



User Manual

DNAKE S617

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.

CATALOG

REMARK	1
PRODUCT FEATURE	1
TECHNICAL PARAMETER	1
PACKAGE CONTENT	2
OVERVIEW	3
SYSTEM DIAGRAM	4
INSTALLATION	5
BASIC OPERATION	17
DEVICE SETTING	18
WEB SETTING	22
DEVICE WIRING	45
TROUBLESHOOTING	48
SAFETY INSTRUCTION	50

PRODUCT FEATURE

1. 8-inch IPS LCD capacitive touch screen
2. 3 output relays for door locks
3. 120° wide-angle 2MP HD camera with automatic lighting
4. Support WDR technology to lighten the dark areas and darken the overexposed parts of the image
5. Unlock methods: Face recognition, IC/ID card, PIN code, Bluetooth
6. Tamper alarm

TECHNICAL PARAMETER

Power Supply: PoE+ (802.3at) or DC 12V/3A

Standby Power: 8 W

Rated Power: 16 W

Resolution: 1280 x 800

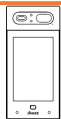
Working Temperature: -40°C to +55°C

Storage Temperature: -40°C to +70°C

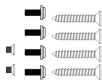
Working Humidity: 10% to 90% (non-condensing)

PACKAGE CONTENT

MODEL: S617 (Surface Mounting-Optional)



S617



Screw



Screw Fixing Seat



Wrench Screw



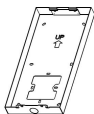
Interface Plate



Cable Locking Plate



Hang Rope



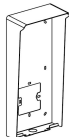
Surface Box (SMX07)



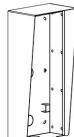
Sealing Plug



Quick Start Guide

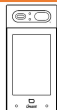


RH05 (Optional)

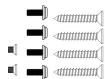


RH15 (Optional)

MODEL: S617 (Flush Mounting)



S617



Screw



Screw Fixing Seat



Wrench Screw



Interface Plate



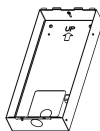
Cable Locking Plate



Hang Rope



Sealing Plug



Flush Box (FMX07 or FMX09)

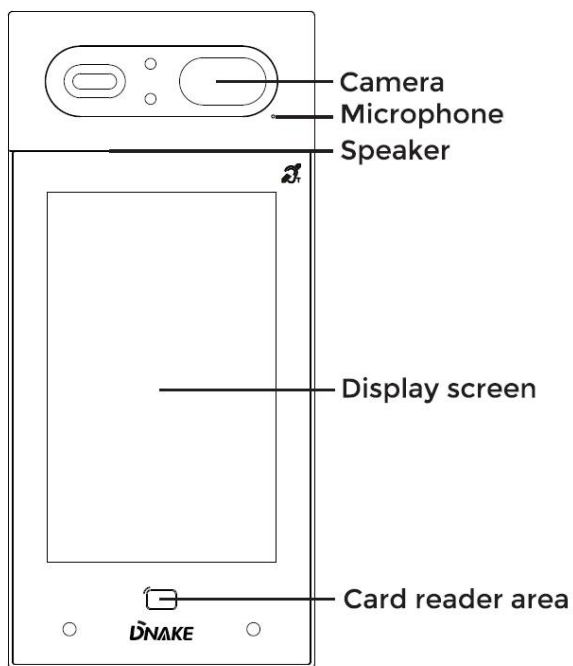


Quick Start Guide

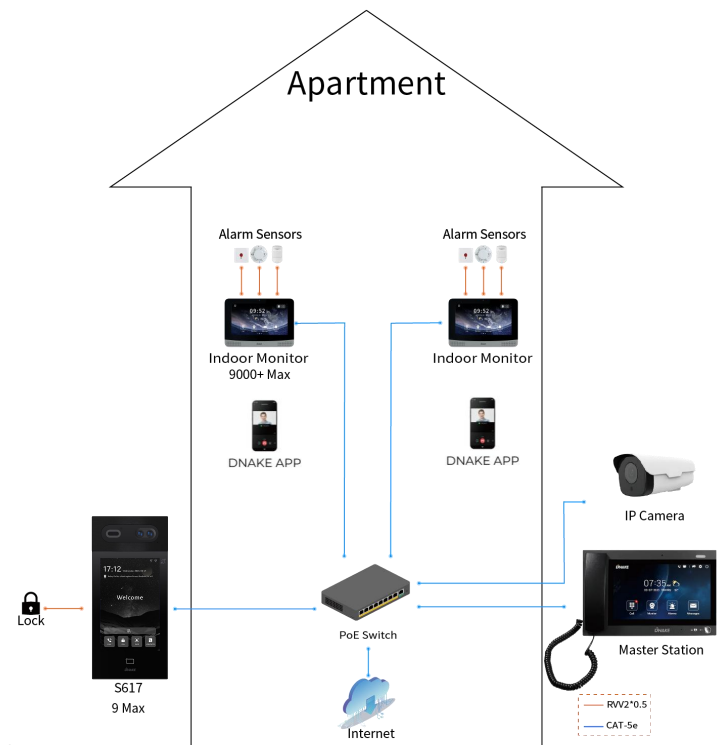


RH06 (Optional)

OVERVIEW



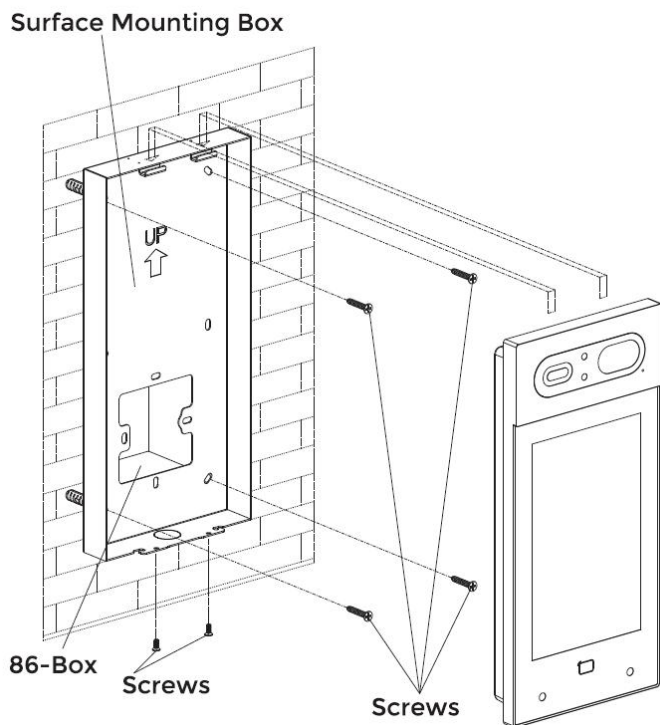
SYSTEM DIAGRAM



INSTALLATION

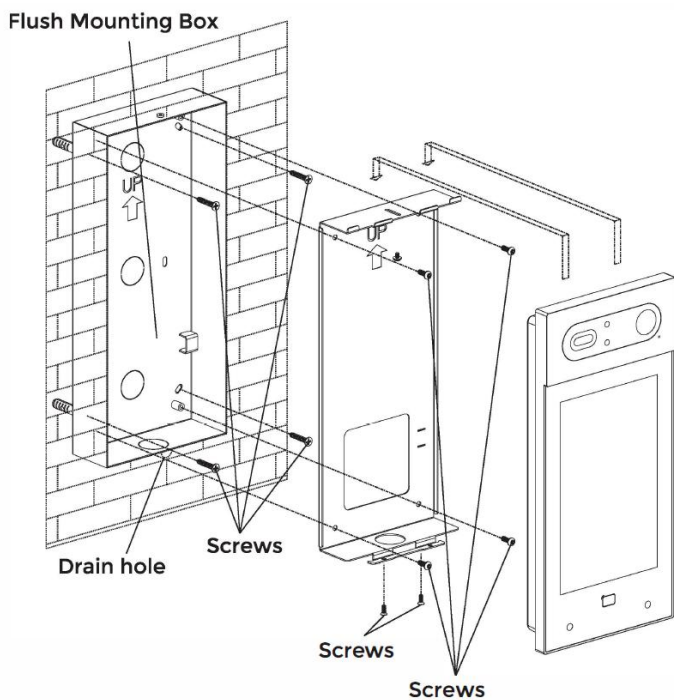
Surface Mounting with Surface Box SMX07

Silicone seal is required around the surface housing to waterproof the back (cables and connections)



Product size: 140 × 300 × 37.8 mm
Surface Mounting size: 140 × 300 × 41.8 mm

Flush Mounting with FMX07



Product size: 140 × 300 × 37.8 mm
Flush Mounting size: 140 × 300 × 60.3 mm
Mounting hole size: 134 × 296 × 46 mm

Step1: Determine the installation height of the door station on the wall.

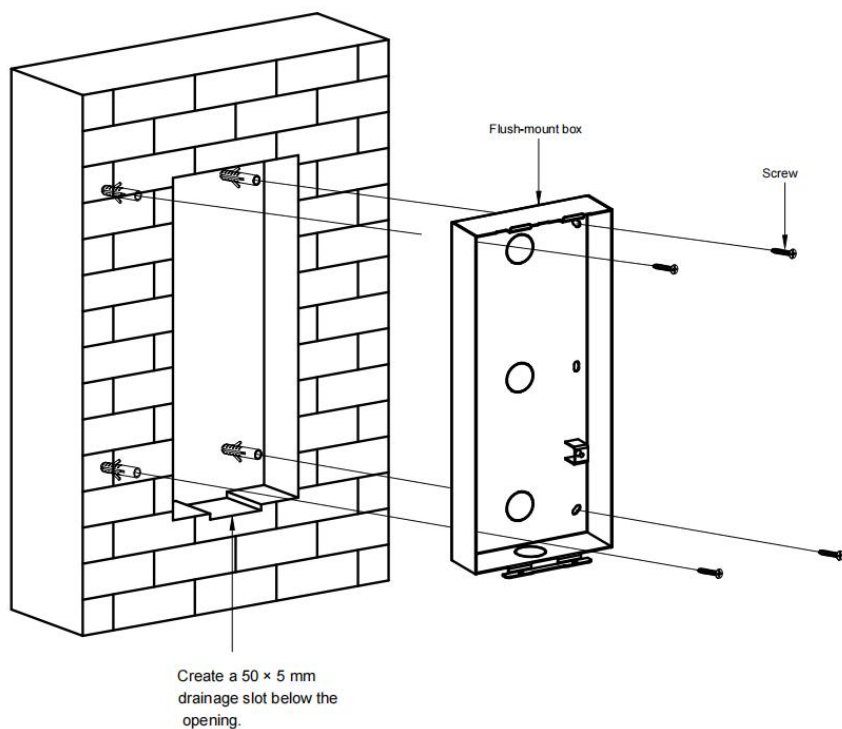
Technical drawing of a rectangular plate with the following dimensions and features:

- Overall width: 128
- Overall height: 290
- Internal vertical spacing: 110 (between the top and middle holes), 110 (between the middle and bottom holes).
- Bottom edge features: A 35mm wide section on the left, a central section with a width of > 5 , and a 50mm wide section on the right.
- Holes: Three circular holes are located along the vertical centerline. The top and bottom holes are shaded with diagonal lines, while the middle hole is unshaded.
- Mounting points: Four circular mounting points are located at the corners of the plate.

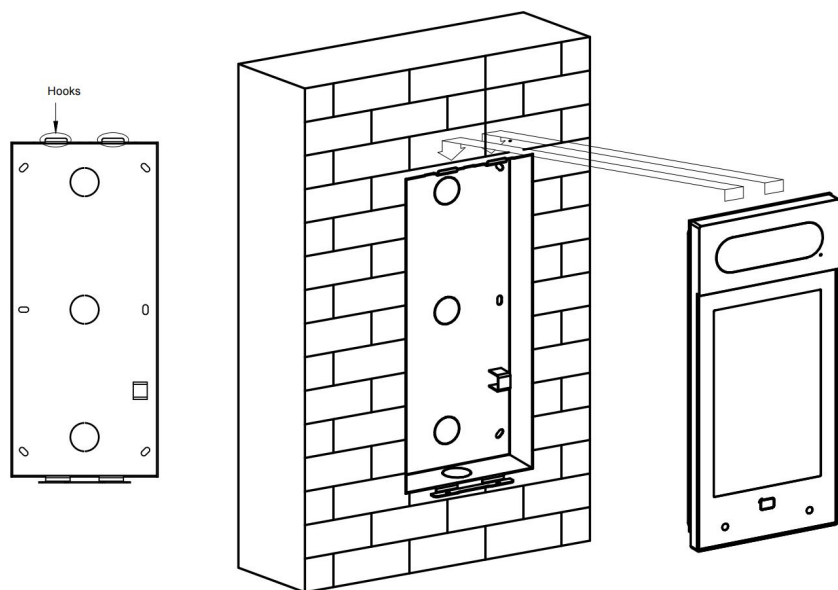
A diagram of a rectangular box with a width of 40 units. The box is oriented vertically, and a dimension line with arrows at both ends indicates the width is 40.

7

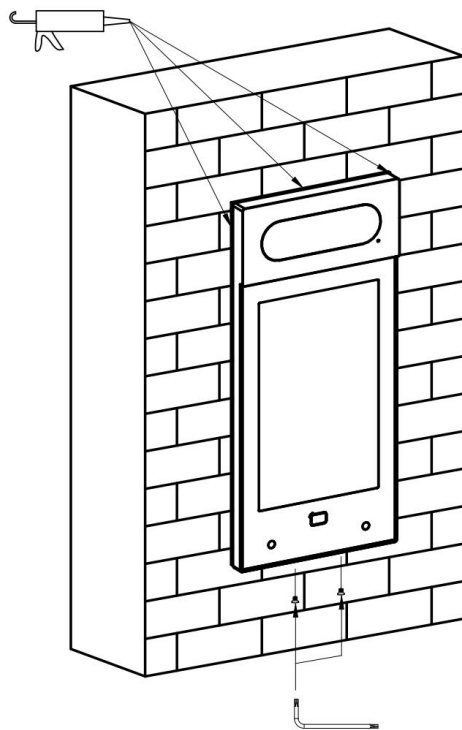
Step2: Use the four supplied screws to fix the flush-mount box to the wall.



Step3: Align the two slots on the top of the device with the two hooks on the flush-mount box, then hang the device onto the hooks.

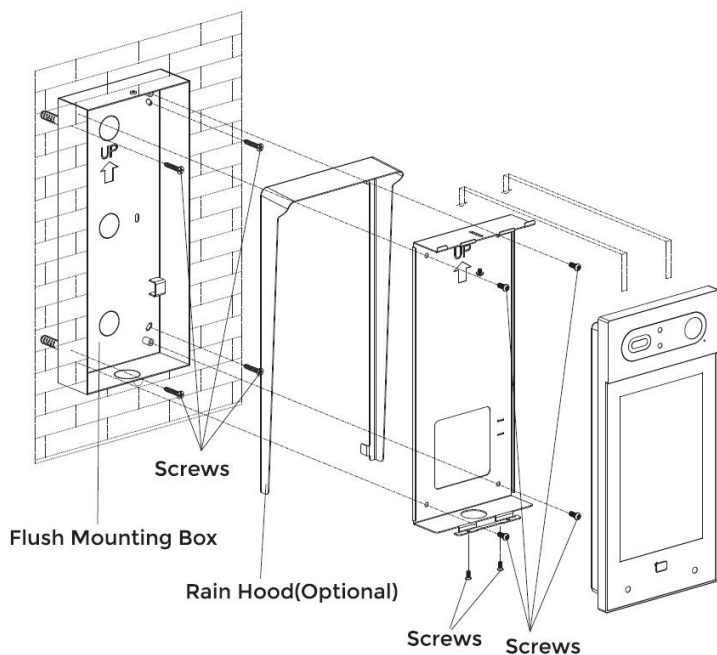


Step4:Use the supplied wrench to tighten the two countersunk screws at the bottom of the device and secure it to the flush-mount box. Apply silicone sealant along the top and both sides where the device meets the wall to ensure proper edge sealing.



Product size: 140 × 300 × 37.8 mm
Flush Mounting size: 140 × 300 × 60.3 mm
Mounting hole size: 128 × 290 × 40 mm

Flush Mounting with FMX07 & RH06 (Optional)



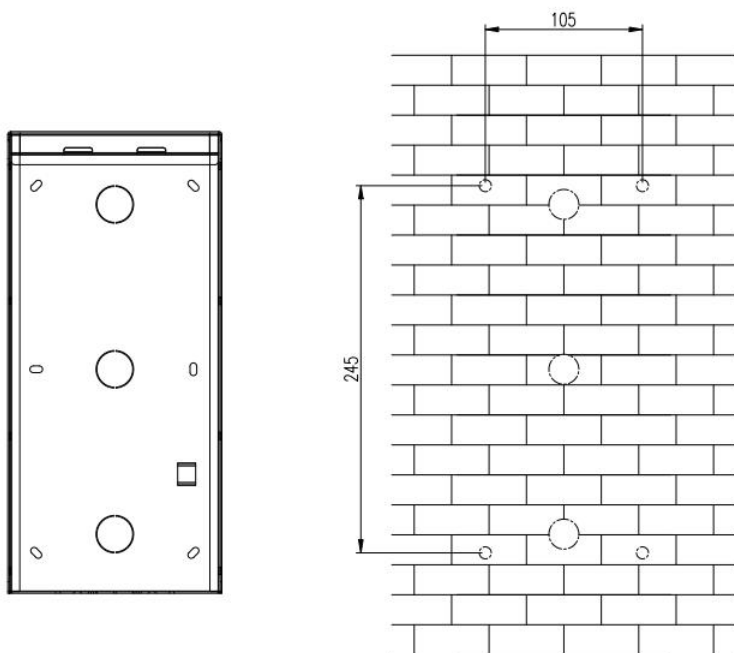
Product size: 140 × 300 × 39.8 mm
Flush Mounting product size: 145 × 311.5 × 88 mm
Hole-cutting size: 134 × 296 × 46 mm

Surface Mounting with RH15 (Optional)

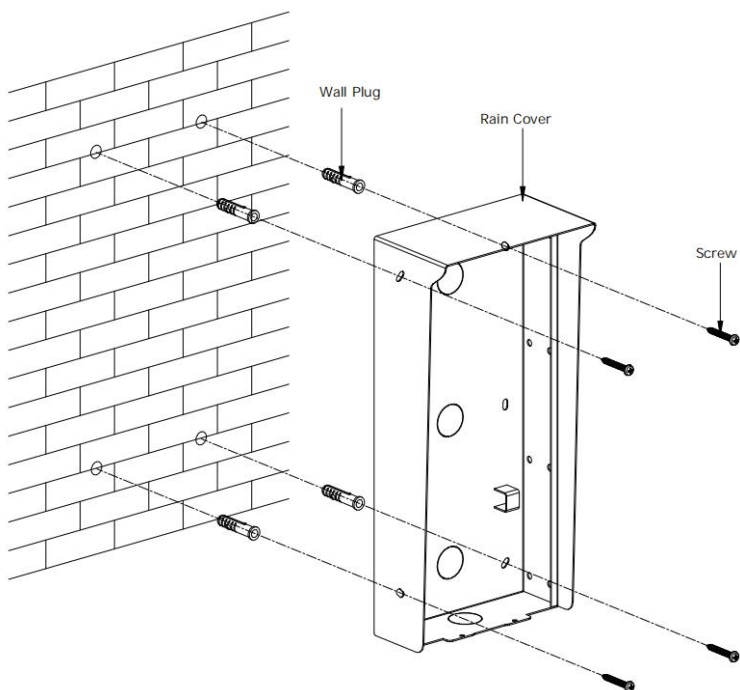
Silicone seal is required around the surface housing to waterproof the back (cables and connections)

Step1 : Align one of the three knock-out holes on the rain cover with the cable outlet on the wall (choose the hole based on the installation height).

Mark the positions of the four mounting screw holes on the wall according to the upper and lower screw points of the rain cover.

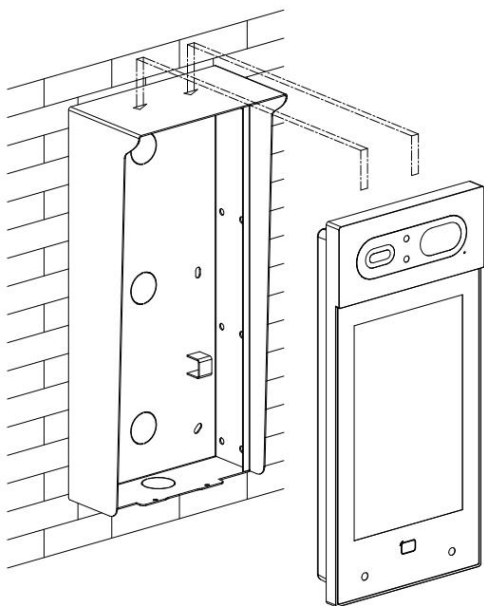
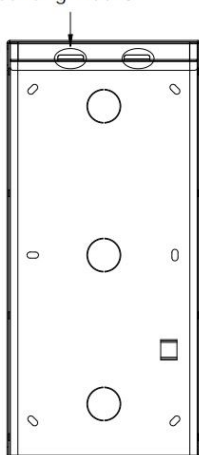


Step2: Secure the rain cover to the wall using the screws and wall plugs.

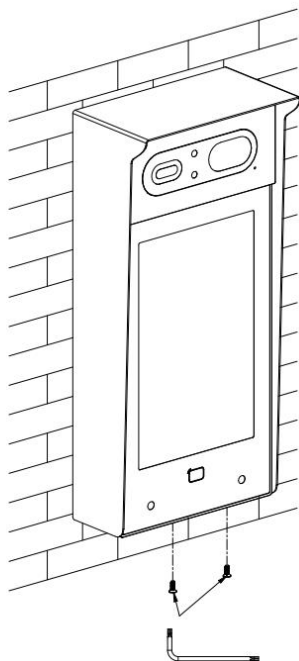


Step3: Align the two slots on the top of the device with the two hooks on the rain cover, then hang the device onto the hooks.

Mounting Hooks



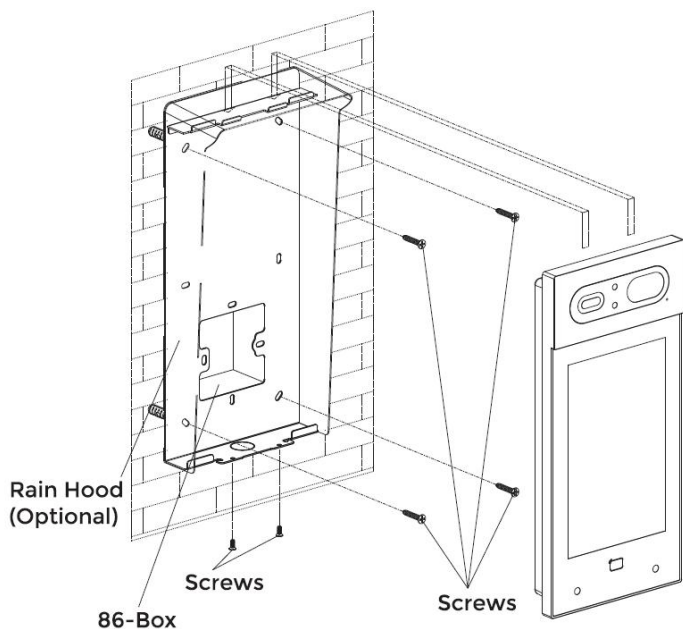
Step4: Use the supplied hex screwdriver to tighten the two countersunk screws and secure the device to the rain cover.



Product size: 140 × 300 × 37.8 mm
Surface Mounting size: 145 × 308.1 × 80.92 mm

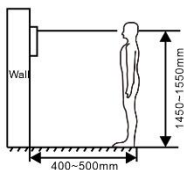
Surface Mounting with RH05(Optional)

Silicone seal is required around the surface housing to waterproof the back (cables and connections)



Product size: 140 × 300 × 39.8 mm
Surface Mounting Product size: 145 × 311 × 88 mm

Tips:



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

BASIC OPERATION

1. Call and Monitor

1.1. Call Indoor Monitor

Press CALL, and press apartment number on Door Station to call Indoor Monitor. To end it, press the hang up icon on Door Station 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

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

2. Contacts

Press CONTACTS to dial by selecting names from this list.

3. Unlock

Press PIN and press PIN Code and lock icon to unlock.

4. Concierge

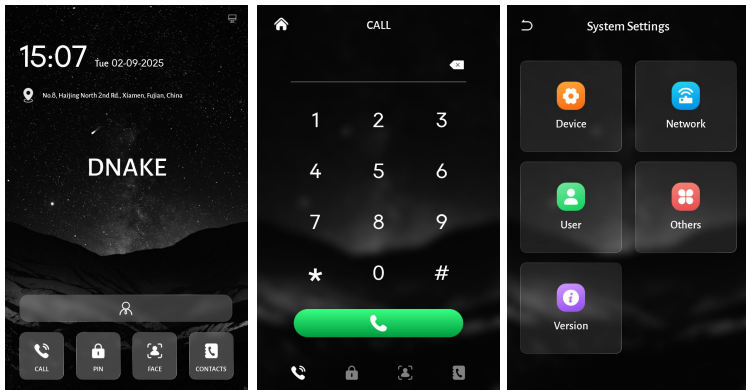
On homepage, press concierge button in the center to call Master Station.

5. Facial Recognition

Press FACE to wake up face scan. Facial recognition should be enabled beforehand.

DEVICE SETTING

Connect Door Station to PoE switch. To enter admin page, press PIN and entering default password (123456#).



1. Device Settings

1. Building No. (1-999) / Unit No. (0-99)

Building No. is the number of the building in which the device is installed.
Unit No. is referring to Riser No. Or Stair No. Of a building.

2. Device No. (1-9)

If lots of same-mode devices installed in the same site, and they share the same settings such as building, unit or apartment numbers, Device No. should be set to different numbers to distinguish.

3. System pwd

System password is for device's screen. Default password is 123456.

4. Mode

Door Station: It is for apartment building. Users can dial by pressing apartment numbers;

Villa Station: It is for villa or single family. Apartment number is required to fill in. Users can press one button or bell button to make a direct call.

Gate Station: It is for calling residents who are living in different buildings but in the same site.

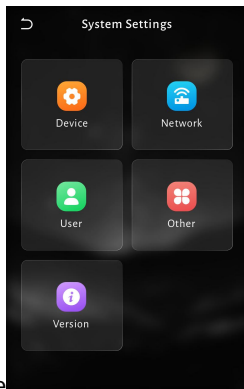
5. Language

16 languages supported (简体中文, English, 繁體中文, , Deutsch, Español, Türk, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský).

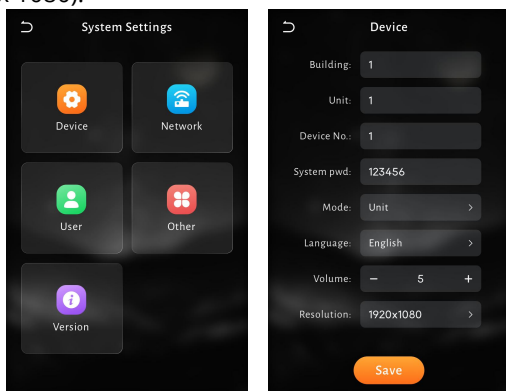
6. Volume

It refers to volume of calls. It can be set from 1 to 6.

7. Resolution

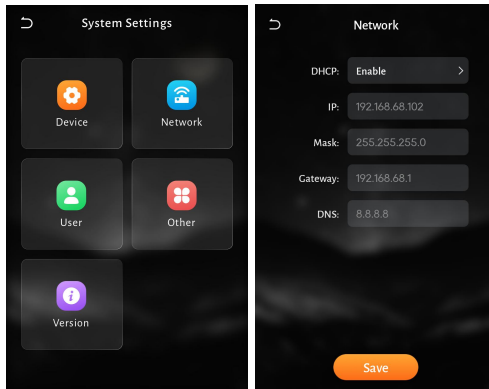


4 resolutions supported (320 × 240, 640 × 480, 1280 × 720, 1920 × 1080).



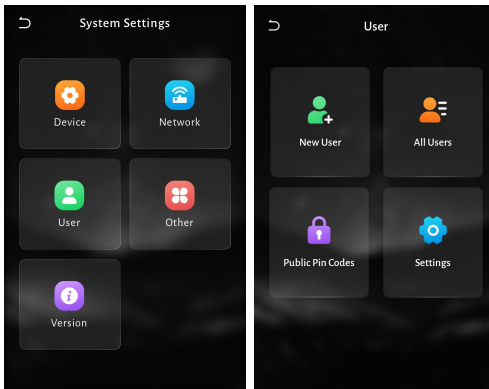
2. Network Settings

Network can be set to either DHCP or a static IP address.



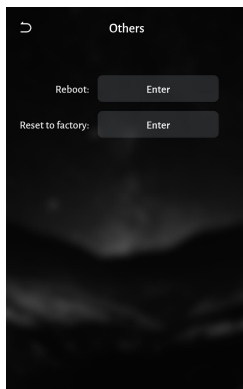
3. User

Users can be created and access settings can be configured here.



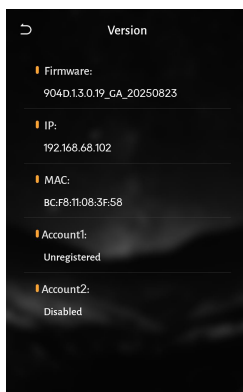
4. Other

Reboot or reset device to factory default.



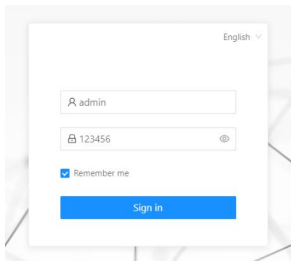
5. Version

Some basic information are displayed here including firmware version, current IP address, MAC address, 1st SIP status and 2nd SIP status.



WEB SETTING

Connect device and PC to the same LAN. Device's IP address can be found on device's screen or obtained by DNAKE Remote Upgrade Tool. Enter the device's IP address in browser and log in with the default account (admin) and password (123456).



6. General > Information

6.1. Product

Model, Firmware version, MAC Address, Framework, UI and MCU version are displayed here.

6.2. Network

It presents the device's current network.

6.3. Device Manager Server

It presents the device's registration status and Node connection on DNAKE Cloud Platform.

6.4. SIP Account

Account 1 and 1st status are for DNAKE Cloud Platform while Account 2 and 2nd status are for 3rd party SIP server.

DINAKE

EnglishHelpAdmin

General

Information

Basic

Time

Password

System

Information

Device

Network

SIP

Ring Group

Phonebook

Call Logs

Access

Access Control

User

Unlock Logo

Advanced

Preference

Video

More

Product

Model5617

Firmware Version904D.1.3.0.19_GA_20250823

MAC AddressBCF8110B3F58

Firmware2.6.0 20250812

U-Boot15.10 20250823

MCU2.6.0

Network

DHCPEnabled

IP Address192.168.68.102

Mask255.255.255.0

Gateway192.168.68.1

DHCP8.8.8.8

Device Manager Server

Register To Cloud

Enabled (Unregistered)

NodeDefault Node

SIP Account

Account1None

StatusUnregistered

Account2None

StatusDisabled

7. General > Basic

7.1. Basic

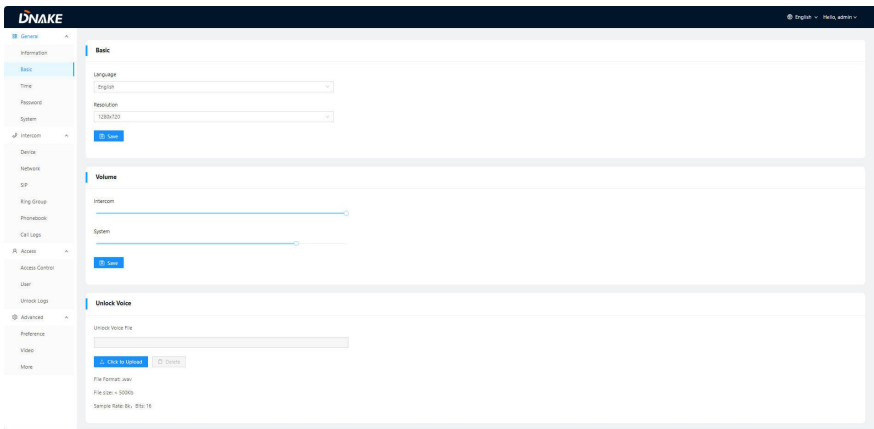
- 16 languages supported (简体中文, English, 繁體中文, , Deutsch, Español, Türk, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský).
- 4 resolutions supported (320 × 240, 640 × 480, 1280 × 720, 1920 × 1080).

7.2. Volume

- Intercom refers to volume of calls. It can be set from 1 to 6.
- System refers to volume of ringer, keytone, notifications. It can be set from 1 to 6.

7.3. Unlock Voice

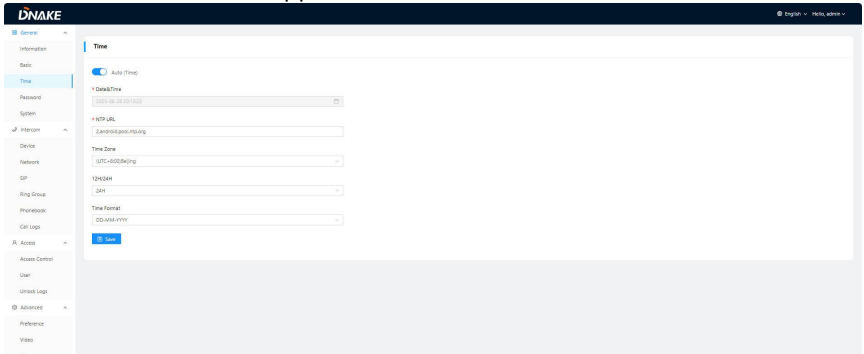
Upload the required voice file to change the unlock notification sound. File format should be Wav. File size should be smaller than 500kb. Sample rate should be 8k and bits should be 16.



8. General > Time

8.1. Time

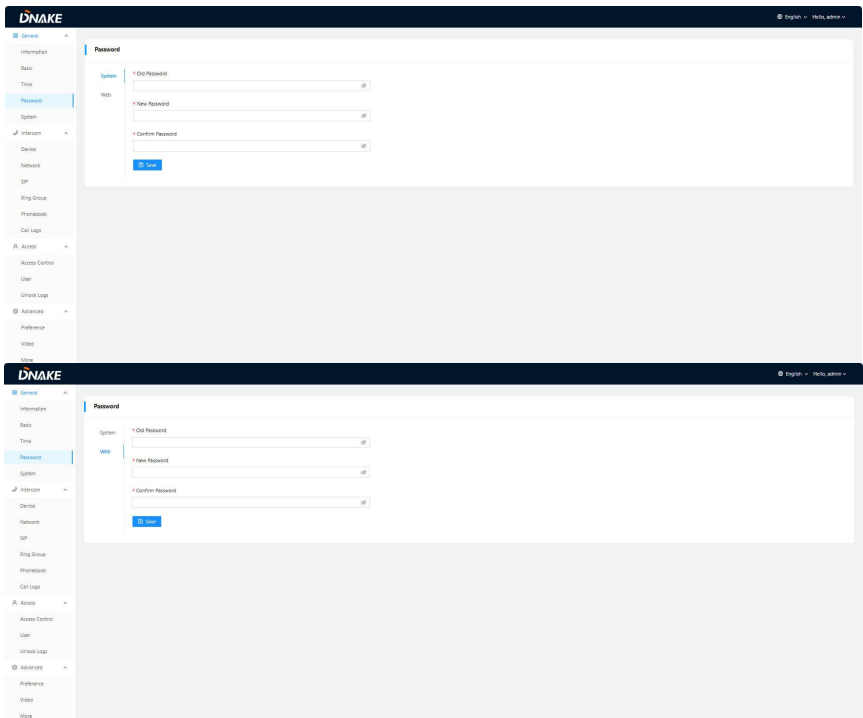
1. Enable Auto (Time) to synchronize computer time or disable to set Date&Time to set manually. If Auto (Time) is enabled, Network Time Protocol (NTP) should be filled in correctly to synchronize computer time and Time Zone should be chosen according to the region.
2. 12H or 24H can be set to display the time on the device.
3. 3 time formats are supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY).



9. General > Password

9.1. Password

1. The default password for both of is 123456.
2. System password is for device's screen while Web password is for admin's web.



10. General > System

10.1. Backup&Import

1. Backup & Restore

Some necessary settings can be chosen to backup and restore to the same model.

2. Upgrade

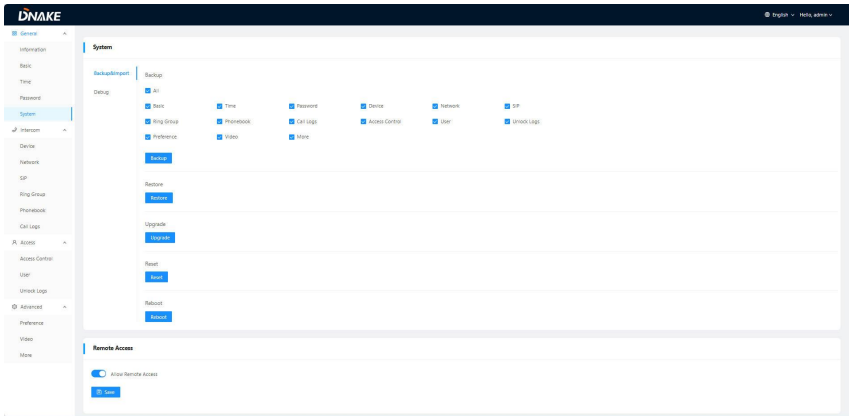
Firmware can be uploaded via web to upgrade device.

3. Reset

Click to reset to factory default.

4. Reboot

Click to reboot device.



10.2. Debug

1. Packet Capture and Logs

The steps to capture packet and logs:

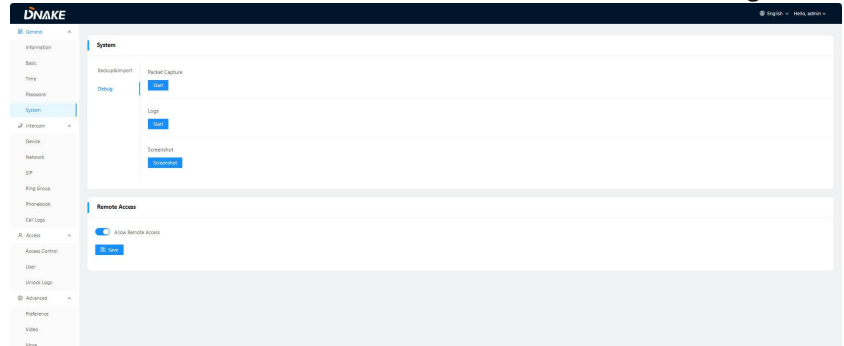
Step 1: Start packet and logs capture;

Step 2: Perform the operation to troubleshoot device problem;

Step 3: Stop packet and logs capture and send them to technical support team.

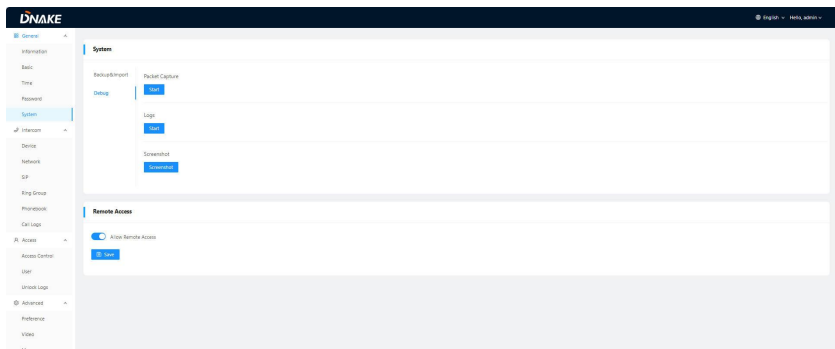
2. Screenshot

Click on Screenshot to take a screenshot of the screen's current image.



10.3. Remote Access

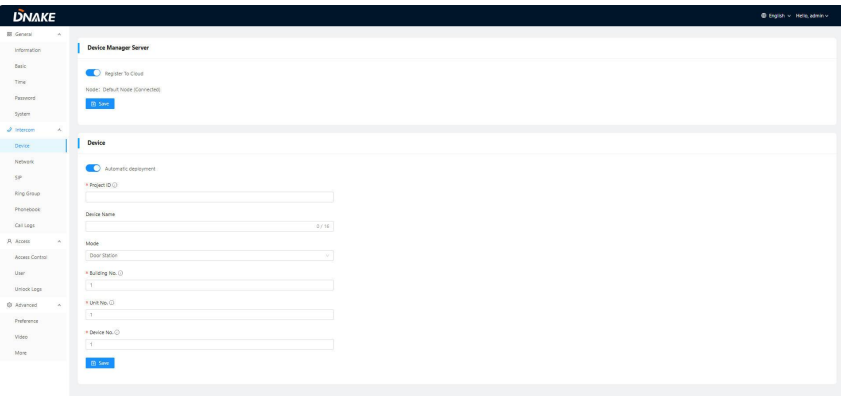
Enable this to allow cloud remote access to the web to configure.



11. Intercom > Device

11.1. Device Manager Server

Enable this to register to DNAKE cloud platform and check Node connection information and status.



11.2. Device

1. Automatic deployment

If Automatic deployment is enabled and Project/Site ID is filled in according to site ID on DNAKE Cloud Platform, this device would be connected with your installer account. All the rest settings like building, unit numbers can be changed on the cloud remotely. To change building, unit numbers manually, automatic deployment should be disabled.

2. Device Name

Device Name is for display on cloud, Indoor Monitor or APP.

3. Mode:

Door Station: It is for apartment building. Users can dial by pressing apartment numbers;

Villa Station: It is for villa or single family. Apartment number is required to fill in. Users can press one button or bell button to make a direct call.

Gate Station: It is for calling residents who are living in different buildings but in the same site.

4. Building No. (1-999) / Unit No. (0-99)

Building No. is the number of the building in which the device is installed. Unit is referring to Riser No. Or Stair No. Of a building.

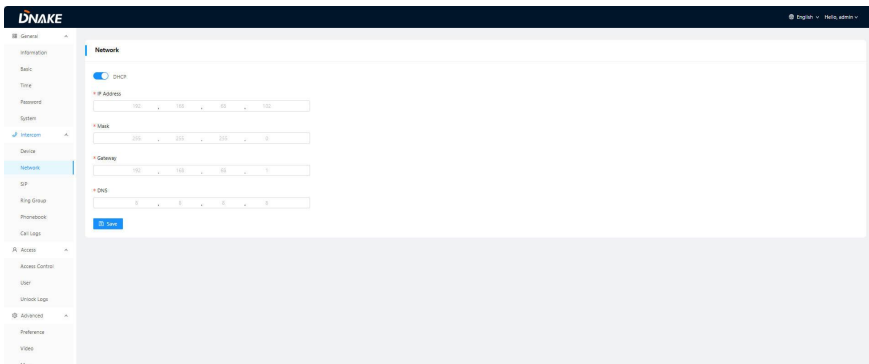
5. Device No. (1-9)

If lots of same-mode devices installed in the same site, and they share the same settings such as building, unit or apartment numbers, Device No. should be set to different numbers to distinguish.

The screenshot displays the Dnake Device Manager Server web interface. On the left is a sidebar with a navigation menu containing 'Information', 'Basic', 'Time', 'Password', 'System', 'Intercom', 'Device', 'Network', 'SP', 'Ring Group', 'Phonebook', 'Call Logs', 'Access', 'Access Control', 'User', 'Unlink Logs', 'Advanced', 'Preference', 'Video', and 'More'. The main content area is titled 'Device Manager Server' and includes a 'Register To Cloud' toggle (currently off), a 'Nodes: Default Node (Connected)' indicator, and a 'Go' button. Below this is the 'Device' configuration section, which features a 'Automatic development' toggle (on), a 'Device Name' input field, a 'Mode' dropdown menu (set to 'Door Station'), and three input fields for 'Building No.', 'Unit No.', and 'Device No.', each with a '+' icon for expansion. A 'Save' button is located at the bottom of the configuration fields.

12. Intercom > Network

Network can be set to either DHCP or static. IP address here is not current IP address but static IP. Current IP address is in the information page.



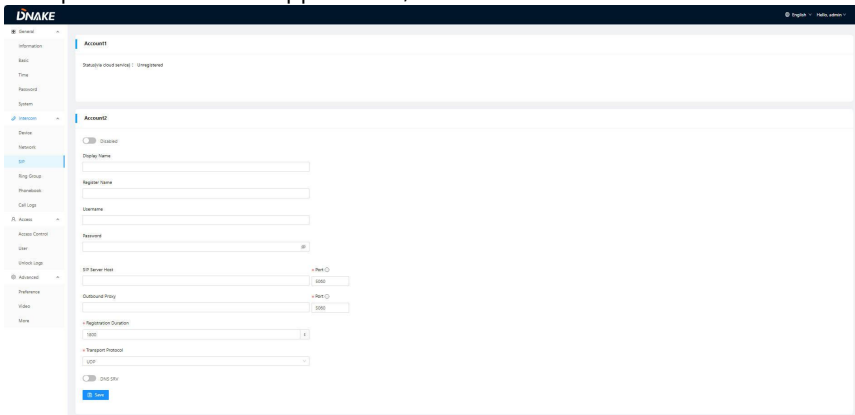
13. Intercom > SIP

13.1.Account 1

The 1st SIP account is for registering to Dnake Cloud Platform.

13.2.Account 2

Transport Protocol can support UDP, TCP or TLS.



13.3.Other

Ring code can be 180 or 183. Video payload range is from 96 to 127.

DNAKE English Help, admin

General

- Information
- Basic
- Time
- Password
- System
- Intercom**
- Device
- Network
- SIP**
- Ring Group
- Phonebook
- Call Logs
- Access
- Access Control
- User
- Unlock Logs
- Advanced
- Preference
- Video
- More

Basic

Password

SIP Server Host Port

Outbound Proxy Port

Registration Duration

Transport Protocol

DTMF Style

Other

Ring Code

Video Ringback

Save

14. Intercom > Ring Group

14.1. Ring Group

After clicking on Add icon, fill in Apartment No. which is the number to press on the device. Number (7 Max) is the call destination which can support IP address or SIP account. Ring Group support to be imported or exported.

DNAKE English Help, admin

General

- Information
- Basic
- Time
- Password
- System
- Intercom**
- Device
- Network
- SIP**
- Ring Group**
- Phonebook
- Call Logs
- Access
- Access Control
- User
- Unlock Logs
- Advanced
- Preference
- Video
- More

Ring Group

Apartment No.

Call Concierge

Concierge Code

Add

Apartment No.

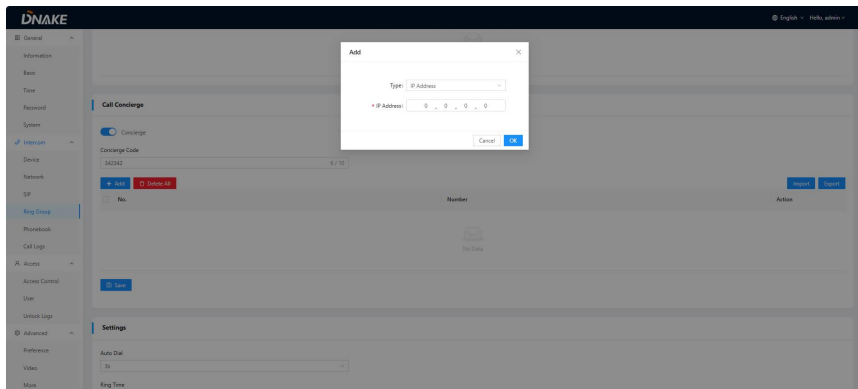
Number

Save

14.2. Call Concierge

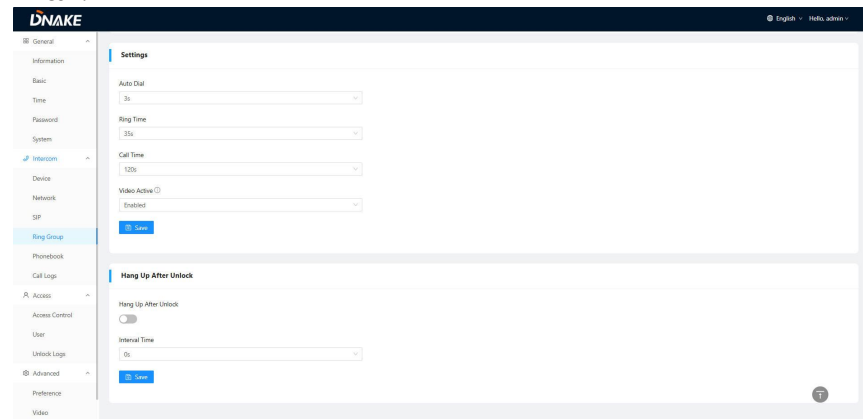
Call Concierge is for setting up the Concierge icon on homepage. Enable this and add the call destination by IP Address or SIP

Address.



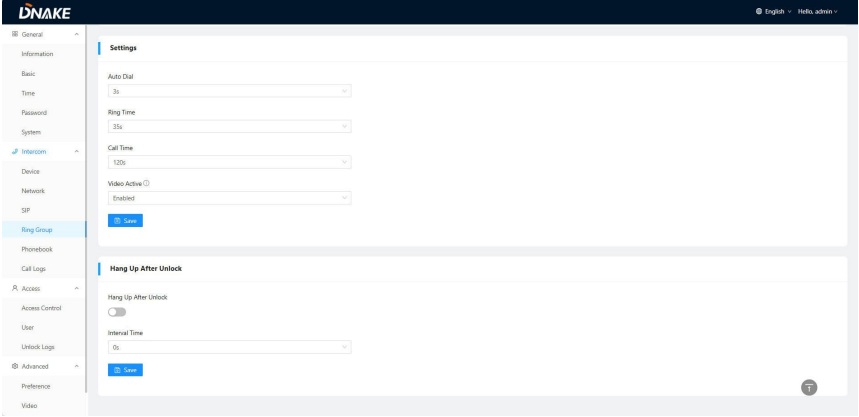
14.3.Settings

1. Auto Dial (3s, 5s, 10s, 20s)
Call would be initiated again if Auto Dial is enabled.
2. Ring Time (10s, 20s, 35s, 45s, 60s, 90s, 120s)
The time length for ringing.
3. Call Time (10s, 20s, 30s, 45s, 60s, 90s, 120s, 300s, 600s, 1200s, 1800s)
The time length for the call.
4. Video Active (Enabled, Disabled)
Set to Enabled to receive video call or set to Disabled to make audio only call.



14.4. Hang up After Unlock

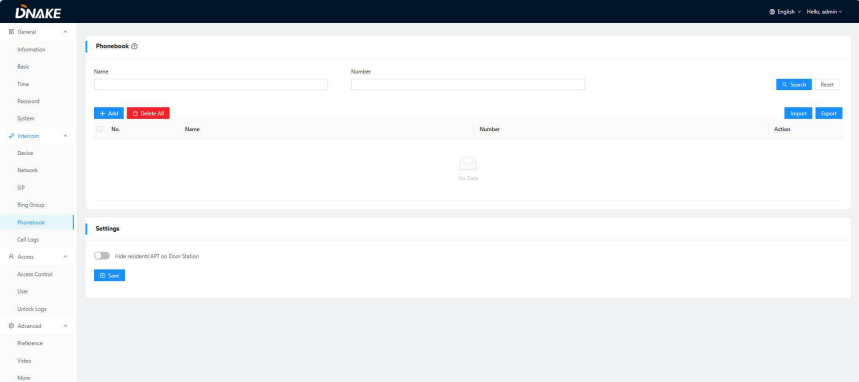
Call would be ended automatically after unlocking if this function is enabled.
Interval Time support from 0s to 10s.



15. Intercom > Phonebook

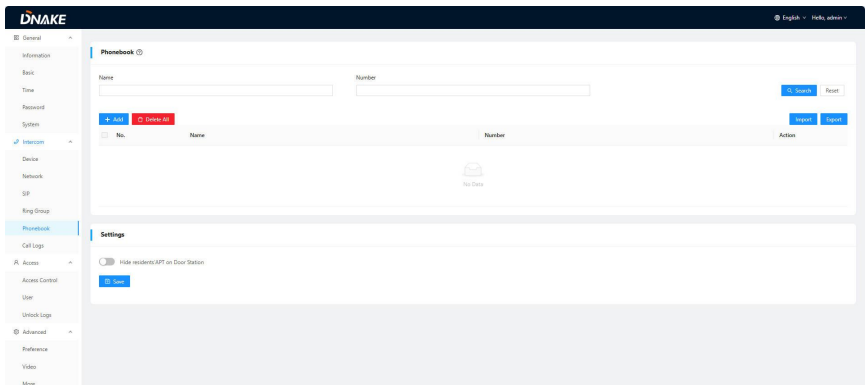
15.1. Phonebook

Contacts can be manually added to the device. It can support 400 items at most. The list can also be imported and exported



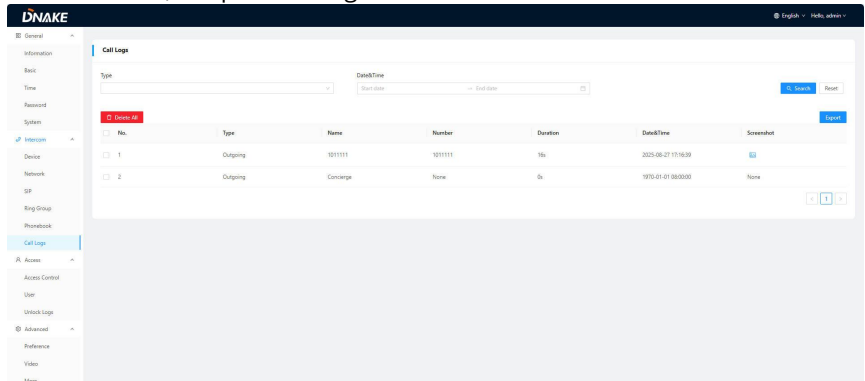
15.2. Settings

Resident's apartment numbers can be hidden from the door station's screen out of security concern.



16. Intercom > Call Logs

Logs presents Type, Name, Number, Duration, Date&Time, and Screenshot. It can also be exported. 500 call logs are supported at most; If the logs reached more than 500, the previous logs will be covered.



17. Access > Access Control

17.1. Relay

1. Relay

DTMF: Relay's DTMF can be changed to #, *, 0, 6, 7, 8, 9.

Unlock Delay: Unlock Delay can be changed from 0s to 9s.

Unlock Time: Unlock Time can be changed from 1s to 9s.

Click to Unlock: Relays can also be unlocked by clicking on the unlock icon on this web.

2. Dry Contact input 1-4/Elevator Floor Configure

Dry Contact input 1-4: Inputs can be changed to 3 types, Exit, Door Sensor, Fire Linkage.

Exit button: Exit button can be linked with different relays and 3 modes, DO NO CALL, Call to Concierge, Call to Number. Do NOT CALL means unlock directly after pressing exit button. Call to Concierge means Door Station will call concierge to confirm the identity. Call to Number means Door Station will call the filled-in apartment number or IP address.

Elevator Floor Configure: Set the floor where this device is installed. The floor range is from -9 to 99. This setting is required when you have DNAKE Elevator Control Module installed.

Relay	DTMF	Unlock Delay	Unlock Time	Click to unlock
Relay1	#	0s	0s	
Relay2	0	0s	0s	
Relay3	*	0s	0s	

Dry Contact Input 1
Exit Button
Relay1
Do Not Call

Dry Contact Input 2
Exit Button
Relay2
Call to Number
101

Dry Contact Input 3
Door Sensor

Dry Contact Input 4
Fire Linkage

Elevator Floor Configure
1

Save

17.2. Card (SL1/SL3)

1. Default Mode

The last 3 bytes of card would be read in default Mode. And relays should be chosen for registered card to unlock.

2. Full Card No.:

Card Order: it can either be normal or reversed sequence for display.

Card Display Mode: 2 options, Hexadecimal and Decimal.

Mifare Card Encryption:

Mifare can be encrypted. Sector (0-15), Block (0-3) and Block Key (6-16 bytes) should be filled in according to Mifare card. And relays should be chosen for registered card to unlock.

Card

☐ Master Card

Card Reading Mode
Full Card No

Card Order
Normal

Card Display Mode
Decimal

☒ Mitake Card Encryption

Relay: ☐ Relay1 ☒ Relay2 ☐ Relay3

Wiegand Settings

Wiegand Input Bits
26

17.3. Wiegand Settings

Wiegand Input Bits and Wiegand Output Bits support to be set to 26, 34, or 58. And relays should be chosen for Wiegand to unlock.

Card

☐ Master Card

Card Reading Mode
Default Mode

☐ Mitake Card Encryption

Please change card reading mode to "Full Card No" test.

Card Reader Open Relay
☒ Relay1 ☒ Relay2 ☒ Relay3

Wiegand Settings

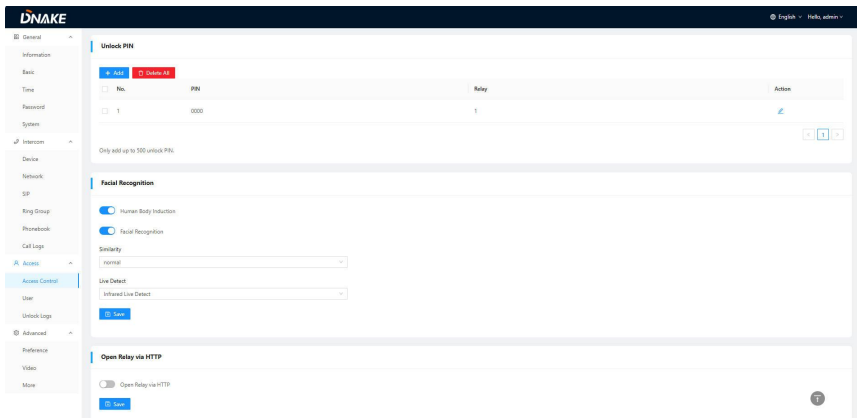
Wiegand Input Bits
26

Wiegand Output Bits
26

Wiegand Open Relay
☒ Relay1 ☒ Relay2 ☒ Relay3

17.4. Unlock PIN

500 unlock PIN codes can be created.



17.5. Facial Recognition

1. Human Body Induction

Facial recognition would be started automatically if anyone is in front of the camera.

2. Facial Recognition

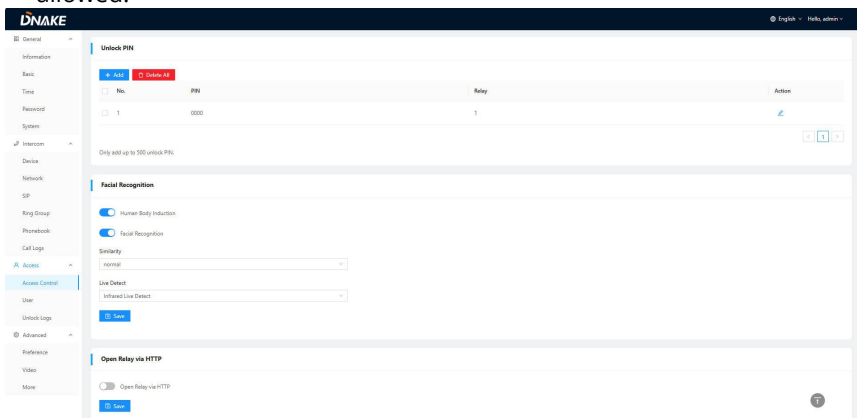
The switch for facial recognition function.

3. Similarity (Low, normal, high)

Sensitivity of facial similarity analyzer.

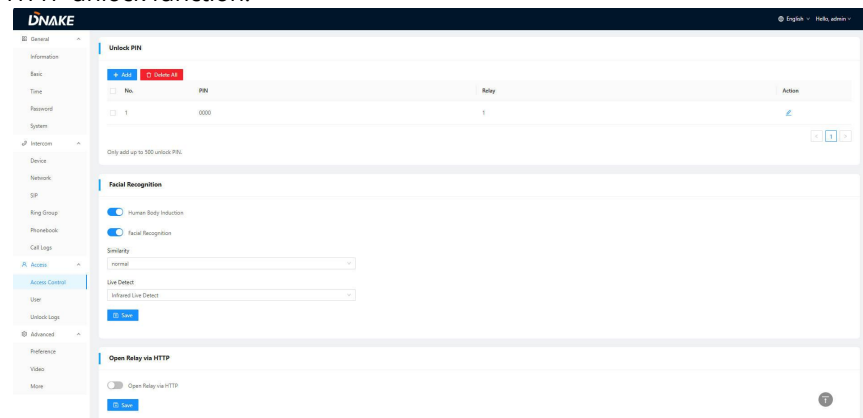
4. Live Detect (Infrared Live Detect)

Only real person can unlock by facial recognition. Photo or video are not allowed.



17.6. Open Relay via HTTP

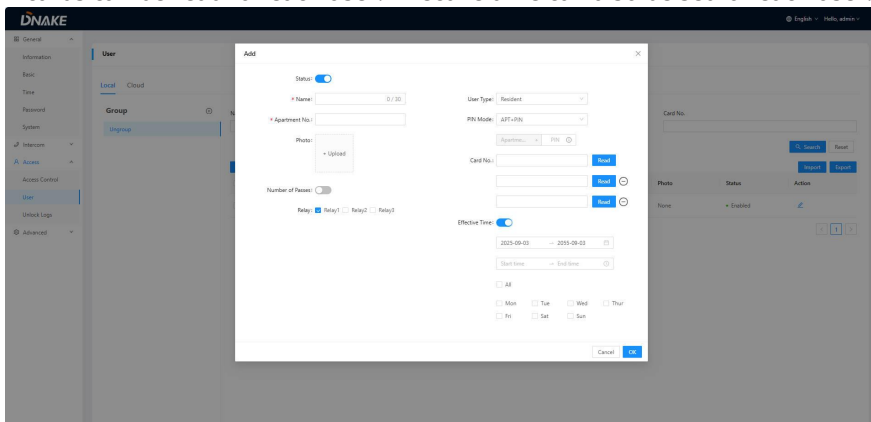
HTTP unlock function.



18. Access > User

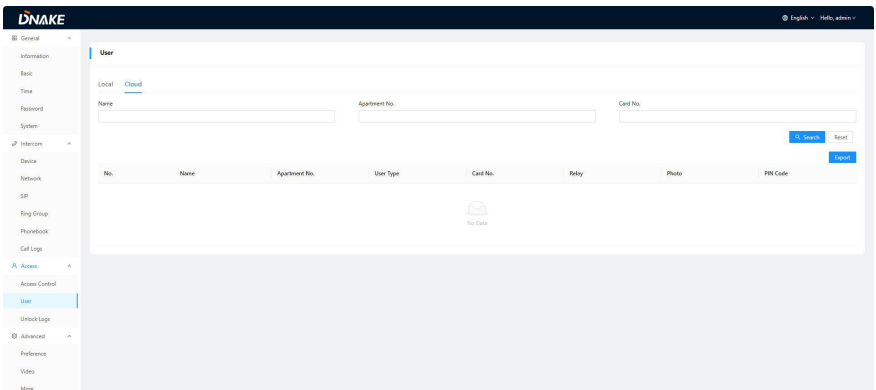
1. Local

Click on Add to add users to the local device. It can support 20,000 users at most. Photo can be uploaded. Individual PIN code can be generated and cards can be read for each user. Effective time can also be set for each user.



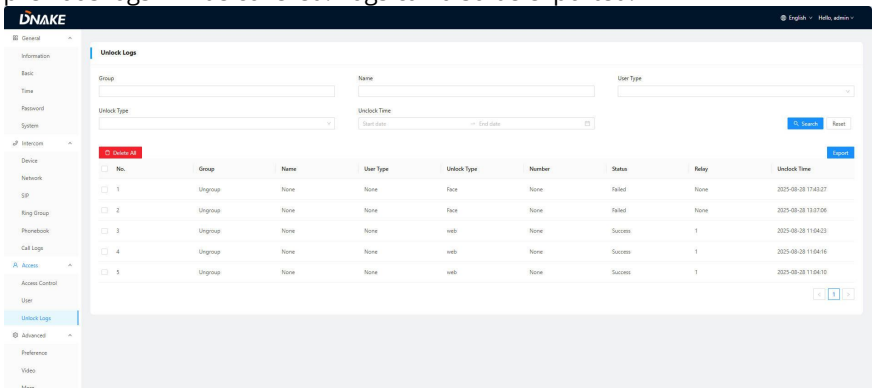
2. Cloud

Users in this page are downloaded from DNAKE Cloud Platform. It can also be exported.



19. Access > Unlock Logs

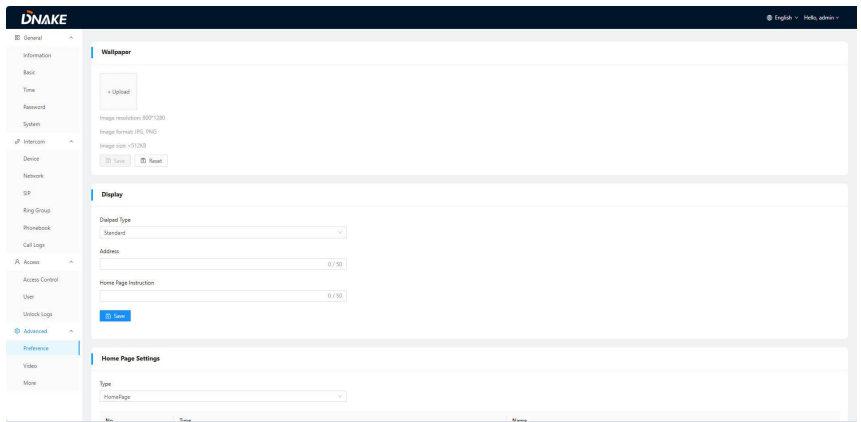
It supports 500 unlock logs at most. If the logs are more than 500, the previous logs will be covered. Logs can also be exported.



20. Advanced > Preference

20.1. Wallpaper

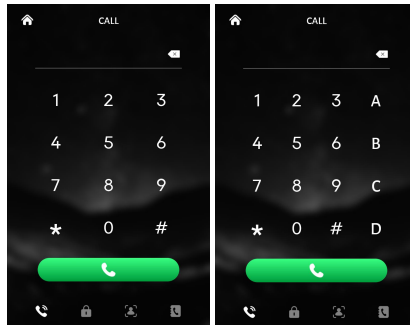
Upload photo for device's homepage. Image resolution should be 800 * 1280. Image format should be JPG or PNG. And image size should be lower than 512KB.



20.2. Display

1. Display Type (Standard, Numeric+ABCD)

Standard Call panel is the 1st picture with numbers. Numeric+ABCD call panel is the 2nd one with numbers and ABCD



2. Address

Address will be displayed below the time on homepage

3. Home Page Instruction

Words will be displayed in the center of homepage.

Display

Display Type: Standard

Address: 0/30

Home Page Instruction: 0/30

Home Page Settings

Type: Homepage

No.	Type	Name
1	Call	
2	PIN	
3	Contacts	
4	Face	

20.3. Home Page Settings

1. Type (Home page, Icon 1-4)
4 types, Home page, Icon 1, Icon 2, Icon 3, and Icon4.
2. Type (Call, PIN, Face, Contacts, QR Code, None)
The icon function on homepage can be changed or disabled.
3. Name
Name of the icons can be customized.

Display

Display Type: Standard

Address: 0/30

Home Page Instruction: 0/30

Home Page Settings

Type: Homepage

No.	Type	Name
1	Call	
2	PIN	
3	Contacts	
4	Face	

21. Advanced > Video

21.1. Video Stream Setting

The RTSP format of DNAKE intercom's camera is:
 rtsp://admin:123456@192.168.68.103:8554/ch01
 Default Username is admin and Password is 123456.

DNAKE English Help, admin

General

Information

Back

Time

Password

System

Intercom

Device

Network

SIP

Ring Group

Phonebook

Call Logs

Access

Access Control

User

Unlock Logs

Advanced

Preference

Video

More

Video Stream Setting

☒ Video Stream

Username

admin

Password

Save

Video Stream OSD

☒ Video Stream OSD

OSD Font Color

White

Save

RTSP LED

RTSP LED

Auto

Save

21.2.Video Stream OSD

Enable this to display real time stamp in white or black on each frame of Door Station's surveillance footage.

DNAKE English Help, admin

General

Information

Back

Time

Password

System

Intercom

Device

Network

SIP

Ring Group

Phonebook

Call Logs

Access

Access Control

User

Unlock Logs

Advanced

Preference

Video

More

Video Stream Setting

☒ Video Stream

Username

admin

Password

Save

Video Stream OSD

☒ Video Stream OSD

OSD Font Color

White

Save

RTSP LED

RTSP LED

Auto

Save

21.3.RTSP LED

Set fill light to Auto mode or off mode when using RTSP stream.

21.4. RTSP Feed

To get IP camera's Real-time video, fill in its URL (RTSP). On the talking interface of Indoor Monitor, user 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 cameras)

22. Advanced > More

22.1. Advertise

To advertise, enable and fill in URL of your advertisement. The interval time can be set to 10mins, 20mins or 30 mins.

DINAKE English Help, Admin

General

Information

Basic

Time

Password

System

Intercom

Device

Network

SIP

Ring Group

Phonebook

Call Logs

Access

Access Control

User

Unlock Logs

Advanced

Preference

Video

More

Advertise

Advertise

URL

Time (minutes)

10

Go

Tamper

Tamper Alarm

Go

Scheduled Sleep

Scheduled Sleep

Go

22.2. Tamper

Enable this to turn on tamper alarm. Door Station would strike the alarm if some one take it down from the bracket.

DINAKE English Help, Admin

General

Information

Basic

Time

Password

System

Intercom

Device

Network

SIP

Ring Group

Phonebook

Call Logs

Access

Access Control

User

Unlock Logs

Advanced

Preference

Video

More

Advertise

Advertise

URL

Time (minutes)

10

Go

Tamper

Tamper Alarm

Go

Scheduled Sleep

Scheduled Sleep

Go

22.3. Scheduled Sleep

Screen sleep time can be set here.

22.4. Other

1. ONU Penetration

Enable this to prevent ONU from banning multicast;

2. Call Mode

Call mode can be changed to Apartment No. call, SIP Call, Contact Name Call.

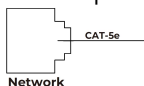
DEVICE WIRING

+12V_IN	1		1	NO3
GND	2	Network(PoE)	2	COM3
WC_DO	3		3	NC3
WC_DI	4		4	NO2
GND	5		5	COM2
INPUT1	6		6	NC2
GND	7		7	NO1
INPUT2	8		8	COM1
GND	9		9	NC1
INPUT3	10		10	GND
GND	11		11	485-
INPUT4	12		12	485+

1. Network (PoE+)

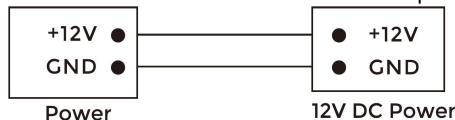
Standard RJ45 interface is for the connection with PoE+ switch or other network switch.

PSE of power supply equipment shall comply with IEEE 802.3at (PoE+), with output power not less than 30W and output voltage not less than 50V.



2. Power

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



3. Switching Value Output

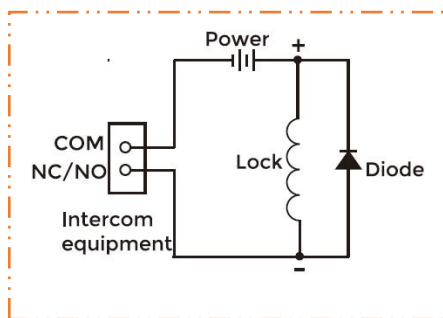
Connect to the lock module (an independent power supply is necessary for the lock).

NO3 ●	Normally open port of relay
COM3 ●	Common port of relay
NC3 ●	Normally closed port of relay
NO2 ●	Normally open port of relay
COM2 ●	Common port of relay
NC2 ●	Normally closed port of relay
NO1 ●	Normally open port of relay
COM1 ●	Common port of relay
NC1 ●	Normally closed port of relay

Switching Value Output

⚠ 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.

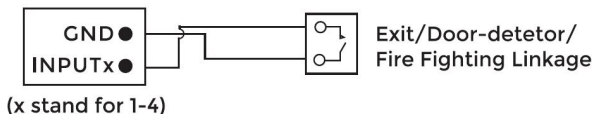


4. RS485

Enable this to connect equipment with RS485 interface.

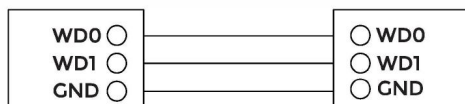


5. Exit / Door-detector / Fire Fighting Linkage



6. Card Reader Interface

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



Card Reader Interface

Card Reader and Access Control System

Note: Door station can only be connected to one card reader or a third party access control system at a time.

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**