



User Manual

DNAKE S215



REMARK

Please follow the user manual for correct installation and testing. If there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.

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PRODUCT FEATURE

1. Induction loop for hearing impaired
2. Braille dot for visually impaired
3. 3 output relays for door locks
4. Tamper alarm
5. Support IC (13.56MHz) & ID (125kHz) card, PIN code, NFC

TECHNICAL PARAMETER

Power Supply: PoE (802.3af) or DC 12V/2A

Standby Power: 1.5 W

Rated Power: 9 W

Resolution: 480 x 272

Working Temperature: -40°C to +55°C

Storage Temperature: -40°C to +70°C

Working Humidity: 10% to 90% (non-condensing)

PACKAGE CONTENT

MODEL: S215 (Surface Mounting)



S215



Wiring Cover



Sealing Plug of
Wiring Port



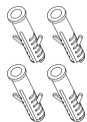
Junction Pressing



PWM3×8×7 (4 pcs)



Rear Cover



Screw Fixing Seat
(4 pcs)



PA4×25 (4 pcs)



FM3×4.5 (2 pcs)



Hang rope



Wrench Screw



Diode (3 pcs)



Quick Start Guide



Rain Hood
(Optional)

MODEL: S215 (Flush Mounting)



S215



Wiring Cover



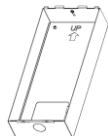
Sealing Plug of
Wiring Port



Junction Pressing



PWM3x8x7 (4 pcs)



Flush Mounting
Box



Screw Fixing Seat
(4 pcs)



PA4x25 (4 pcs)



FM3x4.5 (2 pcs)



Hang rope



Wrench Screw

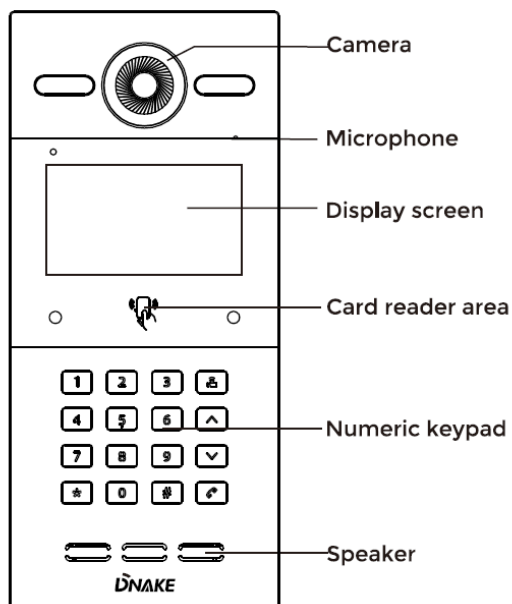


Diode (3 pcs)



Quick Start Guide

OVERVIEW

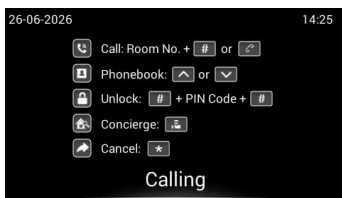
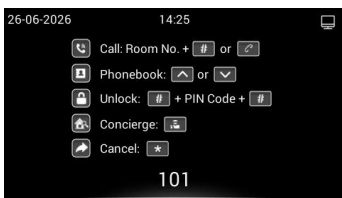
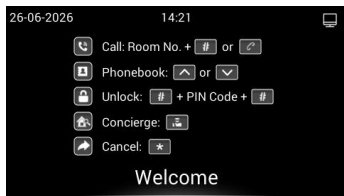


BASIC OPERATION

1. Call and Monitor

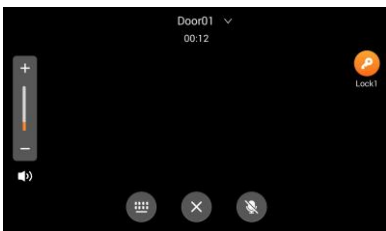
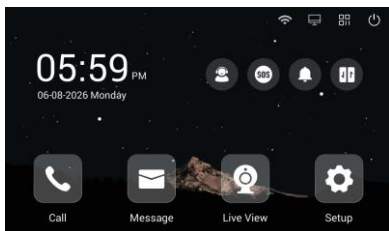
1.1. Call Indoor Monitor

In standby mode, press room numbers + #/dial on Door Station to call Indoor Monitor. During the call, press * on Door Station again to end the call. If the call fails or Indoor Monitor is busy, Door Station will make a beep sound.



1.2. Monitor Door Station

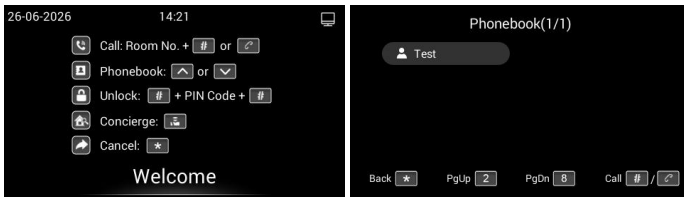
Click Monitor icon on Indoor Monitor's homepage to monitor Door Station.





2. Phonebook

Click up or down button to enter phonebook page. You can dial any residents in this phonebook.



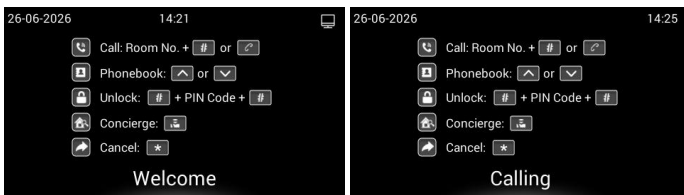
3. Unlock

Press #+PIN Code+# to unlock.



4. Concierge

Press concierge button to call Master Station.



5. Add Cards by Admin Card

5.1. Add other cards

Step 1: Tap the admin card once;

Step 2: And then tap other cards immediately. Other cards you have tapped can be used to open the door;

Step 3: Tap the admin card again to finish.

5.2. Delete other cards one by one

Step 1: Tap the admin card twice;

Step 2: And then tap other cards immediately. Other cards you have tapped will be deleted;

Step 3: Tap the admin card again to finish.

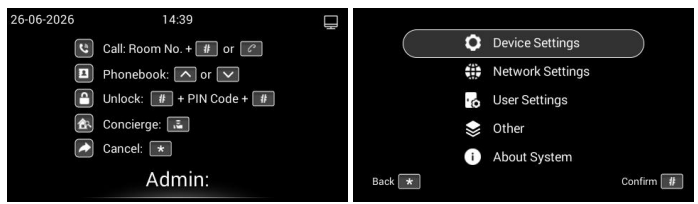
5.3. Delete all other cards

Tap the admin card five times. All the other cards will be deleted.

Tips: The admin card can only be used to manage cards. It cannot be used to open the door.

DEVICE SETTING

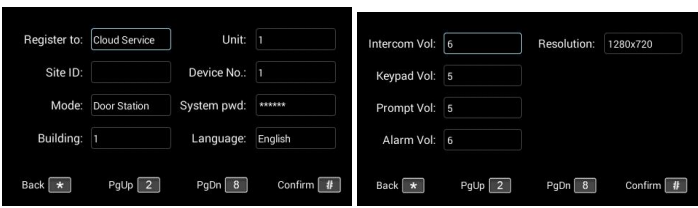
Connect Door Station and PC to a network switch in the same LAN. You can enter the admin settings of Door Station by pressing # twice and entering default password (123456). This is where you can configure the device.



1. Device Settings

Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor. For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

The Index number here is to distinguish different Door Stations when more than one Door Station in one building.

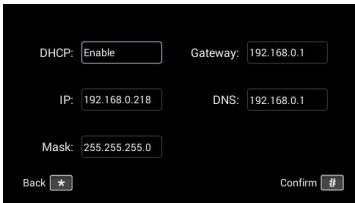


Reg to	Configure CMS or Cloud Platform device management server the device registers with
Site ID / CMS IP	When Cloud Platform Service is selected, enter the corresponding Site ID in this field. When CMS service is selected, enter the corresponding CMS IP in this field.

Mode:	Mode for apt., Gate Station or Door Station (Unit and wall)
Building No:	Number of the building
Unit No:	Number of the unit
Device No:	Number of the Device
System PWD	Administrator password of the Device (Default 123456)
Language:	16 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türk, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský);
Intercom Vol:	Volume of intercom can be set from 0 to 6;
Keypad Vol:	Volume of keypad can be set from 0 to 6;
Prompt Vol:	Volume of prompt can be set from 0 to 6;
Alarm Vol:	Volume of Alarm can be set from 1 to 6;
Resolution:	3 resolutions supported (640 × 480, 1280 × 720, 1920 × 1080);

2. Network Settings

The device network can be set to either DHCP or a static IP address.

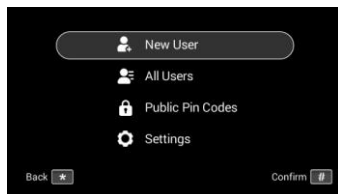


DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distributing network configuration parameters;
IP:	Configure Static IP address to manually distributing network configuration parameters;
Mask:	Subnet mask;

Gateway:	A component that is part of two networks, which use different protocols;
DNS:	Domain Name Server of the device;

3. User Settings

You can add new users, view all existing users, edit the common password, and settings

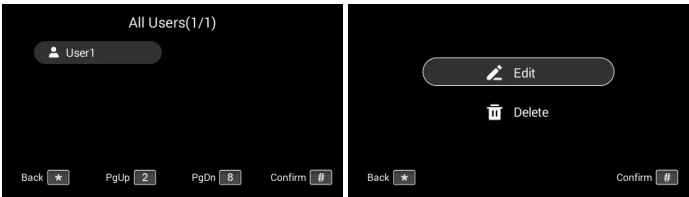


3.1 New User

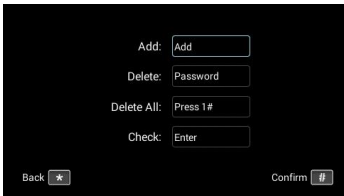
Room No:	The room number assigned to the new user.
Face:	Add the user's facial recognition information.
PIN Mode:	Select the user's PIN Code mode. You can choose between Apartment Number + PIN Code and Randomly Generated PIN Code modes.
Relay	Select the user's permission level for controlling the available relay.

3.2 All User

On the All Users page, you can view all users currently stored on the device. Select a user name and press the # key to confirm, then edit or delete the selected user.



3.3 Public PIN Code



Add:	Add a Public PIN Code;
Delete:	Enter the PIN Code to delete it;
Delete All:	Press 1 + # to delete all Public PIN Code;
Check:	Press the # key to enter the page and view all Public PIN Codes currently stored on the device.

3.4 Settings

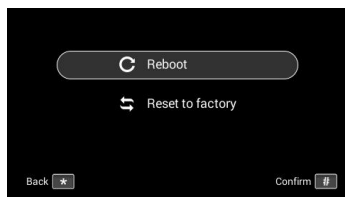


Elev Refer:	The floor Door Station is installed at (Range: - 9- 99);
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Unlock Delay:	Configure the Unlock Delay for each relay. The value can be set from 1 to 9 seconds.
Unlock Time:	Configure the Unlock Time for each relay. The value can be set from 1 to 9 seconds;

4. Other Settings

On this page, you can restart the device or restore it to factory settings.



5. About System

You can find basic information displayed in About System.

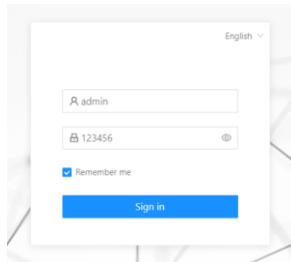


Firmware Version:	Firmware version of the device;
IP:	Current IP address of the device;
MAC:	MAC address of the device;
Account 1:	when the cloud platform function is enabled, it is assigned to the cloud platform by default, and when the cloud platform function is disabled, users can configure the SIP server manually.
Account 2:	when the cloud platform function is enabled and Account 1 is occupied, users can configure a second third-party SIP server

WEB SETTING

Connect Door Station and PC to a network switch in the same LAN. You can enter the IP address of Door Station in the web browser search bar and log in with the default account (admin) and password (123456). This is where you can configure the device.

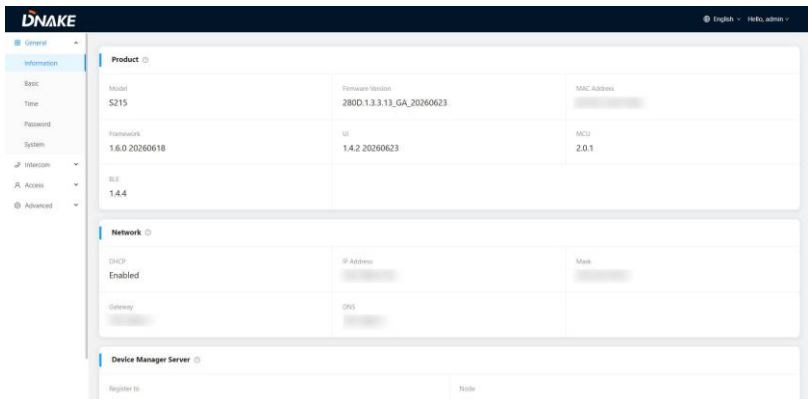
For getting the IP address, you can search by DNAKE Remote Upgrade Tool which is installed in the same LAN with the devices.

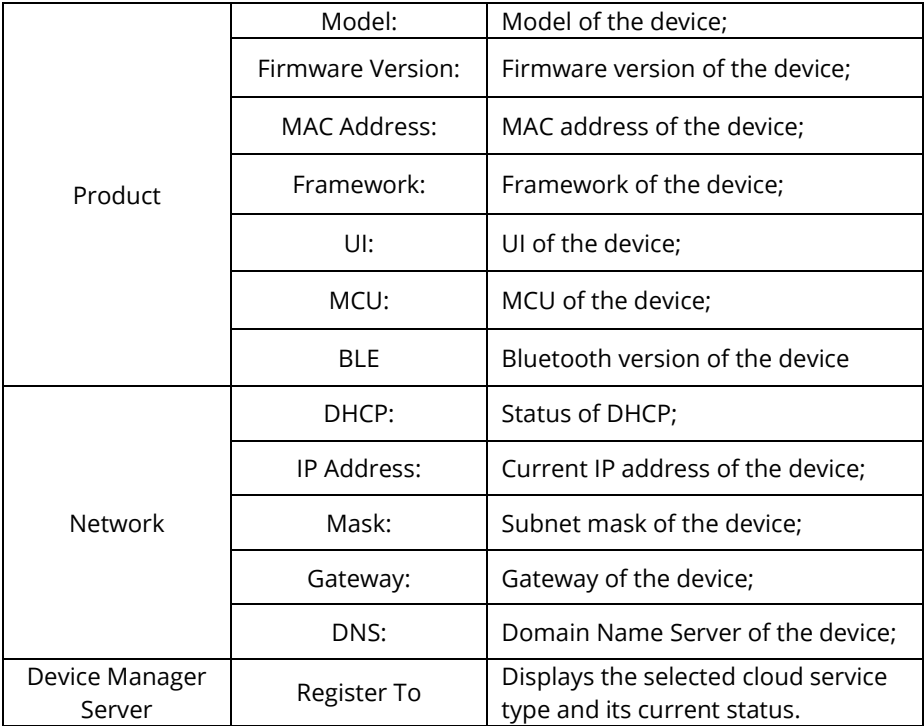


1. General

1.1. General > Information

When you first log in to the web interface, you can find basic information displayed in this dashboard.





	Node	Node information of the management server to which the device is connected
SIP Account	Account:	SIP account of the device;
	Status:	Status of SIP registration of the device;

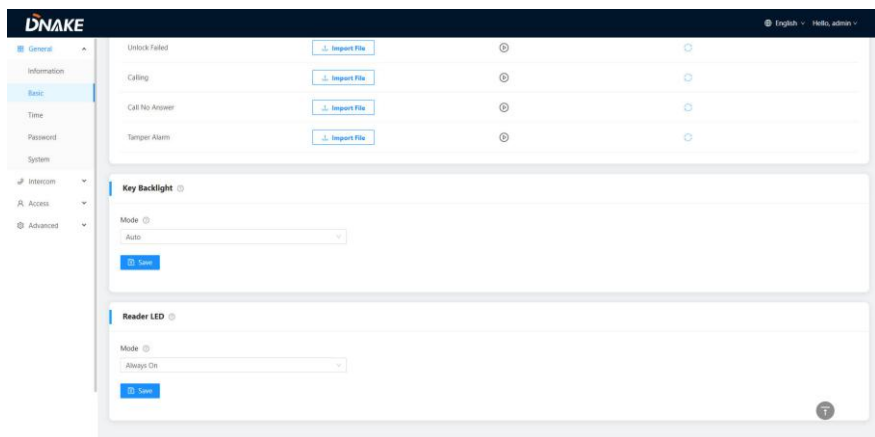
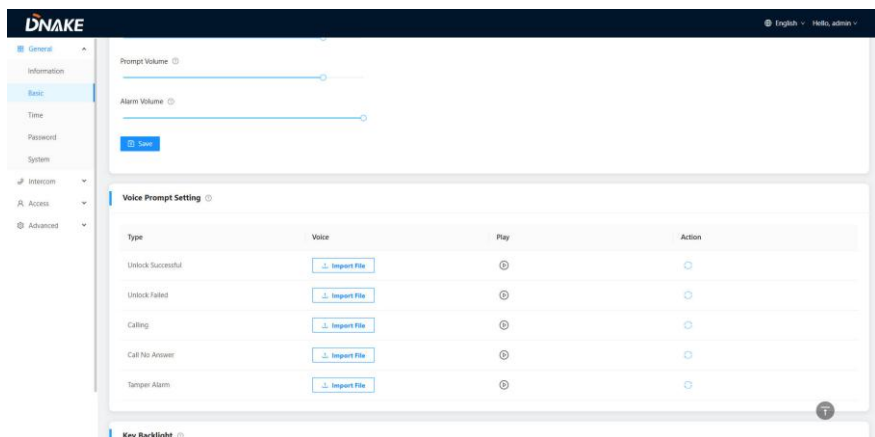
1.2. General > Basic

Language, resolution and volume of the device can be configured in this column.

The screenshot displays the DINAKE web interface. On the left is a navigation menu with options: General, Information, Basic (selected), Time, Password, System, Intercom, Access, and Advanced. The main content area is titled 'Basic' and contains the following settings:

- Web Language:** A dropdown menu set to 'English' with an '+ Add Web Language' button below it.
- LCD Language:** A dropdown menu set to 'English' with an '+ Add LCD Language' button below it.
- Resolution:** A dropdown menu set to '1280x720'.
- Volume:** A section containing three sliders:
 - Intercom Volume:** A slider with a blue track and a white knob.
 - Keypad Volume:** A slider with a blue track and a white knob.
 - Prompt Volume:** A slider with a blue track and a white knob.

A 'Save' button is located at the bottom of the 'Basic' section.



Basic	Web Language:	Configure the display language of the web interface;
	Add Web Language:	Configure the custom language displayed on the web interface. You can submit a custom language package and name this language.
	LCD Language:	Configure the display language of the device LCD screen;

	Add LCD Language:	Configure the custom language displayed on the device's LCD screen. You can submit a custom language package and name this language.
	Resolution:	3 resolutions supported (640 × 480, 1280 × 720, 1920 × 1080);
Volume	Intercom Vol:	Volume of intercom can be set from 0 to 6;
	Keypad Vol:	Volume of keypad can be set from 0 to 6;
	Prompt Vol:	Volume of prompt can be set from 0 to 6;
	Alarm Vol:	Volume of Alarm can be set from 1 to 6;
Voice Prompt Setting	Type:	The Voice Prompt trigger type, supports custom audio prompts for specific events, including Unlock Successful, Unlock Failed, Calling, Call No Answer, Tamper Alarm, and other supported event types;
	Voice:	Click Import File to upload a voice prompt file;
	Play:	Click Play to preview the voice prompt;
Key Backlight	Mode	Configure the brightness mode of the device's keypad light.
Reader LED	Mode	Configure the brightness mode of the device's reader LED.

1.3. General > Time

Time of the device can be configured. Daylight Saving Time is also supported.

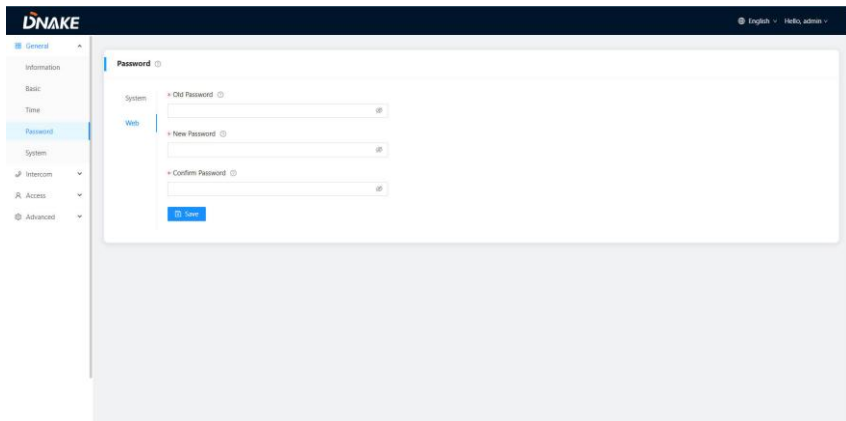
	Time Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);
	Device Time Display	Configure whether the device's LCD screen displays time
Daylight-Saving Time	Daylight-saving Time:	Enable to set DST;
	Start Time:	The beginning of DST;
	End Time:	The ending of DST;
	Offset Time:	The default value is 60 minutes;

1.4. General > Password

The System password is for the administrator to log in settings on the device while the Web password is for the administrator to log in settings on the web. The default password for both of them is 123456.

The screenshot shows the D-NAKE web interface. The sidebar on the left contains the following menu items: General, Information, Basic, Time, Password (highlighted), System, Intercom, Access, and Advanced. The main content area is titled 'Password' and includes the following sections:

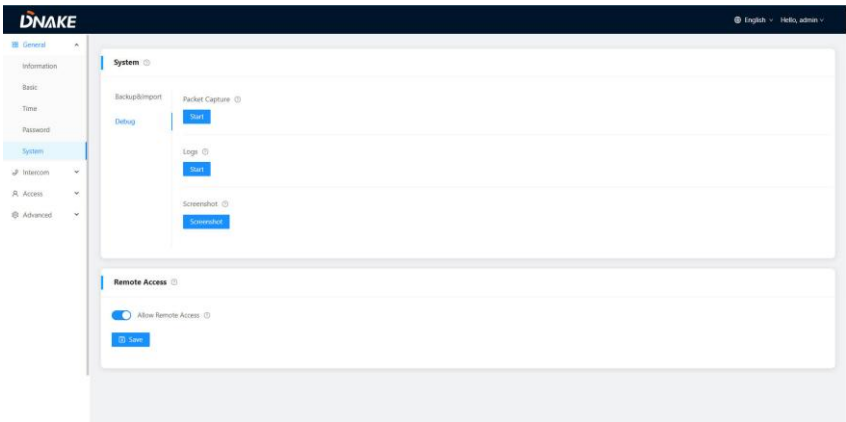
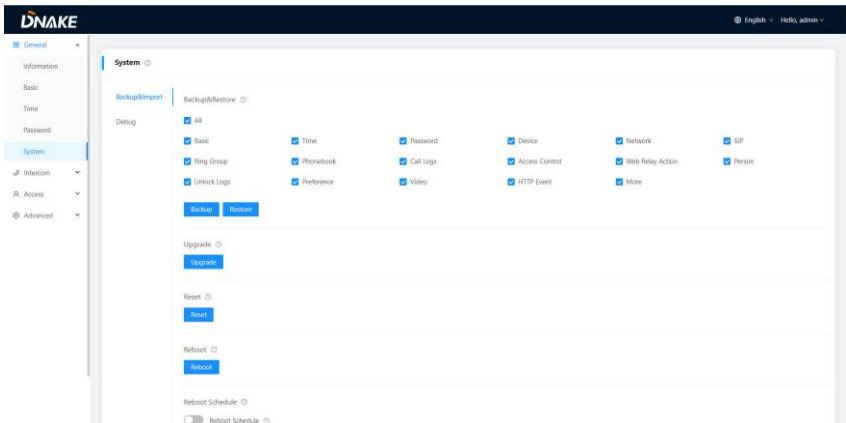
- System**
 - Lockout Setting
 - Max Retry Attempts: Unlimited
 - [Save]
- Web**
 - Change Password
 - Old Password: [Input field]
 - New Password: [Input field]
 - Confirm Password: [Input field]
 - [Save]



System	Max Retry Attempts	Configure whether to lock the account after multiple incorrect entries of the device admin password and to set the lock duration.
	System Old Password:	Current administrator password of the Device (Default 123456);
	System New Password:	New administrator password of the Device;
	System Confirm Password:	Confirm administrator password of the Device;
Web	Web Old Password:	Current administrator password of the web (Default 123456);
	Web New Password:	New administrator password of the web;
	Web Confirm Password:	Confirm administrator password of the web;

1.5. General > System

The system column is designed for data backup and restore, firmware upgrade, factory default, device reboot, packet capture, logs capture, and obtaining UI screenshots.



Backup & Import	Backup & Restore:	Backup all setting and restore settings;
	Upgrade:	Upgrade equipment;

	Reset:	Reset to factory settings;
	Reboot:	Reboot the device;
	Reboot Schedule	When enabled, the door station will automatically reboot at the scheduled time every day.
Debug	Packet Capture:	Capturing packets can help developers reproduce positioning problems;
	Logs:	Device logs;
	Screenshot:	Screenshot device interface;
Remote Access	Allow Remote Access	Configure whether the device allows the cloud platform remote WebUI

2. Intercom

2.1. Intercom > Device

Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor. For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

The device number here is to distinguish different Door Stations when more than one Door Station is in one building.

The screenshot shows the Dnake web interface. On the left is a sidebar menu with categories: General, Information, Basic, Time, Password, System, Intercom, Device, Network, SIP, Ring Group, Phonebook, Call Logs, Access, and Advanced. The 'Device' section is selected. The main content area has two tabs: 'Device Manager Server' and 'Device'. The 'Device Manager Server' tab is active, showing a 'Register to' dropdown set to 'Cloud Service', a 'Site ID' input field, and a 'Nodes' section showing 'Default Node (Connected)' with a 'Save' button. The 'Device' tab is also visible, showing fields for 'Device Name', 'Mode' (set to 'Door Station'), 'Building' (set to '1'), and 'Unit' (set to '1').

Device Manager Server	Reg to	Configure CMS or Cloud Platform device management server the device registers with
	Site ID / CMS IP	When Cloud Platform Service is selected, enter the corresponding Site ID in this field. When CMS service is selected, enter the corresponding CMS IP in this field.
Device	Device Name:	Name of the Device
	Device Mode:	Mode for apt. and wall (Unit and wall);
	Building No:	Number of the building;
	Unit No:	Number of the unit;
	Device No:	Number of the device;

2.2. Intercom > Network

The device network can be set to either DHCP or a static IP address. CMS parameters should be configured here when you try to register this device to CMS.

The screenshot shows the Dnake web interface. On the left is a sidebar menu with options: General, Information, Basic, Time, Password, System, Intercom, Device, Network (highlighted), SIP, Ring Group, Phonebook, Call Logs, Access, and Advanced. The main content area is divided into two sections. The top section, titled 'Network', contains a toggle for 'DHCP' which is turned on, and input fields for 'IP Address', 'Mask', 'Gateway', and 'DNS', each with a '+' icon to its left. A 'Save' button is at the bottom of this section. The bottom section, titled 'RTP Settings', contains input fields for 'Audio RTP Port' (with the value 6000) and 'Video RTP Port'. Below these are radio buttons for 'Fixed Value' (selected) and 'Random Value'.

Network	DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distribute network configuration parameters;
	IP Address:	Configure Static IP address to manually distribute network configuration parameters;
	Mask:	Subnet mask;
	Gateway:	A component that is part of two networks, which use different protocols;
	DNS:	Domain Name Server of the device;
RTP Settings	Audio RTP Port	Configure the audio RTP port
	Video RTP Port	Configure the video RTP port

2.3. Intercom > SIP

The SIP column concerns SIP registration, Display Name, Register Name, Username, Password, SIP Server Host, Outbound Proxy, Transfer Protocol, Video Payload, etc.

The screenshot shows the Dnake web interface. On the left is a sidebar menu with categories: General, Information, Basic, Time, Password, System, Intercion (expanded), Device, Network, SIP (highlighted), Ring Group, Phonebook, Call Logs, Access, and Advanced. The main content area is titled 'Account1' and shows its status as 'Unregistered'. Below this is the 'Account2' configuration section, which includes a 'SIP' toggle switch (currently off), and input fields for 'Display Name', 'Register Name', 'Username', and 'Password'. At the bottom of this section are 'SIP Server Host' and 'Outbound Proxy' fields, each with a 'Port' dropdown menu set to '5060'. A 'Save' button is located at the bottom right of the Account2 section.

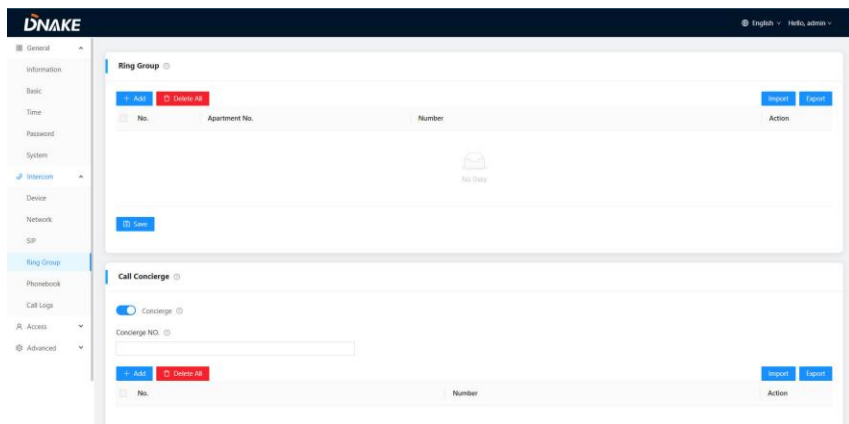
This screenshot shows the 'SIP' configuration page for Account2. The sidebar menu is identical to the previous image, with 'SIP' highlighted. The main content area shows the 'SIP Server Host' and 'Outbound Proxy' fields with their respective 'Port' dropdowns set to '5060'. Below these are the 'Registration Duration' (set to '1800') and 'Transport Protocol' (set to 'UDP') fields. There is a 'DNS SRV' toggle switch (currently off) and a 'Save' button. The 'Other' section at the bottom contains a 'Video Payload' field (set to '102') and a 'AVPF' toggle switch (currently off), with another 'Save' button at the bottom right.

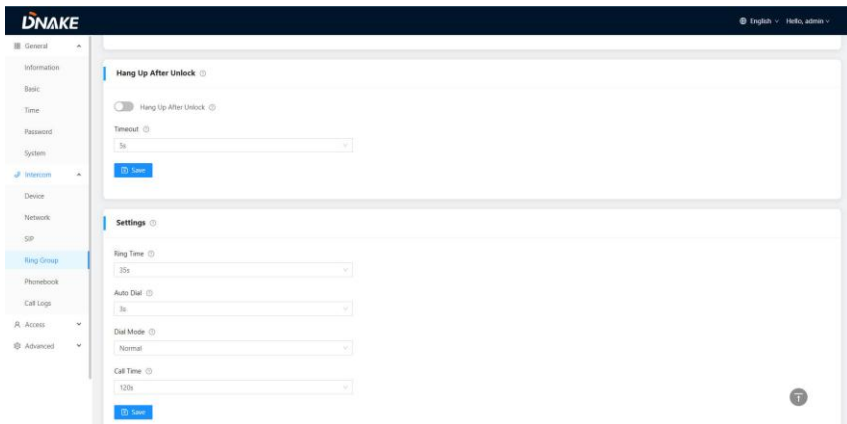
Account 1	Account1	When the device is registered to the cloud platform, Account 1 is reserved for cloud platform services. In this case, Account 1 will display the cloud registration status.
Account 2	SIP:	Enable to use SIP;
	Display Name:	Display name of SIP;
	Register Name:	Register Name of SIP;

	Username:	Username of SIP;
	Password:	Password of SIP;
	SIP Server Host:	Directly fill in SIP server's address e.g., 192.168.68.90; The default port is 5060;
	Outbound Proxy:	Outbound Proxy of SIP; the default port is 5060;
	Registration Duration	Configure the registration duration when the device registers with the SIP server.
	Transfer Protocol:	Transfer Protocol (UDP, TCP, TLS);
Other	Video Payload:	Video payload range is 96-127;
	AVPF	Enable or disable the AVPF function.

2.4. Intercom > Ring Group

Ring group is for setting up SIP calls or call mode. Concierge button, the length of the call and ring time can also be configured here.





Ring Group	Call Mode:	2 modes supported (one by one, all at once);
Call Concierge	Concierge:	It is used to configure the device to enable the concierge function. If Disable, the concierge icon on the device LCD will not be visible, and the concierge button on the keyboard (if any) will not respond when pressed.
	Concierge Code:	It is used to configure the number that the device calls the concierge. If configured, the enter number will be displayed on the LCD.
	Call Mode:	2 modes supported (one by one, all at once);
Hang Up After Unlock	Hang Up After Unlock	It is used to configure whether the device automatically ends the call after unlocking.
	Timeout	It is used to configure the time (second) when the device automatically ends the call after unlocking.

Settings	Auto Dial	It is used to configure the time (second) after which the device automatically make a call after you stop enter digits
	Ring Time:	The ring will be ended automatically after a period of time (10s, 20s, 35s, 45s, 60s, 90s, 120s)
	Call Time:	The call will be ended automatically after a period of time (120s, 300s, 600s, 1200s, 1800s);
	Dial Mode	It is used to configure whether to call the SIP number again if the other party does not answer.
	Video Active	It configures the video call feature for the device, If you disable, it will be make a audio call.

2.5. Intercom > Phonebook

All contacts on Door Station can be edited here.

The screenshot displays the Dnake Phonebook interface. On the left is a sidebar menu with options: General, Information, Basic, Time, Password, System, Intercom (selected), Device, Network, SIP, Ring Group, Phonebook (highlighted), Call Logs, Access, and Advanced. The main content area is titled 'Phonebook' and includes search fields for Name and Number, with 'Add', 'Delete All', 'Import', and 'Export' buttons. Below is a table with columns for checkboxes, No., Name, Number, and Action. One contact is listed: 'Test' with number '101'. At the bottom, the 'Settings' section shows 'Number of Contacts to Display Per Page' set to 10, 'Search Contacts' toggle, 'Contacts Display Mode', and 'Default Sorting (By Added Date)'.

Phonebook	Search:	Fill in text inputs to search;
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	Reset:	Click reset to clear words in text inputs;
	Delete All:	Delete all data on the chart;
	Import:	Import all data to the chart;
	Export:	Export all data on the chart;
Settings	Number of contacts to display per page	It is used to configure the display style of the contact function on the device LCD
	Search Contacts	Enable or disable the Search Contact function.
	Contacts Display Mode	Configure the display mode of the contacts list on the device's LCD screen

2.6. Intercom > Call Log

On this page, you can view all Call Logs stored on the device. You can filter the records by call type and time, or delete all call logs with a single tap.

The screenshot displays the DINAKE Intercom Call Log interface. The sidebar on the left lists various system settings, with 'Call Log' highlighted. The main area shows a table of call logs with columns: No., Type, Name, Number, Duration, and Date&Time. A 'Delete all' button is visible at the top left of the table, and 'Search' and 'Export' buttons are at the top right. The table contains 7 entries, showing a mix of incoming and outgoing calls with various durations and timestamps.

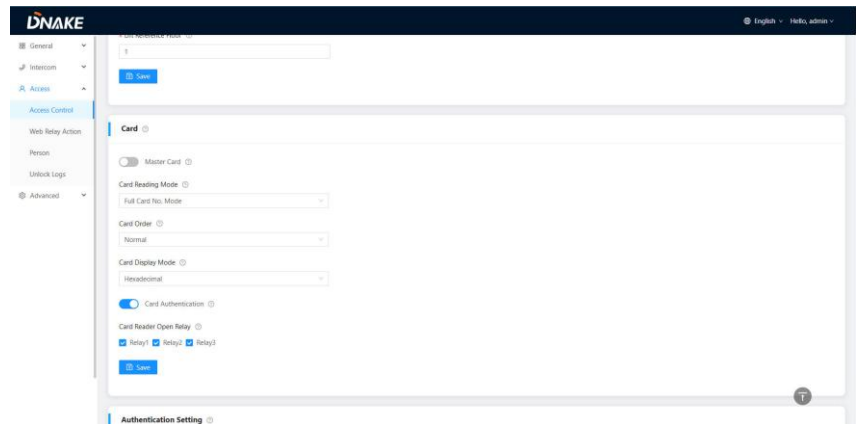
3. Access

3.1. Access > Access Control

Relays, access cards, PIN code can be configured here.

Unlock Time:	The length of unlock time (1-9s);
Dry Contact Input 1-4	3 modes of dry contact inputs are supported (Exit Button, Door Sensor, Fire Linkage);
Elevator Floor Configure:	The floor Door Station is installed at (Range: -9-99);

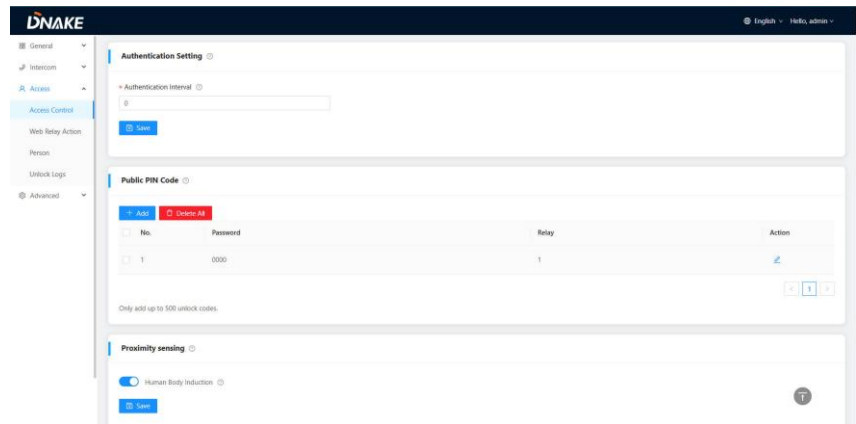
3.1.2. Access Control > Card



Master Card:	Click read to add Master card to manage cards;
Card Reading Mode	It is used to configure the mode of the device to read the access card. Compatible mode: read a specific card number in the card Full Card No. mode: read all card numbers in the card
Card Order	It is used to configure the order in which the device reads all the card numbers in the access card
Card Display Mode	It is used to configure the display style after the device reads all the card numbers in the access card
Card Authentication	configure local card verification for this door station. Enable: Authenticates the card, triggers the relay, and displays success/failure

	prompts. Disable: Forwards the card UID via Wiegand only. No authentication, relay action, or prompts.
Card Reader Open Relay	It is used to configure the relay that opens after the access card is read by the device card reader

3.1.3. Access Control > Authentication Setting, Public PIN Code and Proximity Sensing



Authentication Interval	Configure the access control authentication time interval, allowing each user to successfully unlock only once within the set time period.
Unlock PIN:	Click to add PIN code or delete all;
Human Body Induction:	Once you approach to Door Station, face scan will be enabled automatically;

3.1.4. Access Control > Open Relay via HTTP

It is used to configure whether third-party devices can use http to unlock. If enabled, third parties can use http commands to unlock.

Open Relay via HTTP ⓘ

☒ Relay via HTTP ⓘ

[Save](#)

3.1.5. Access Control > Wiegand Setting

Wiegand Setting ⓘ

Wiegand Input Bits ⓘ
26

Wiegand Input Data Order ⓘ
Normal

Wiegand Output Bits ⓘ
26

Wiegand Output Data Order ⓘ
Normal

Wiegand Output Type ⓘ
Card Number

Wiegand Open Relay ⓘ
☒ Relay1 ☐ Relay2 ☐ Relay3

[Save](#)

Wiegand Input Bits:	It is used to configure the bits of the value obtained by the device's Wiegand port from an external card reader;
Wiegand Input Data Order:	It is used to configure the input sequence of the data obtained by the door station from the external card reader;
Wiegand Output Bits:	It is used to configure the bits of the value sent by the device's Wiegand interface to the external device;
Wiegand Output Data Order	It is used to configure the sequence of data that the door station sends to external devices
Wiegand Open Relay	It is used to configure the relay that opens after the access card is read by external Wiegand

3.2. Web Relay Action

General

Intention

Access

Access Control

Web Relay Action

Person

Unlock Logs

Advanced

Web Relay Action

IP Address:

Username

Password

No.	Web Relay Key	Action URL	Web Relay Permission
Action 1			
Action 2			
Action 3			
Action 4			
Action 5			

IP Address:	The IP address of the web relay action;
Username:	The username used by web relay for authentication
Password:	The password used by web relay for authentication;
Web Relay Key:	Configure the DTMF key that triggers the web relay action. When the device receives the DTMF value from the other end during a call, it can trigger the web relay to perform the configured action.;
Action URL:	Configure the operation to be performed after receiving the web relay, usually an http command, for example, http://username:password@IP/state.xml?relayState=2
Web Relay Permission	Configure the legal devices that are allowed to trigger the web relay. If it is empty, all terminals that talk to the device can trigger it. If the IP or SIP account of a specified device (xxx.xxx.xxx.xxx or xxx@xxx) is configured, can only be triggered by the specified device

3.3. Access > Person

Person column is for access authorization.

Person

Local Cloud

Group: Name: Apartment No.: Card No.:

No.	Name	Apartment No.	Person Type	Card No.	Relay	Status	Action
1	User1	101	Resident	None	1	Enabled	Edit

Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Add:	Add users to Door Station;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

3.4. Access > Unlock Logs

Unlock Logs

Group: Name: Person Type:

Unlock Type: Unlock Time:

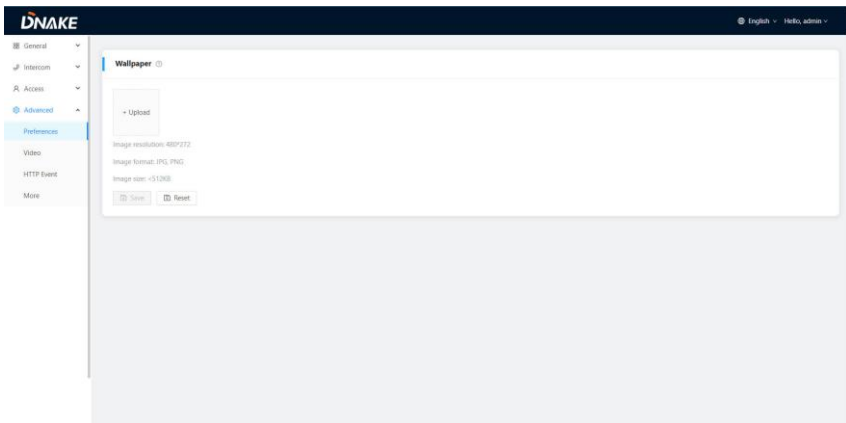
No.	Group	Name	Person Type	Unlock Type	Number	Status	Relay	Unlock Time
1	Ungroup	None	None	Password	1	Failed	None	2020-06-26 14:40:33

Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;

Add:	Add users to Door Station;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

4. Advanced

4.1. Advanced



Wallpaper	Wallpaper:	It is used to upload the wallpaper. When you click Reset, the uploaded wallpaper will be deleted, and it will be restored to the factory preset wallpaper;
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4.2. Advanced > Video

Real-time video from IP cameras can be obtained by filling in its URL (RTSP). On the talking interface of Indoor Monitor, you can click the little keyboard icon to switch to IP cameras' video. (No.1 on the keyboard stands for Door Station while No.2 to No.5 stands for IP camera)

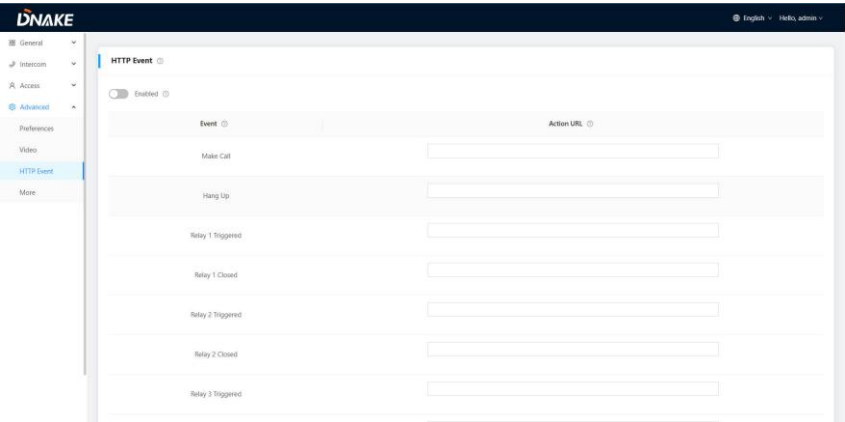
The screenshot shows the D-NAKE web interface. On the left is a sidebar with a menu: General, Intrusion, Access, Advanced, Preferences, Video (highlighted), HTTP Event, and More. The main content area has three sections:

- Video Stream Settings**: Contains a toggle for 'Video Stream' (which is turned on), a 'Username' field with 'admin' entered, a 'Password' field with masked characters, and a 'Save' button.
- RTSP LED**: Contains an 'RTSP LED' dropdown menu set to 'Auto' and a 'Save' button.
- RTSP Feed**: Contains an 'RTSP Feed' dropdown menu set to 'Disabled'.

Video Stream Settings	Video Stream:	Configure whether the device is enabled for video surveillance;
	Username	configure the username for authentication when the device is used as video surveillance
	Password	Configure the password for authentication when the device is used as video surveillance
Video Stream OSD	Video Stream OSD	Enable or disable the Video Stream OSD (On-Screen Display) function.
	OSD Font Color	Configure the OSD Font Color by selecting either White or Black.
RTSP LED	RTSP LED	It is used to configure the LED settings when the device is used as a video surveillance device.
RTSP Feed	RTSP Feed	It is used to configure the device's RTSP Feed settings. If configured, you need to fill in the URL

4.3. HTTP Event

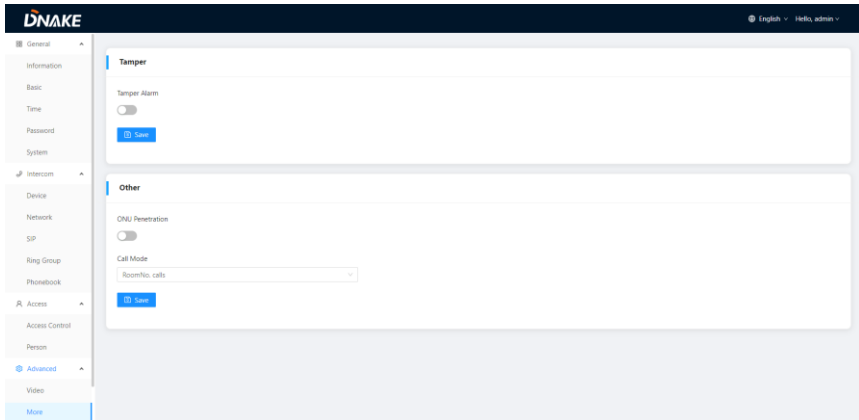
The actions triggered by the user when operating the device



Enabled:	configure whether to enable the trigger action;
Event:	Display operations that support triggering actions;
Action URL:	configure the triggered action, usually an http command, for example, http://username:password@IP/state.xml?action=unlock;

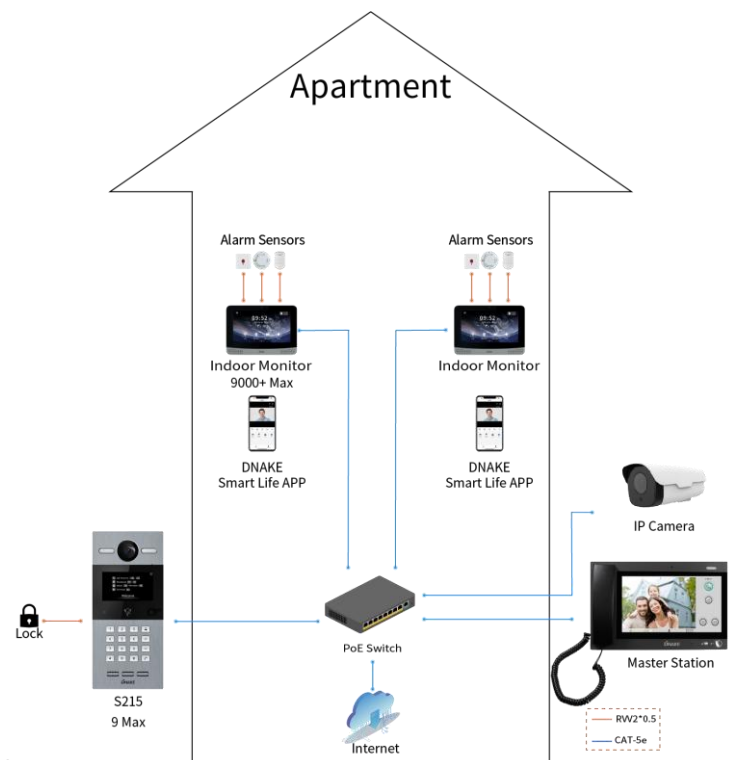
4.4. Advanced > More

More column is for Tamper Alarm and ONU Penetration.

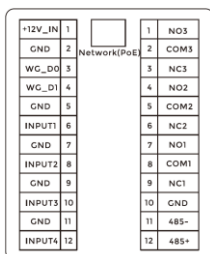


Web Call	Web Call	Initiate a door station call from the web. This function is primarily intended for testing purposes.
Advertise	Advertise:	Enable to advertise on the screen saver of the device;
	URL:	Advertise URL;
	Time (minutes):	The time length of advertise display (10mins, 20mins, 30mins);
Tamper	Tamper Alarm:	Enable to use Tamper alarm;
Scheduled Sleep	Scheduled Sleep	It is used to configure whether the device has scheduled sleep function enabled. If enabled, you can configure the start, end, and day of the week within the effective time.
Other	ONU Penetration:	Enable to prevent ONU from banning multicast;
	Call Mode	It is used to configure the call mode corresponding to the number entered on the device dial pad.
Third-Party Integrations	Control4	Configure the connection to Control4 for intercom calls, remote door unlock, and live audio monitoring.

SYSTEM DIAGRAM



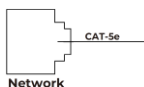
DEVICE WIRING



1. Network (PoE)

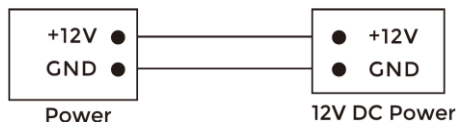
Standard RJ45 interface is used to be connected to the Master Station, Indoor Monitor and/or other network equipment.

PSE shall comply with IEEE 802.3af (PoE) and its output power not less than 15.4W and its output voltage not be less than 50V.

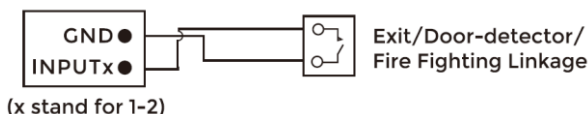


2. Power

The power interface of Door Station connects to 12V DC power.



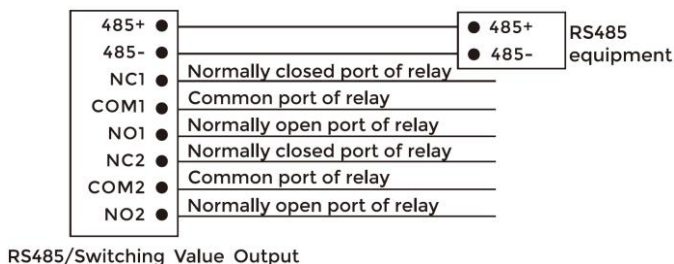
3. Exit/Door-detector/Fire Fighting Linkage



4. RS485/Switching Value Output

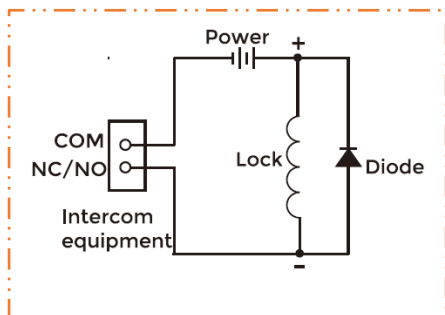
Enable to connect equipment with RS485 interface.

Connect to the lock module (an independent power supply is necessary for the lock).



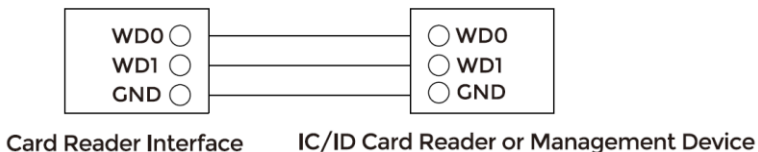
⚠ Warning!

1. When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in anti-parallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
2. The load current of the relay cannot be greater than 2A. See attached picture for more details.



5. Card Reader Interface

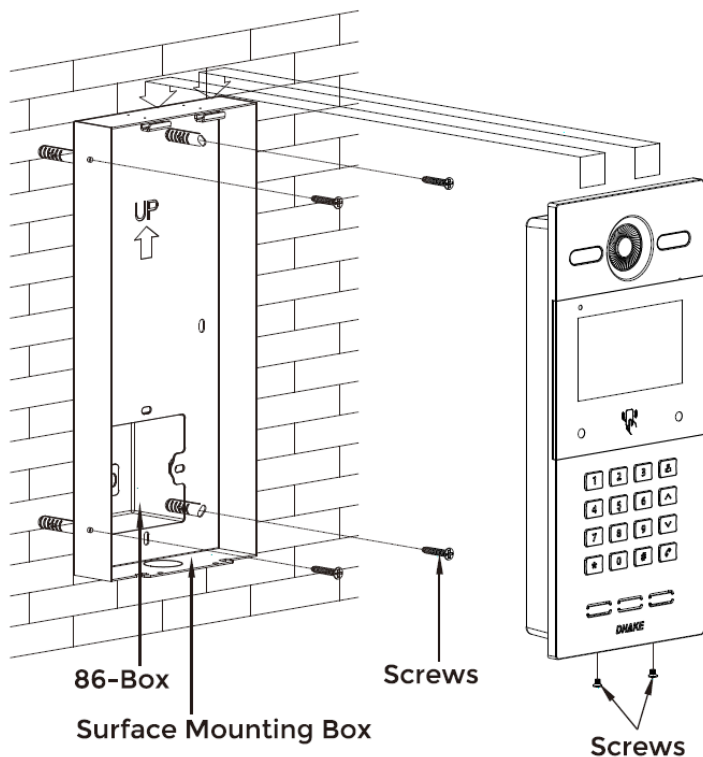
The interface can be connected to one IC/ID card reader or be used for reading the information of built-in card reader.



Note: Door Station can only be connected to one card reader or management device at a time.

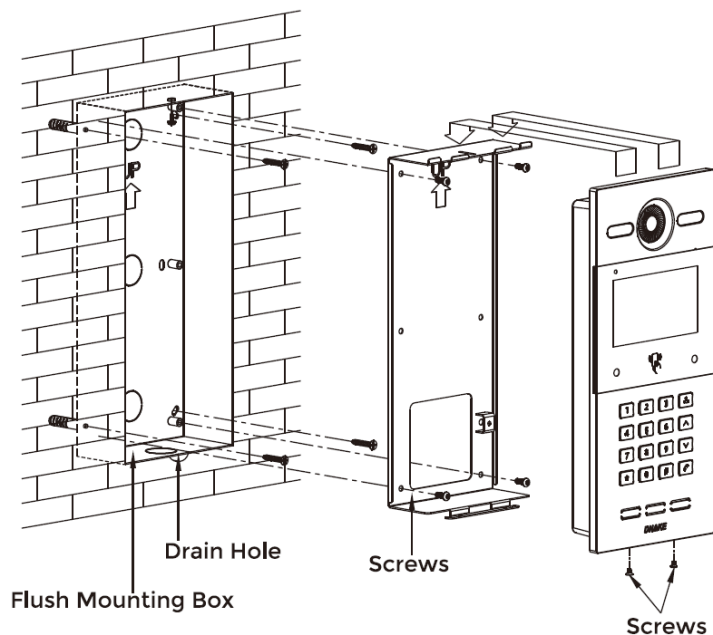
INSTALLATION

Surface Mounting-86 Mounting Box



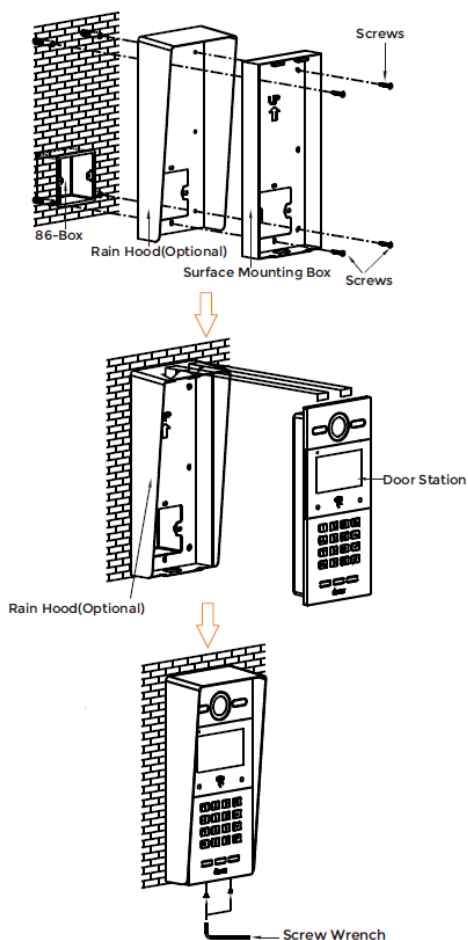
Product size: 133 × 295 × 41 mm
Surface Mounting size: 133 × 295 × 43 mm

Flush Mounting



Product size: 133 × 295 × 41 mm
Flush Mounting size: 133 × 295 × 63.5 mm
Mounting hole size: 124 × 289 × 56 mm

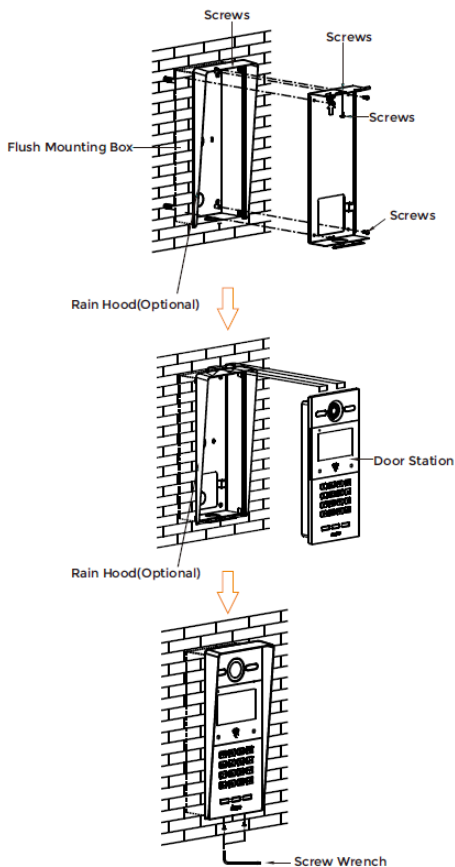
Surface Mounting & Rain Hood (Optional)



Product size: 133 × 295 × 41 mm

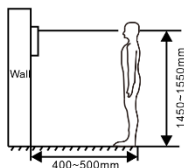
Surface Mounting size: 133 × 295 × 43 mm

Flush Mounting & Rain Hood (Optional)



Product size: 133 × 295 × 41 mm
Flush Mounting size: 133 × 295 × 63.5 mm
Mounting hole size: 124 × 289 × 56 mm

Tips



The camera should be 1450~1550mm above the ground.
The camera at this height can capture human face perfectly.

TROUBLESHOOTING

The Indoor Monitor cannot start up or power off automatically.

- Check whether it has power-failure, and power it on again

The Indoor Monitor display screen is too dim.

- Check whether the brightness and contrast settings of screen are correct.

No sound during the communication.

- Check whether the Indoor Monitor is set as mute mode, or the volume is set to the lowest.

The Indoor Monitor cannot monitor the Door Station.

- Other user is using the system, so you can use it once he/she finished the operation.

Multimedia files cannot be played normally.

- Check whether the system supports the file format. Please refer to the multimedia setting for details.

No response when clicking Indoor Monitor display screen.

- Press "Unlock" button for 5s, or slowly slide horizontally or vertically on the LCD to make touchscreen calibration. It needs to be calibrated.

Touchscreen responses slowly or cannot make calibration.

- Take down any protective paster, since it may affect identification
- and input for device;
- Ensure the finger is dry and clean when clicking touchscreen;
- Restart the device to clear any temporary software error.

The temperature of device is too high.

- Long-term use leads to high temperature. It's normal and will not affect the device's use life and performance.
-

SAFETY INSTRUCTION

In order to protect you and others from harm or your device from damage, please read the following information before using the device.

- Do not install the device in the following places:
- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion:

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- Do not make the power supply slip or cause the impact.
- Do not use the power supply without the manufacturer's approval.
- Do not have the liquids such as water go into the device.

Clean Device Surface

- Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause floppover or damage to the device.
- Please be careful when standing up from the area under the device.
- Do not disassemble, repair or modify the device at your own discretion.

- The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.
- When moving, please hand over the manual to new tenant for proper usage of the device.

**EASY & SMART
INTERCOM SOLUTIONS**