

DNAKE



User Manual

DNAKE S414

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. 4.3-inch IPS LCD capacitive touch screen
2. 2 output relays for door locks
3. 2MP HD dual camera with automatic lighting
4. Support WDR technology to lighten the dark areas and darken the overexposed parts of the image.
5. Support 20,000 users, 20,000 faces, and 60,000 cards
6. Unlock methods: Face recognition, IC/ID card, PIN code, QR Code, Bluetooth
7. Tamper alarm

TECHNICAL PARAMETER

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

Standby Power: 8 W

Rated Power: 10 W

Resolution: 480x272

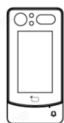
Working Temperature: -40°C to +55°C

Storage Temperature: -40°C to +70°C

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

PACKAGE CONTENT

MODEL: S414 (Surface Mounting)



S414



Outlet Seal Plug



Junction Pressing
Plate



Screw(FM2X5,4pcs)



Torx
Screwdriver(T10)



Screw(FM4X20,2pcs)



Screw(FM4X25,4
pcs)



Screw Fixing Seat
(4pcs)

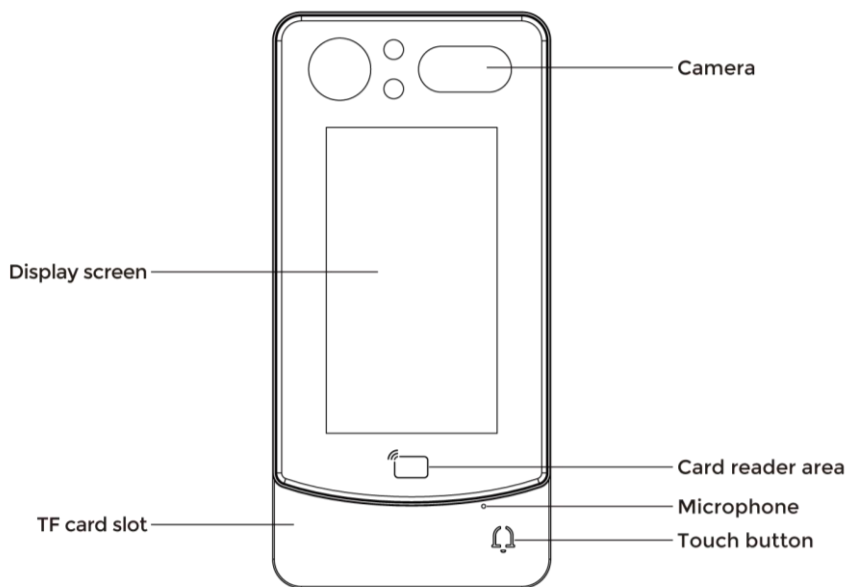


Bracket



Quick Start
Guide

OVERVIEW



BASIC OPERATION

1. Contacts

Go to “CONTACTS” to enter contacts list. You can dial any residents in this list.

2. Unlock

Go to PIN page, press PIN Code and lock icon to unlock.

3. Facial Recognition

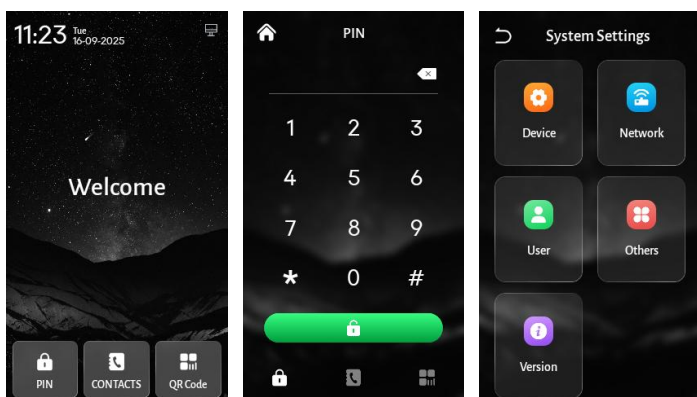
Go to the “FACE” page to wake up face scan. Facial recognition should be enabled beforehand.

4. QR Code

Go to QR code pages, then scan the QR code from Smart Pro.

DEVICE SETTING

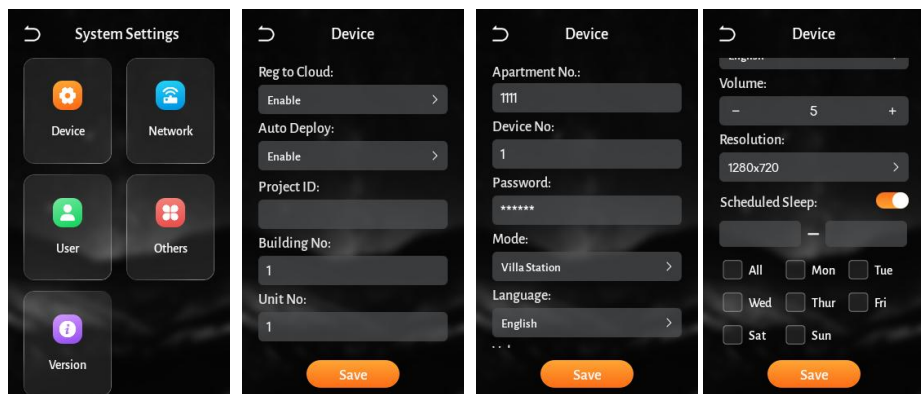
Connect Door Station and PC to a network switch in the same LAN. You can enter the admin settings of Door Station by pressing PIN and entering default password (123456#). This is where you can configure the device.



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 Device No. here is to distinguish different Door Stations when more than one Door Station in one building.

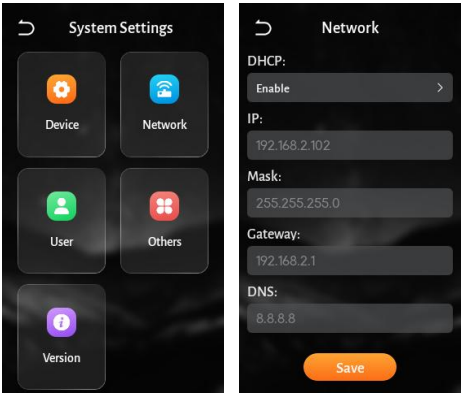


Reg to Cloud:	It is used to configure the device to register to the cloud server.
Auto Deploy:	It is used to configure whether the device is allowed to automatically connect to the cloud platform and obtain configuration.
Project ID:	It is used to configure the device to automatically connect to the specified site of the cloud platform.
Building No:	Number of the building (Building range: 1-999);
Unit No:	Number of the unit (Unit range: 1-99);
Apartment No:	Number of apartment (Range: 0-9899);
Device No.:	Number of the Index (Unit range: 1-9);
Password:	Administrator password of the Device (Default 123456);
Mode:	Mode for apt., wall or villa (Unit and Gate)
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);
Volume:	Volume of System can be set from 1 to 6;
Resolution:	4 resolutions supported (320 × 240, 640 × 480, 1280 × 720, 1920 × 1080);
Scheduled sleep:	When Scheduled Sleep is enabled, the device automatically enters sleep mode at the set time. Advertising and related promotional functions are disabled.

2. Network Settings

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

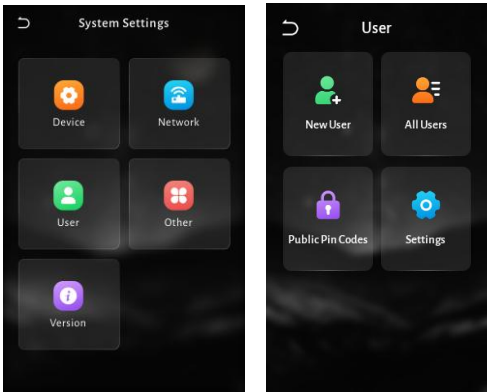


DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distributing network configuration parameters;
IP:	Configure Static IP address to manually distributing network configuration parameters;
Mask:	Subnet mask;

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

3. User

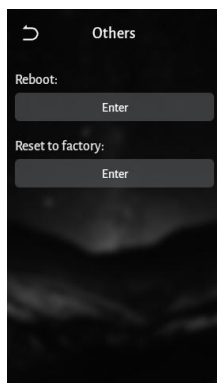
You can manage users on the User page.



New User:	You can create Users and relate it with face, card, PIN code here;
All Users:	All users will be shown here and you can edit or delete that;
Public PIN Codes,;	PIN code for the public;
Settings:	You can set Unlock Time, Unlock Delay, Face recognition, similarity and live detection.

4. Other

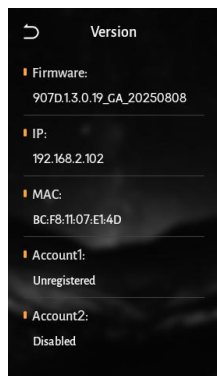
You can reboot and reset device in Other page.



Reboot:	Reboot the device;
Reset:	Reset to factory settings;

5. Version

You can find basic information displayed in Version page.



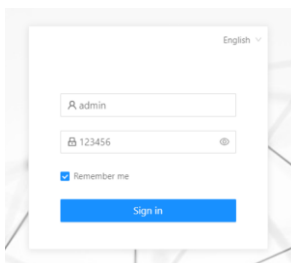
Firmware Version:	Firmware version of the device;
IP:	Current IP address of the device;
MAC:	MAC address of the device;
SIP:	Status of SIP registration of the device;

Account1:	SIP Account;
Account2:	SIP Account.

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.

DNake

EnglishHelpAdmin

General

Information

Basic

Time

Password

System

Intercom

Access

Advanced

Product

Model

5414

Firmware Version

9070.1.3.0.19_GA_20250808

MAC Address

BCF81107814D

Framework

2.0.0-20250717

UI

1.5.10 20250808

MCU

2.0.3

Network

DHCP

Enabled

IP Address

192.168.2.102

Mask

255.255.255.0

Gateway

192.168.2.1

DNS

8.8.8.8

Device Manager Server

Register To Cloud

Enabled (Unregistered)

Node

Default Node

SIP Account

Account1

None

Status

Unregistered

Account2

None

Status

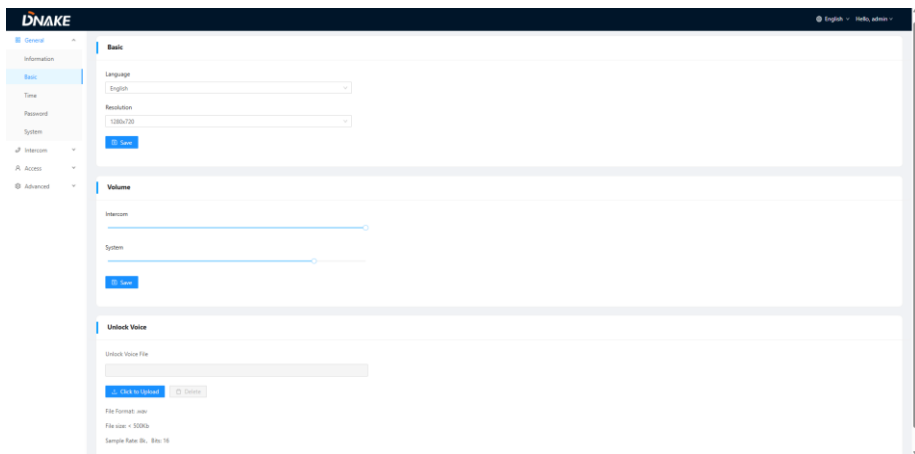
Disabled

Model:	Model of the device;
Firmware Version:	Firmware version of the device;
MAC Address:	MAC address of the device;
Framework:	Framework of the device;
UI:	UI of the device;
MCU:	MCU of the device;
DHCP:	Status of DHCP;
IP Address:	Current IP address of the device;
Mask:	Subnet mask of the device;
Gateway:	Gateway of the device;
DNS:	Domain Name Server of the device;
Register to Cloud:	Displays the current registration status (Registered / Not Registered).
Node:	Refers to the cloud node the device is connected to. The system currently supports the following cloud nodes: Europe, US and India.
Account1:	SIP Account;

Account2:	SIP Account;
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.



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);
Resolution:	4 resolutions supported (320 × 240, 640 × 480, 1280 × 720, 1920 × 1080);
Intercom:	Volume of Intercom can be set from 1 to 6;
System:	Volume of System can be set from 1 to 6;
Unlock Voice:	It is used to configure the voice played when the device is unlocked successfully.

1.3. General > Time

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

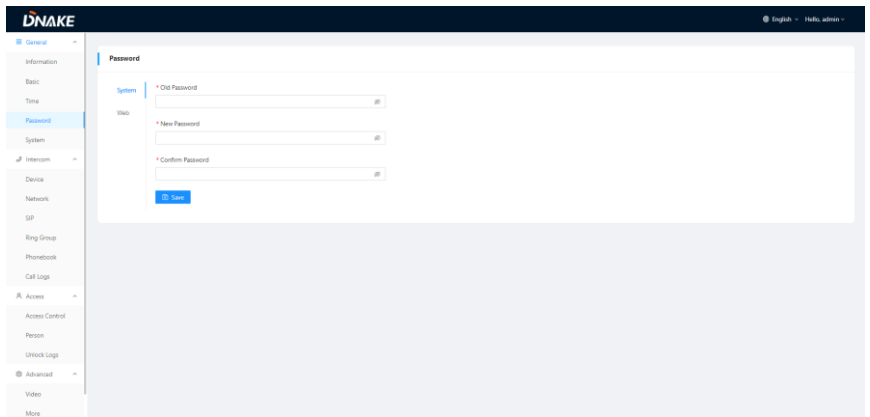
The screenshot shows the 'Dnake' web interface for configuring the device's time. The left sidebar has a 'General' tab selected. The main content area is titled 'Time' and contains several sections:

- Auto (Time):** A toggle switch that is currently turned on.
- Date&Time:** A section with a text input field for manual date and time setting.
- NTP URL:** A section with a text input field for the Network Time Protocol (NTP) URL.
- Time Zone:** A section with a dropdown menu for selecting the time zone.
- 12H/24H:** A section with a dropdown menu for selecting the time display format.
- Time Format:** A section with a dropdown menu for selecting the time format.
- Daylight-saving Time:** A section with a toggle switch and fields for Start Time, End Time, and Offset Time.

Auto (Time):	Enable to synchronize computer time;
Date&Time:	Date and time can be set manually;
NTP URL:	Network Time Protocol (NTP) is a protocol used to synchronize computer time;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Switch the time displays between 12H and 24H;
Time Format:	It is used to configure the display format of the device 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

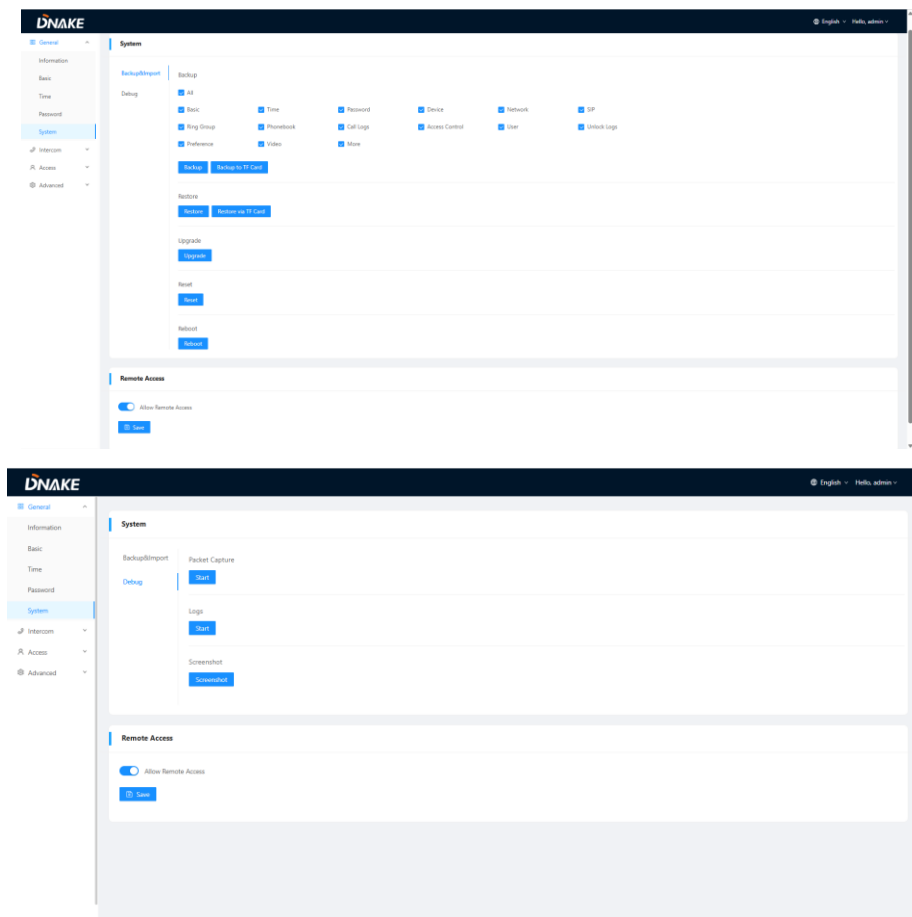
The System password is for the administrator to log in settings on the device while the Web password is for the administrator to log in settings on the web. The default password for both of them is 123456.



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 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:	Backup settings;
Backup to TF Card:	Back all datas to TF card;
Restore:	Restore settings;
Restore to TF Card:	Restore all datas to TF card
Upgrade:	Upgrade equipment;
Reset:	Reset to factory settings;
Reboot:	Reboot the device;
Packet Capture:	Capturing packets can help developers reproduce positioning problems;
Logs:	Device logs;
Screenshot:	Screenshot device interface;
Remote Access:	Remote access the device web via cloud.

2. Intercom

2.1. Intercom > Device

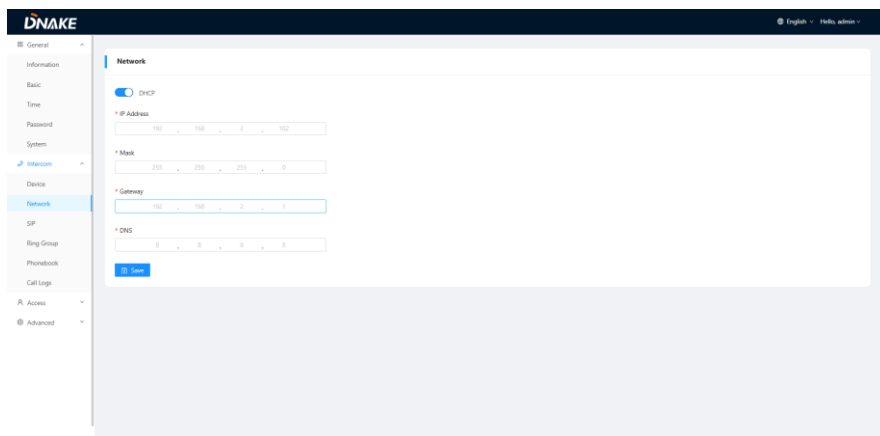
Numbers here are basic settings for making a call to Indoor Monitor. For Door Station, the building and unit number should be the same as those in Indoor Monitor. For Villa Station with one button, the building, unit, and room number should be the same as those in Indoor Monitor.

The Device No. here is to distinguish different Door Stations when more than one Door Station is in one building.

Register to Cloud:	It is used to configure the device to register to the cloud server;
Project ID:	It is used to configure the device to automatically connect to the specified site of the cloud platform;
Device Name:	The name of device;
Mode:	Gate station, Door station and Villa station;
Building No:	Number of the building (Range: 1-999);
Unit No:	Number of the unit (Range: 0-99);
Apartment No:	Number of the apartment(Range:0-9899);
Device No.:	Number of the device (Range: 1-9);

2.2. Intercom > Network

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



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.

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.

DNAKE English Help, admin

General Information Basic Time Password System Intercom Device Network SIP Ring Group Phonebook Call Logs Access Advanced

Account1

Status(via cloud service) : Unregistered

Account2

☐ Disabled

Display Name

Register Name

Username

Password

SIP Server Host * Port 5060

Outbound Proxy * Port 5060

* Registration Duration

DNAKE English Help, admin

General Information Basic Time Password System Intercom Device Network SIP Ring Group Phonebook Call Logs Access Advanced

SIP Server Host * Port 5060

Outbound Proxy * Port 5060

* Registration Duration 1800

* Transport Protocol UDP

☐ DNS SRV

Other

* Ring Code 100

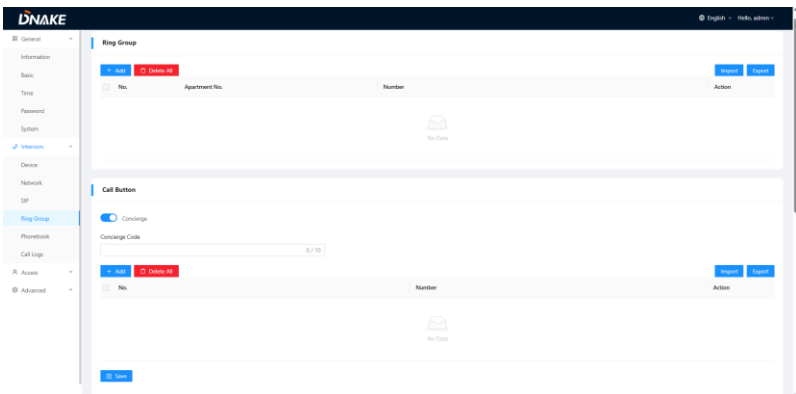
* Video Payload 102

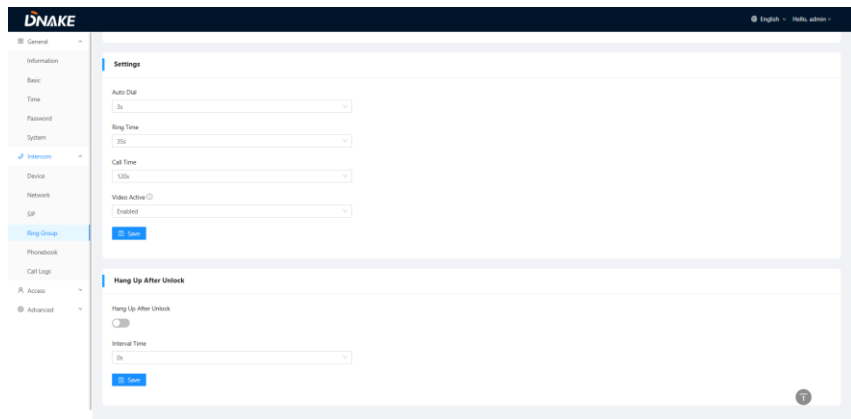
Account 1:	SIP Account;
Account 2:	SIP Account;
SIP:	Enable to use SIP;
Display Name:	Display name of SIP;
Register Name:	Register Name of SIP;
Username:	Username of SIP;
Password:	Password of SIP;

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:	Defines how long the device remains registered with the SIP server before it needs to re-register to stay connected;
Transfer Protocol:	Transfer Protocol (UDP, TCP, TLS);
DNS SRV:	Allows the device to locate SIP servers by service name rather than a specific IP address. It helps with load balancing and failover by providing multiple server addresses and priorities;
Ring Code:	180&183;
Video Payload:	Video payload range is 96-127;

2.4. Intercom > Ring Group

Ring group is for setting up SIP calls or call mode. Supports call to concierge and setting several call mode.



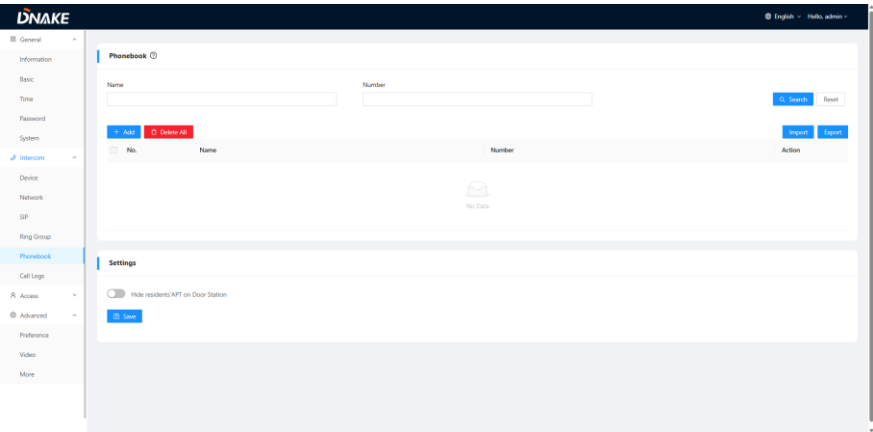


Ring Group:	A Ring Group is used to define a call forwarding rule by assigning a target SIP or IP address to a group. Each group includes a name and a number. The number represents the call destination, which can be an indoor monitor, SIP phone, or other SIP-compatible device.
Concierge:	Fill in the call destination for concierge button or the single button on the device; ● IP call: Fill in sip: IP address, e.g., sip:192.168.68.90; ● SIP call: Fill in sip: sip account @SIP server address: port, e.g., sip: 101@192.168.68.90:5060;
Concierge code:	Call to concierge via concierge code;
Auto Dial:	Automatically places a call after the number is entered and no further dial is made.

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;
Video Active:	It configures the video call feature for the device, If you disable, it will be make a audio call;
Hang Up After Unlock:	It will unlock the door automatically after hanging up the call;
Interval Time:	0-10s.

2.5. Intercom > Phonebook

All contacts on Door Station can be edited here. It can support 400 items at most.

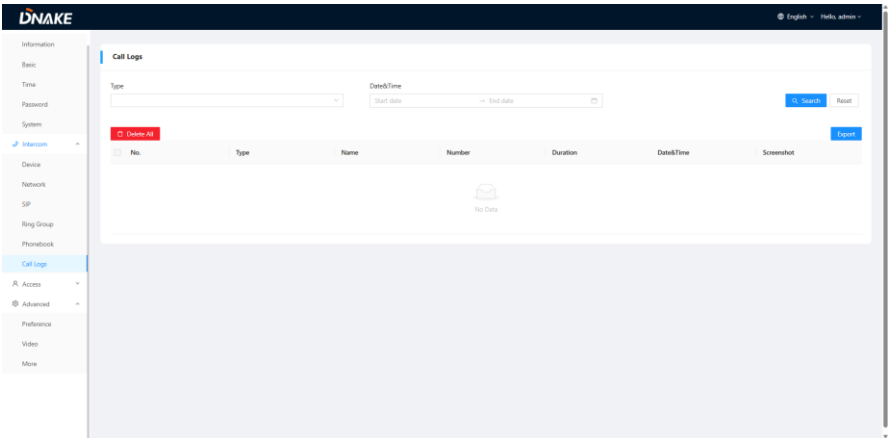


Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Delete All:	Delete all data on the chart;
Import:	Import all data to the chart;

Export:	Export all data on the chart;
Hide residents'APT on Door Station:	It will hide the resident apartment number of contact list on door station.

2.6. Intercom > Call Logs

It can support 500 call logs at most; If the logs are more than 500, the previous logs will be covered.



Call Logs:	The Call Logs can be enabled or disabled;
Type:	The type of Call Logs, including incoming and outgoing;
Date&Time:	The Call Logs will be filtered by the Date&Time you set;
Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

3. Access

3.1. Access > Access Control

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

The screenshot shows the 'Relay' configuration page in the Dnake web interface. The left sidebar contains a navigation menu with categories: Information, Basic, Time, Password, System, Intercom, Device, Network, SIP, Ring Group, Phonebook, Call Logs, Access, User, and Advanced. The 'Access' category is expanded, and 'Access Control' is selected. The main content area is titled 'Relay' and contains a table with columns: Relay, DTMP, Unlock Delay, Unlock Time, and Click to unlock. There are two rows for Relay1 and Relay2. Below the table, there are four sections for Dry Contact Input 1 through 4, each with a 'But Button' dropdown, a 'Relay' dropdown, and a 'Do Not Call' dropdown. A 'Save' button is at the bottom of the relay configuration section. Below the relay configuration is a 'Card' section with a 'Master Card' toggle and a 'Please change card reading mode to "Full Card No." first' message.

Relay	DTMP	Unlock Delay	Unlock Time	Click to unlock
Relay1	1	0s	1s	
Relay2	0	0s	1s	

Dry Contact Input 1
But Button: Relay1 Do Not Call

Dry Contact Input 2
But Button: Relay2 Do Not Call

Dry Contact Input 3
But Button: Relay1 Do Not Call

Dry Contact Input 4
But Button: Relay1 Do Not Call

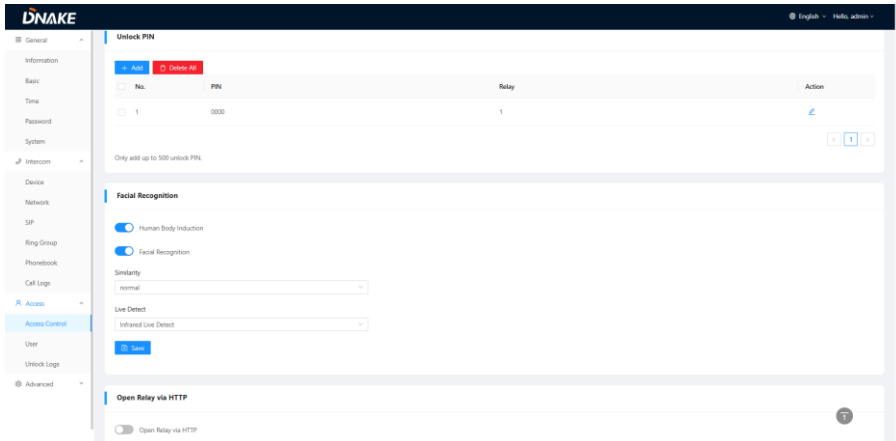
Save

Card
Master Card
Please change card reading mode to "Full Card No." first

The screenshot shows the 'Card' configuration page in the Dnake web interface. The left sidebar is the same as the previous screenshot. The main content area is titled 'Card' and contains a 'Master Card' toggle, a 'Swipe to arm/disarm' toggle, and a 'Card Reading Mode' dropdown set to 'Default Mode'. Below this is a 'Please change card reading mode to "Full Card No." first' message. The 'Card Reader Open Relay' section has checkboxes for 'Relay1' and 'Relay2'. A 'Save' button is at the bottom of the card configuration section. Below the card configuration is a 'Wiegand Settings' section with 'Wiegand Input Bits' and 'Wiegand Output Bits' dropdowns set to '26', and a 'Wiegand Open Relay' section with checkboxes for 'Relay1' and 'Relay2'. A 'Save' button is at the bottom of the Wiegand settings section.

Card
Master Card
Swipe to arm/disarm
Card Reading Mode: Default Mode
Please change card reading mode to "Full Card No." first
Card Reader Open Relay: Relay1 Relay2
Save

Wiegand Settings
Wiegand Input Bits: 26
Wiegand Output Bits: 26
Wiegand Open Relay: Relay1 Relay2
Save

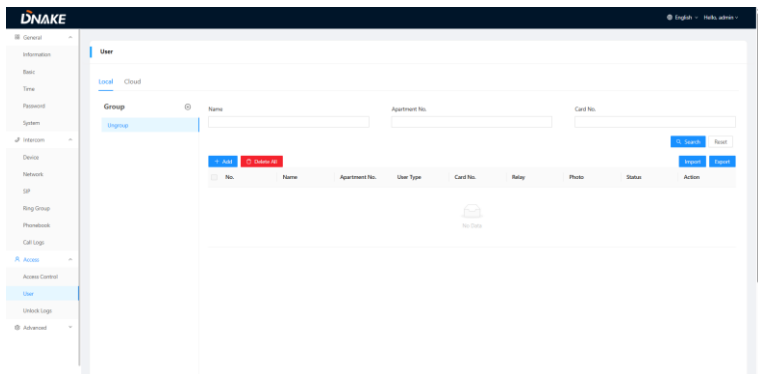


Relay 1-3:	3 relays supported;
DTMF:	Dual-tone multi-frequency signaling (Relay1: #, Relay2:0, relay3: *);
Unlock Delay:	The length of unlock delay time (1-9s);
Unlock Time:	The length of unlock time (1-9s);
Dry Contact Input 1-4:	3 modes of dry contact inputs are supported (Exit Button, Door Sensor, Fire Linkage);
Master Card:	Click read to add Master card to manage cards;
Swipe to arm/disarm:	Swipe the card to arm or disarm;
Card Reading Mode:	Compatible mode: read a specific card number in the card Full Card No. mode: read all card numbers in the card;
Mifare Card Encryption:	Enables encryption for MIFARE cards to enhance data security and prevent unauthorized duplication;
Card Reader Open Relay:	Enable the card reader open relay;

Wiegand Input Bits:	Specifies the bit length of Wiegand data received from an external card reader;
Wiegand Output Bits:	Specifies the bit length of Wiegand data sent to an external controller;
Wiegand Open Relay:	Enable the Wiegand Open Relay;
Unlock PIN:	The pin code for unlocking the door;
Human Body Induction:	Once you approach to Door Station, face scan will be enabled automatically;
Facial Recognition:	Enable to use face recognition;
Similarity:	Sensitivity of facial similarity analyzer (Low, normal, high);
Live Detect:	Sensitivity of live detect to prevent picture fraud or video fraud (Close and infrared live detect);
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.

3.2. Access > User

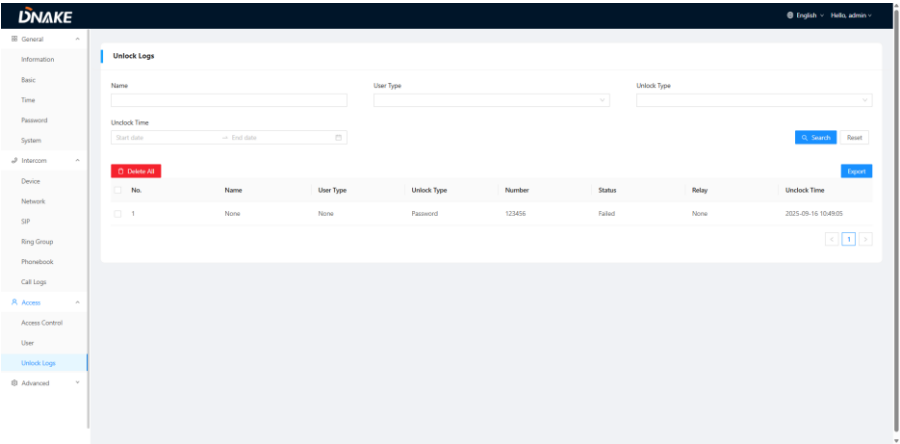
Person column is for access authorization. It can support 20,000 users at most.



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.

3.3. Access > Unlock Logs

It can support 500 unlock logs at most. If the logs are more than 500, the previous logs will be covered;



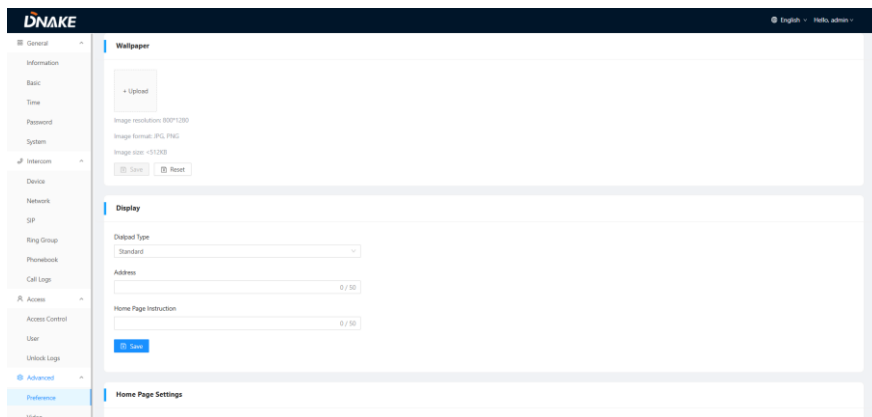
Name:	The name of the person you add;
User Type:	The Person Type you set on person column. Including None, Household and Visitors;
Unlock Type:	The type of Unlock Logs, including Card, Password, Intercom, Exit button, Face, APP and HTTP;

Date&Time:	The Unlock Logs will be filtered by the Date& Time you set;
Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

4. Advanced

4.1. Advanced > Preference

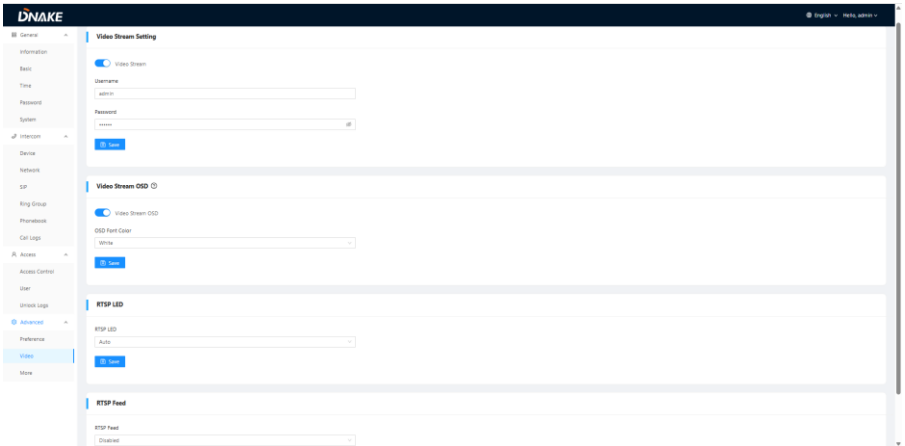
Allows customization of the device interface, including: Setting the wallpaper, adjusting the display order of icons, etc.



Wallpaper:	Upload a picture to apply it to the device UI. Please make sure the picture's resolution is the same as the device's and the size of the picture should be lower than 512KB. The format of Picture should be JPG or PNG;
Display Type:	Supports call to residents via apartment number or apartment with A/B/C/D letter;
Address:	Filling in your location on the homepage;
Home Page Instruction:	Enables a customized introduction on the home page.
Home Pages Settings:	Configure the home page by arranging the icon order and choosing which icons to display or hide.;

4.2. 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)



Video Stream:	Enables RTSP streaming, allowing the door station's video to be accessed by NVRs or other RTSP-compatible devices.
Username:	Username of RTSP stream;
Password:	Password of RTSP stream;
Video Stream OSD:	When enabled, real-time timestamps will be displayed on the surveillance screen.
OSD Font Color:	The color of font;
RTSP LED:	It is used to configure the LED settings when the device is used as a video surveillance device;

RTSP Feed:	4 IP cameras supported to switch while talking on Indoor Monitor;
URL:	1 camera' s URL.

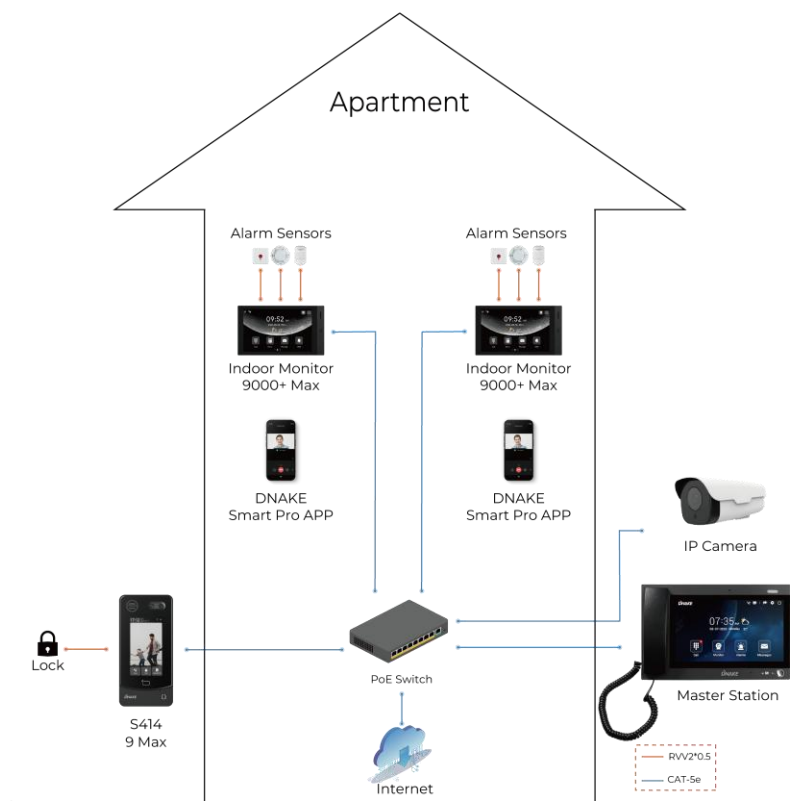
4.3. Advanced > More

More column is for Advertise, Tamper Alarm, Scheduled Sleep and ONU Penetration.

The image displays two screenshots of the D-NAKE web interface, specifically the 'Advanced' settings page. The interface has a dark blue header with the 'D-NAKE' logo and user information (English, Hello, admin). A left sidebar contains a menu with categories like Information, Basic, Time, Password, System, Intercom, Device, Network, SIP, Ring Group, Phonebook, Call Logs, Access, Access Control, User, Unlock Logs, and Advanced (selected). The main content area is divided into sections: 'Advertise', 'Tamper', 'Scheduled Sleep', and 'Other'. In the 'Advertise' section, there is a toggle for 'Advertise', a text input for 'URL', and a dropdown for 'Time (minutes)' set to '10', with a 'Save' button. The 'Tamper' section has a toggle for 'Tamper Alarm' and a 'Save' button. The 'Scheduled Sleep' section shows a toggle for 'Scheduled Sleep', a time range selector from '11:50' to '12:00', and checkboxes for days of the week (Mon, Tue, Wed, Thur, Fri, Sat, Sun), with 'Tue' selected. The 'Other' section has a toggle for 'ONU Penetration' and a 'Save' button. A 'Save' button is also visible at the top of the 'Scheduled Sleep' section in the bottom screenshot.

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 Alarm:	Enable to use Tamper alarm;
Scheduled Sleep:	User can set the schedule to make the device screen keep off;
ONU Penetration:	Enable to prevent ONU from banning multicast.

SYSTEM DIAGRAM



DEVICE WIRING



Network
(PoE)



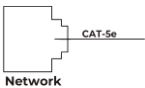
TF CARD

+12V	WD1
GND	WD0
INPUT1	5V_OUT
INPUT2	GND
INPUT3	NC1
INPUT4	COM1
485-	NO1
485+	NC2
GND	COM2
12V_OUT	NO2

1. Network (PoE)

Standard RJ45 interface is for the connection with PoE switch or other network switch.

PSE of power supply equipment shall comply with IEEE 802.3af, with output power not less than 30W and output voltage not less than SOV.



2. TF card

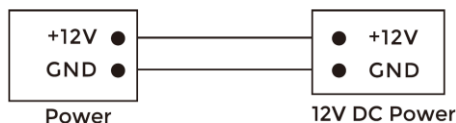
Supports importing and exporting device backup files, as well as storing snapshots captured during calls.



TF CARD

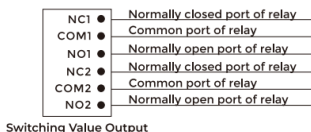
3. Power

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



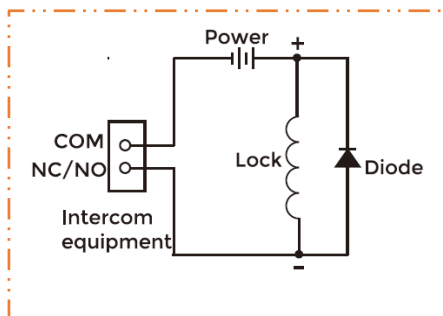
4. Switching Value Output

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



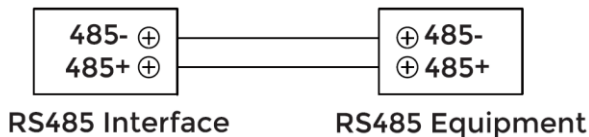
⚠ Warning!

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.

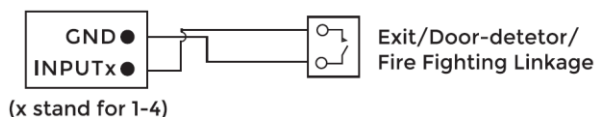


5.RS485

Enable to connect equipment with RS485 interface.

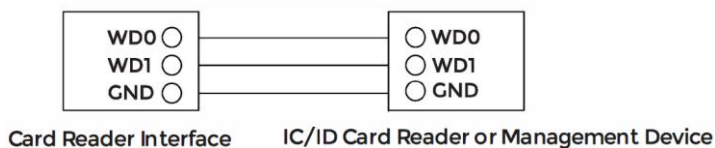


6. Exit / Door-detector / Fire Fighting Linkage



7. Card Reader Interface

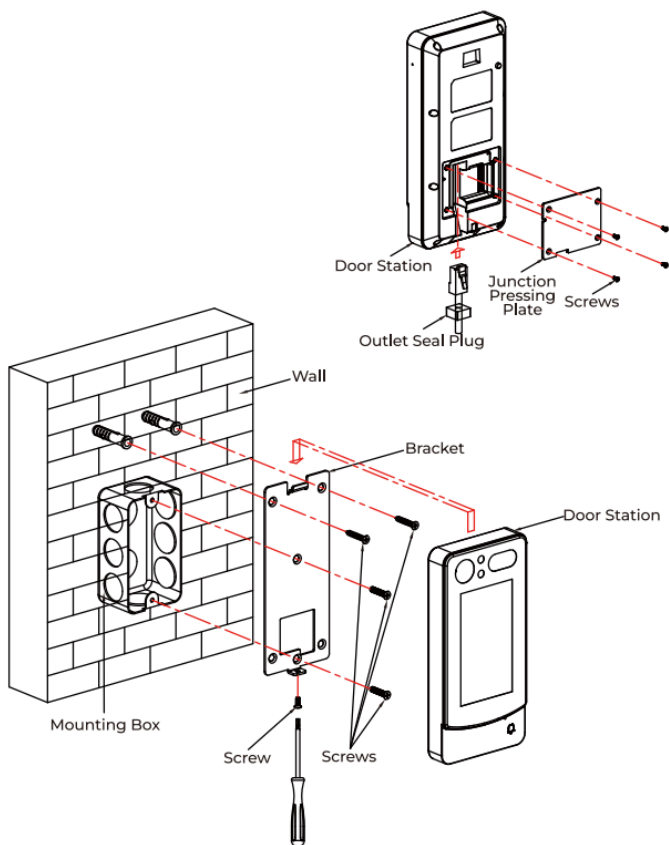
The interface can be connected to one IC/ID card reader or be used for reading the information of built-in card reader.



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

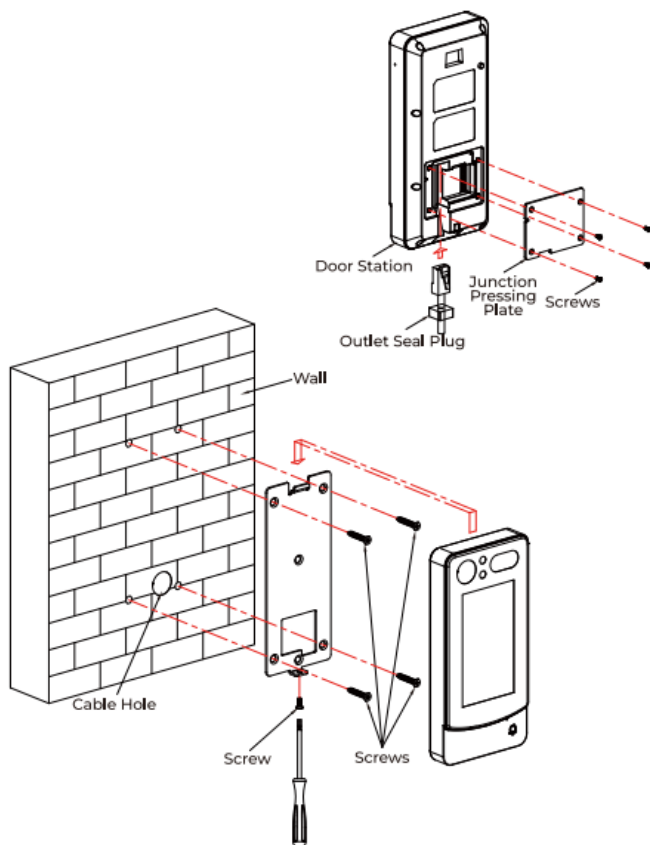
INSTALLATION

Surface Mounting-86 Mounting Box

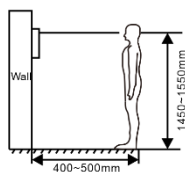


Product size: 85 × 169 × 29.5mm
Maximum product size: 85 × 169 × 31 mm

MODEL: S414 (Surface Mounting-Round Mounting Box)



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 flopover 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.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF exposure statement

This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

**EASY & SMART
INTERCOM SOLUTIONS**