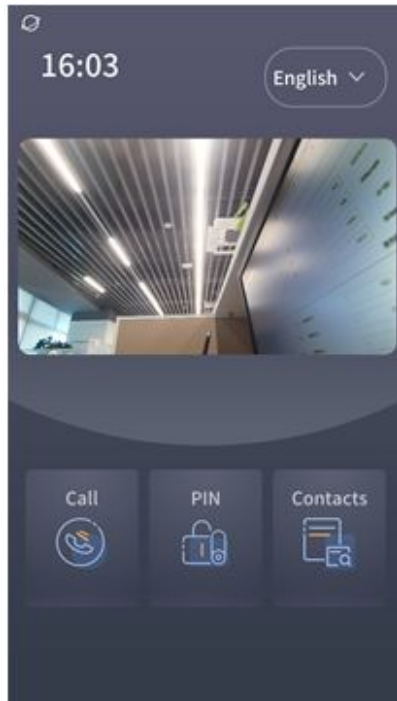
Mode Bell Mode ▼

Button1 quickAction1 ▼ Name Call Call-Action 666 ⊗

More Call PIN Contacts

Picture Window Custom Text Peter

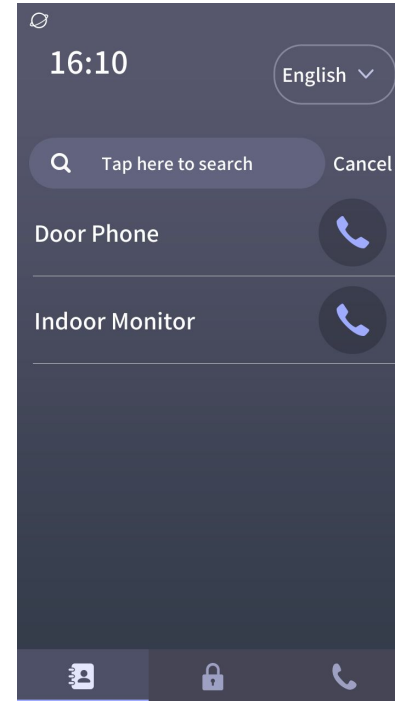
[Save](#)



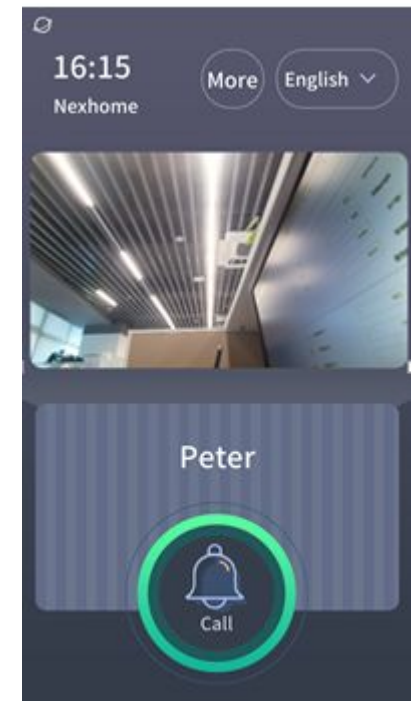
General Mode



Access Mode



Directory Mode



Doorbell mode

Display brightness: Display device screen brightness

Standby time: How long to enter the screen saver

Standby mode: Display the image or dark after entering the screen saver

Basic

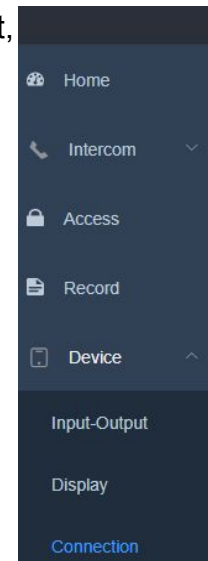
Brightness  - 7 +

Standby time 30Second

Standby mode Image

Save

Conn. Type : Automatically discover edge server (IDMC), door unit, indoor unit, etc.



Base

Conn. Type Discover

Device Name Door Phone

Call number 024

Pairing Code Disable

Discover Type IDMC Entrance Intercom

Indoor Machine Villa Gate Machine Bell

Save

3.5.Upgrade

Upgrade: Select the bin file file, click the Upgrade button, check the prompts of WEB and device , and then operate after finished.

3.6.Restart and reset

Restart: Restart the device

Reset: Restore factory settings

Basic

Model G710S_1.0

Hardware Ver V1.0

Software Ver V6.1.0_B3

Upgrade File [Choose bin file](#)

[Upgrade](#)

Control

Reboot [Reboot](#)

Factory reset [Reset](#)