

**DNAKE**



# User Manual

H618 Pro



## REMARK

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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

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1. Android 15 System
2. 10.1-inch IPS LCD
3. Powered by PoE or power adapter (DC12V/2A)
4. Support SIP 2.0 protocol, easy integration with other SIP devices
5. Compatible with 3rd party application
6. Support monitoring 16 IP cameras

# TECHNICAL PARAMETER

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System: Android 15

RAM/ROM: 2GB/8GB or 4GB/32GB

Front Panel: Aluminum

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

Standby Power: 3 W

Rated Power: 10 W

Wi-Fi: IEEE 802.11 b/g/n/ax (Optional)

TF Card Slot: 1

Ethernet Port: 1 x RJ45, 10/100 Mbps adaptive

Resolution: 1280 x 800

Working Temperature: -10°C to +55°C

Storage Temperature: -40°C to +70°C

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

# PACKAGE CONTENT

MODEL: H618 Pro



H618 Pro



Bracket



PM4×20 (2 pcs)



Diode (8 pcs)

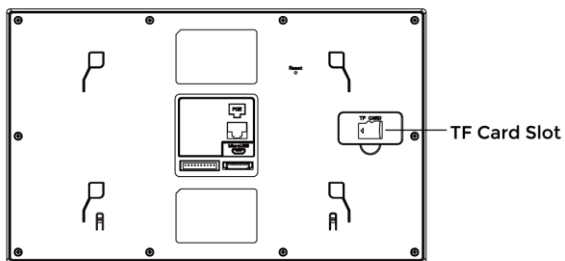
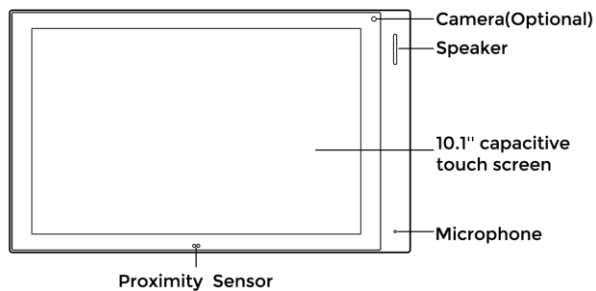


Wires



Quick Start Guide

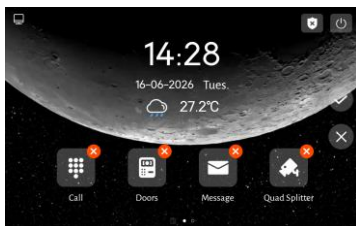
# OVERVIEW



# BASIC OPERATION

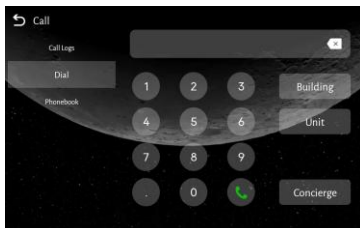
## 1. Icon Customization

Users can decide on icons on the 1<sup>st</sup> homepage. Users just need to press and hold for seconds on the icon to customize. Icons can be deleted or changed to other icons including 3rd party apps. And press ✓ to confirm or press × to cancel.



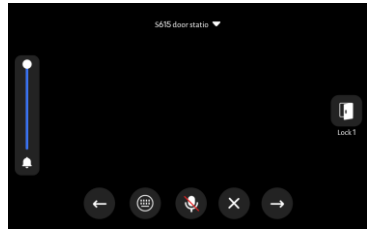
## 2. Call

Go to Call > Dial and enter Building number + Building + Unit number + Unit + Room number + dial icon to call Indoor Monitor (such as 1 + Building + 1 + Unit + 1111 + Dial button). Or you can press Concierge here to call Master Station.



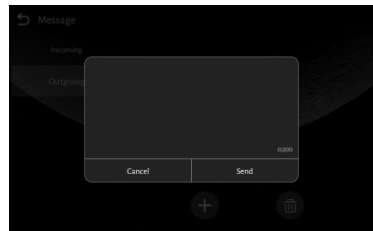
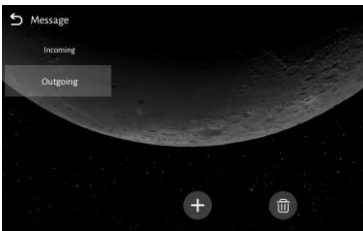
## 3. Doors

Click Doors icon on Indoor Monitor's homepage to monitor Door Station. You can unlock by clicking door icon or switch to monitor other devices by clicking arrow or the name above.



#### 4. Message

Indoor Monitor can receive and sending the message to the CMS or Master Station. Up to 64 records can be received in SMS.



#### 5. DND

Click DND icon to enable do not disturb function. No calls can call in.



## 6. Quad Splitter

Click Quad Splitter icon on Indoor Monitor's homepage to monitor IPC. Click any screen of IPC to make it full screen. Click left or right arrow to check other pages. Up to 16 IPC can be added.

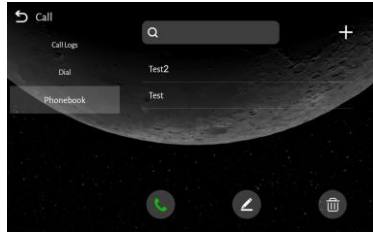


## 7. Phonebook

Slide from left to right near the left edge of the screen to wake up phonebook page.

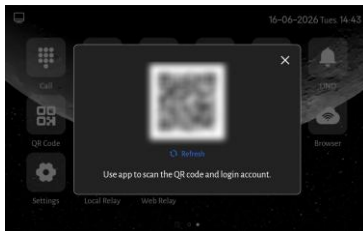


Or go to Call > Phonebook. Select the name on the phonebook and press dial button to call.



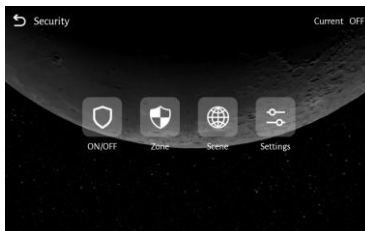
## 8. QR Code

Click QR Code and scan by DNAKE Smart Life app to add this Indoor Monitor to your phone. Only when the license is filled in Internet-connected Indoor Monitor, QR code will be available.

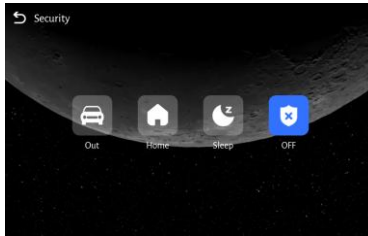


## 9. Security

Security is for sensors. The default password is 1234.



## 9.1. ON/OFF



ON:	Click Out, Home, or Sleep icon to activate the scene for alarm sensors, the icon on the main interface will light up with a beep sound;
OFF:	Click OFF to disable scene;

## 9.2. Zone



Type:	<ul style="list-style-type: none"> <li>• Normal: When users enable an alarm scene on the On/Off page, Normal type alarm zone will be activated after activation time. <ul style="list-style-type: none"> <li>○ 100 seconds is the default activation time, it means the alarm will be activated after 100 seconds.</li> <li>○ After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station.</li> <li>○ But sometimes users don't want to send the alarm to Master Station (maybe alarm by mistake), users can set the</li> </ul> </li> </ul>
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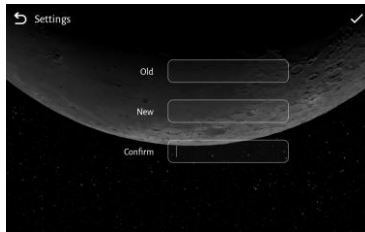
	<p>Delay time, so they can cancel the alarm in the Indoor Monitor during this Delay time (PIR, Door, Window);</p> <ul style="list-style-type: none"> <li>• Emergency: once Panic button is triggered, Indoor Monitor will not initiate an alarm and only Master Station will receive alarms secretly; 24 hours standby even if the security is off (Panic, Pull Cord);</li> </ul> <p>24 Hour: Indoor Monitor will initiate an alarm and Master Station will also receive alarms. 24 hours standby even if the security is off (Smoke, Gas, Flood);</p>
Mode:	<ul style="list-style-type: none"> <li>• 3C: for the sensor with 2.2K<math>\Omega</math> resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally;</li> <li>• NO: normally open;</li> <li>• NC: normally closed;</li> </ul> <p>BELL: in BELL mode, Master Station will not receive any alarm. Indoor Monitor is regarded as a doorbell receiver;</p>
Delay:	<p>Once sensor is triggered, Indoor Monitor will send this alarm to Master Station, but users can terminate the alarm sending to Master Station during the delayed time set here.</p> <p>Delay setting is only effective for Normal type (0s, 5s, 15s, 20s, 25s, 40s, 60s);</p>
Sensor:	<p>Sensor types (Smoke, Gas, PIR, Door, Window, Panic, Flood, Pull Cord);</p>

### 9.3. Scene



Activation Time:	Only after activation time, will scene be activated. Activation time is only effective for Normal type (NONE, 30s, 40s, 60s, 100s, and 300s);
Mode:	Tick to link sensors to Out, Home, or Sleep scene;

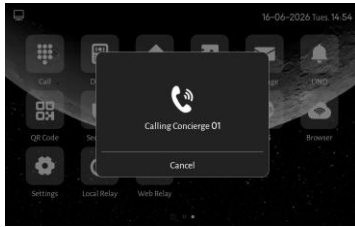
## 9.4. Settings



Old:	Current security password of the Device (Default 123456);
New:	New security password of the Device;
Confirm:	Confirm security password of the Device;

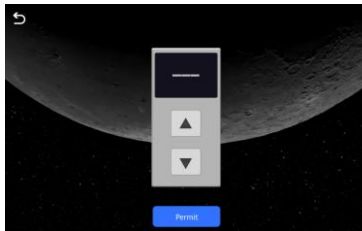
## 10. Concierge

Press the Concierge icon to call Master Station one by one.



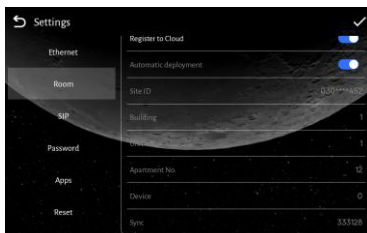
## 11. Elevator

Press the Elevator icon to call control elevator (DNAKE Elevator Control Module is needed).

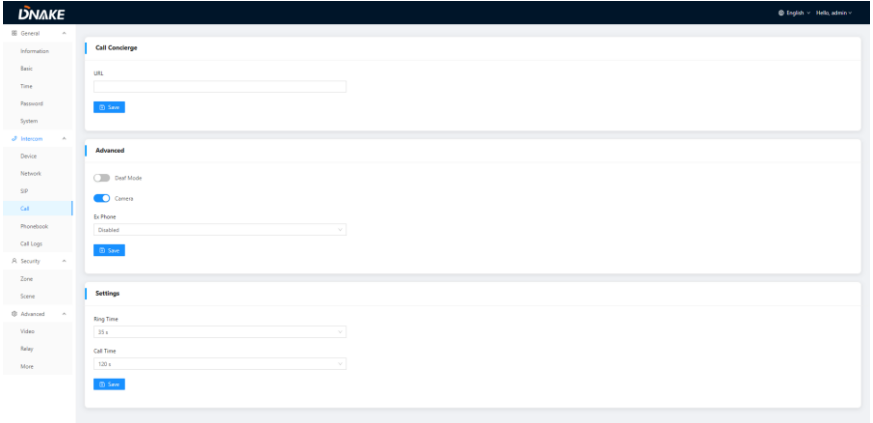


## 12. Add More Indoor Monitors

Keep Building, Unit, Apartment No., Sync the same as other Indoor Monitors, and Device number should be different. The Device number can be from 0 to 9. But you must have one Indoor Monitor's Device number is 0 and keep it online because 0 here stands for the main one.

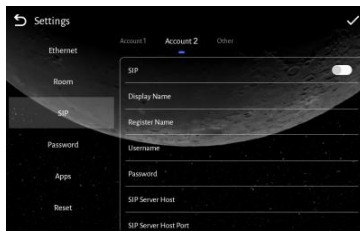


Or go to Indoor Monitor's webpage and find Ex Phone in Intercom > Call. Users can directly extend to more Indoor Monitors by filling in sip:IP address (6 Max) such as sip:192.168.68.90. (Please refer to WEB SETTING for the way to access to webpage)



### 13. SIP Setting

Users can directly configure SIP on the device's Settings > More > SIP page.



### 14. SOS

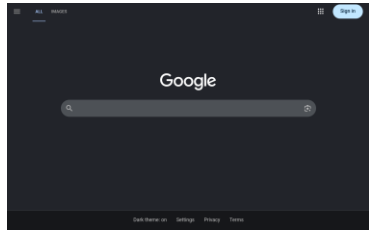
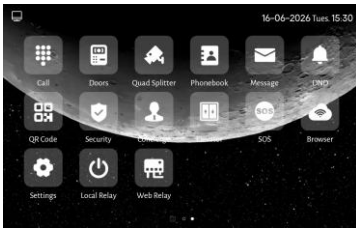
Users can press SOS icon on the 2<sup>nd</sup> homepage to send SOS to Master Station. Users can set the trigger time length on the webpage. If the time is

set to 3s, users need to press the SOS icon for 3s to send out SOS in case of a wrong operation alarm.



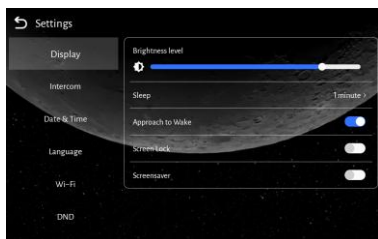
## 15. Browser

Tap the Browser icon to access the device's built-in web browser.



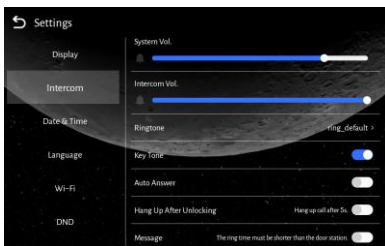
# DEVICE SETTING

## 1. Display



Brightness level:	Screen brightness adjustment;
Sleep:	Screen sleep time (15s, 30s, 1min, 2mins, 5mins, 20mins, 30mins);
Approach to Wake:	Get close to device to wake screen;
Screen Lock:	The screen will be locked after screen off timeout (Unlock password is security password. The default password is 1234);
Screensaver	Enable or disable the Screen Saver function. When enabled, you can configure the screen saver activation time and select the screen saver image.

## 2. Intercom



System Vol:	Volume of System can be set from 1 to 6. Volume 6 is the maximum volume (Key tone);
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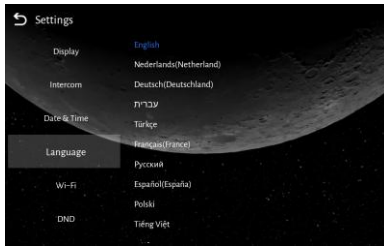
Intercom Vol:	Volume of Intercom can be set from 1 to 6. Volume 6 is the maximum volume (Call volume);
Ringtone:	The ringing sound (Ringtone 01-04);
Key Tone:	The key tone (Enable or disable);
Auto Answer:	Pick up automatically when receiving a call;
Hang Up After Unlocking:	Hang up automatically after unlocking doors.
Message	Enable or disable the Message Notification Sound. Notification sound files must be imported from a TF card before they can be used.

### 3. Date & Time



Automatic date & time:	Enable to synchronize computer time;
Date & Time:	Date and time can be set manually;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Select 12H or 24H format to display on the device;
Date Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);
NTP:	Network Time Protocol (NTP) is a protocol used to synchronize computer time;

### 4. Language



Language:	19 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türkçe, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský, Українська, فارسی, 日本語);
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## 5. Wi-Fi



Wi-Fi:	Enable to use Wi-Fi and refresh Wi-Fi page
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## 6. DND

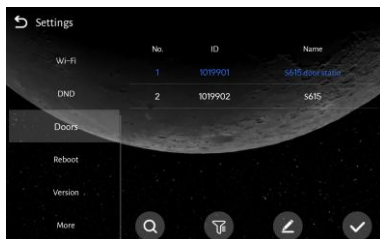


DND:	DND is disabled by default.
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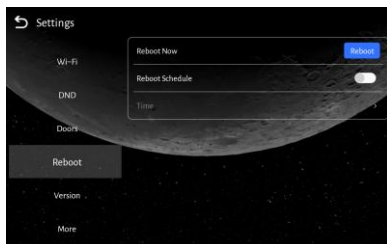
	<p><b>Whole Day:</b> when DND is enabled, it will reject calls for the whole day.</p> <p><b>Duration:</b> when DND is enabled, it will reject calls during this time.</p>
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## 7. Doors

You need to click search icon to add Door Stations to Indoor Monitor and click tick to save before monitoring. Click funnel icon to pin the selected device to the top. Click pen icon to edit devices.

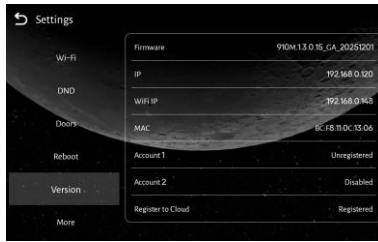


## 8. Reboot



Reboot Now:	Tap the Reboot button to restart the device.
Reboot Schedule:	When enabled, the device can be configured to automatically reboot at a specified time period.
Time:	Configure the scheduled reboot time for the device.

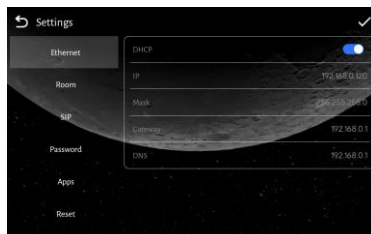
## 9. Version



Firmware:	Firmware version of the device;
IP:	Current IP address of the device;
Wi-Fi IP:	Current Wi-Fi IP address of the device;
MAC:	MAC address of the device;
Account 1	Indicates the status of SIP Server 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	Indicates the status of SIP Server Account 2; when the cloud platform function is enabled and Account 1 is occupied, users can configure a second third-party SIP server.
Register to Cloud	Indicates whether the device is registered on the cloud platform.

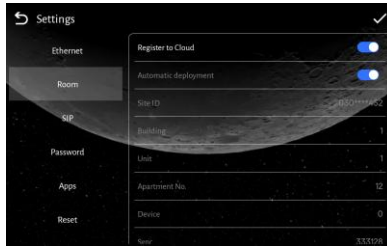
## 10. More > Ethernet

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;

## 11. More > Room



Register to Cloud	Toggle switch for enabling or disabling the device's Register to Cloud function.
Auto Deploy	Toggle switch for enabling or disabling the Auto Deploy function.
Site ID	The Site ID of the project to which the device at.
Building:	Number of the building (Range: 1-999);
Unit:	Number of the unit (Range: 0-99);
Apartment No.:	Number of the apartment (Range: 0-9899);
Device:	Number of the device (Range: 0-9);
Sync:	A number used to synchronize to other Indoor Monitors;

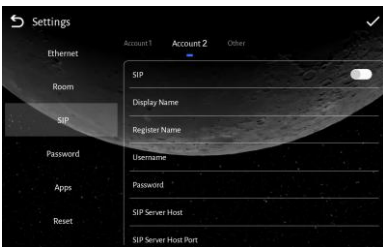
## 12. More > SIP

## 12.1. Account 1

When the device is using the cloud platform service, Account 1 displays the device's registration status on the cloud platform; if the cloud platform service is not in use, refer to the Account 2 description to add a third-party SIP service.



## 12.2. Account 2

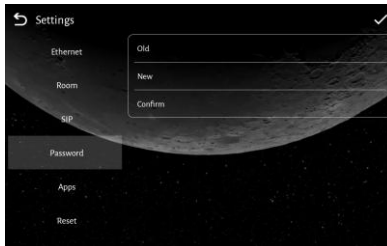


SIP:	Enable to use SIP;
Display Name:	Display name of SIP account;
Register Name:	Register Name of SIP account;
Username:	Username of SIP account;
Password:	Password of SIP account;
SIP Server Host:	Directly fill in SIP server's address e.g., 192.168.68.90; The default port is 5060;
Outbound Proxy:	Outbound Proxy server; the default port is 5060;
Transport Protocol:	Transport Protocol (UDP, TCP, TLS);
Registration Duration	Registration Duration defines how long a SIP client stays registered with the server.

Video Payload:

Video payload range is 96-127;

### 13. More > Password



Old Password:

Current administrator password of the Device (Default 123456);

New Password:

New administrator password of the Device;

Confirm Password:

Confirm administrator password of the Device;

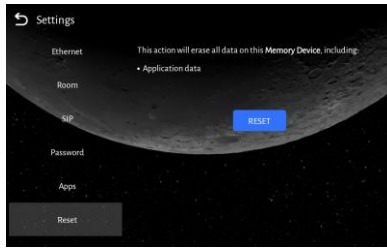
### 14. More > Apps



Apps:

3rd party apps can be managed here;

### 15. More > Reset

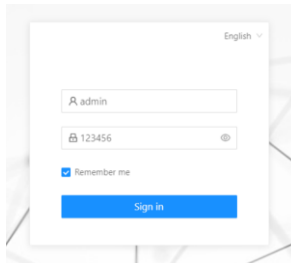


Reset:	Reset to factory settings;
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# WEB SETTING

Connect Indoor Monitor and PC to a network switch in the same LAN. You can enter the IP address of Indoor Monitor 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.

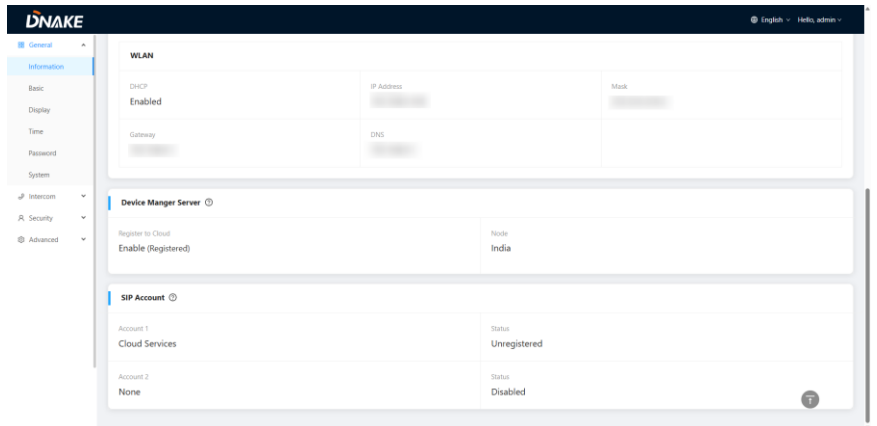
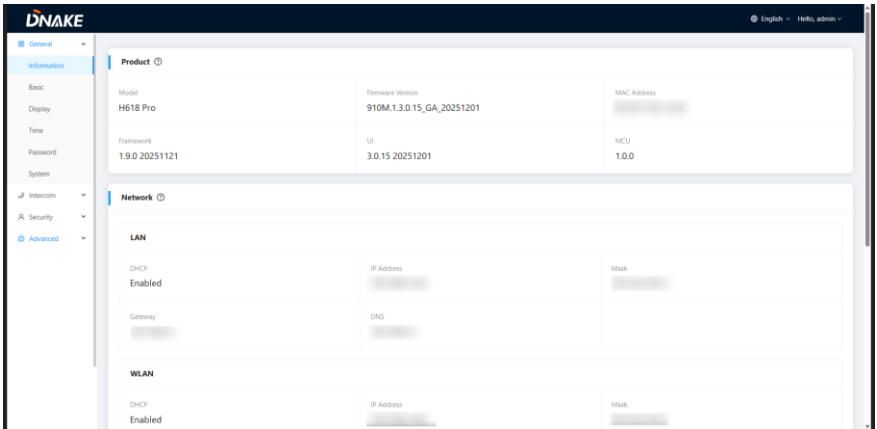
To get the IP address, you can search by DNAKE Remote Upgrade Tool installed in the same LAN with the devices.



## 1. General

### 1.1. General > Information

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

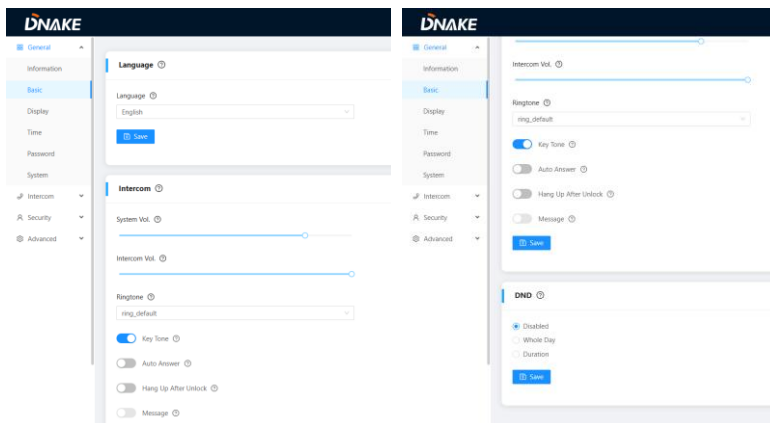


Product	Model:	Model of the device;
	Firmware Version:	Firmware version of the device;
	MAC Address:	MAC address of the device;
	Framework:	Framework of the device;
	UI:	UI of the device;
	MCU	The MCU version of the device
Network	DHCP:	Status of DHCP;
	IP Address:	Current IP address of the device;

	Mask:	Subnet mask of the device;
	Gateway:	Gateway of the device;
	DNS:	Domain Name Server of the device;
Device Manger Server	Register to Cloud	Displays whether the device's cloud service is enabled and shows the current cloud connection status.
	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

Some basic settings of the device can be configured in this column.



Language	Language:	19 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türkçe, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Fra
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		нçais, Italiano, slovenský, Українська, فارسی, 日本語);
Intercom	System Vol:	Volume of System can be set from 1 to 6. Volume 6 is the maximum volume (Key tone);
	Intercom Vol:	Volume of Intercom can be set from 1 to 6. Volume 6 is the maximum volume (Call volume);
	Ringtone:	The ringing sound (Ringtone 01-04);
	Key Tone:	The keytone (Enable or disable);
	Auto Answer:	Pick up the phone automatically when receiving a call;
	Hang Up After Unlocking:	Hang up automatically after unlocking doors.
	Message	Enable or disable the Message Notification Sound. Notification sound files must be imported from a TF card before they can be used.
DND	DND:	DND is disabled by default. Whole Day: when DND is enabled, it will reject calls for the whole day. Duration: when DND is enabled, it will reject calls during this time.

### 1.3. General > Display

- General
- Information
- Basic
- Display
- Time
- Password
- System
- Intercom
- Security
- Advanced

## Basic

## Brightness



## Sleep

30 mins

 Approach to Wake[Save](#)

## Home Icon Settings

Area	Type
Area1	Call
Area2	Diary
Area3	Message
Area4	Chart Splitter

- General
- Information
- Basic
- Display
- Time
- Password
- System
- Intercom
- Security
- Advanced

## Browser

 Browser

## Name

Browser

## URL

https://www.google.com/

## Icon

Best Resolution: 229x220

Image format: JPG, PNG

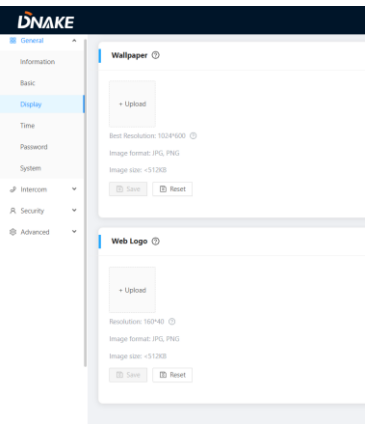
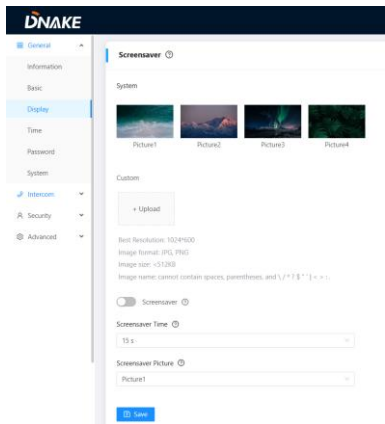
Image size: &lt;30K

[Save](#)

## Screen Lock

 Screen Lock

T

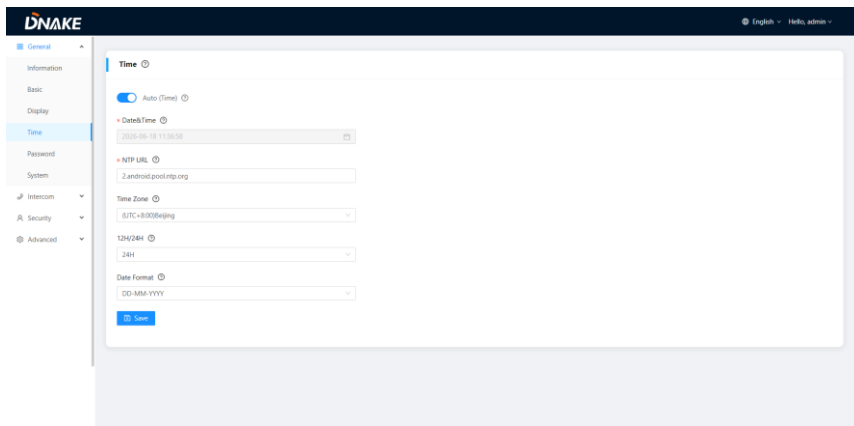


Basic	Brightness:	The brightness of the screen;
	Sleep:	Screen off timeout (15s, 30s, 1min, 2 mins, 5mins, 10mins, 30mins);
	Approach to Wake:	Get close to device to wake screen;
Home Icon Settings	Area	Represents four quick launch (Area) functions
	Type	Configure the type of the quick launch (Area) function. If it is configured as None, the quick launch function will not be displayed on the home page.
Browser	Browser	Configure whether to enable the browser. If it is enabled, the browser icon will appear on the device LCD.
	Name	Configure the browser name displayed on the device LCD.
	URL	Configure the default URL of the browser.
	Icon	Configure the browser icon displayed on the device LCD
Screen Lock	Screen Lock	The screen will be locked after screen off timeout (Unlock password is se

		curity password. The default password is 1234);
Screensaver	Screensaver	Enable or disable the Screen Saver function. When enabled, you can configure the screen saver activation time and select the screen saver image.
	Screensaver Time	Configure the time to activate the screen saver.
	Screensaver Picture	Configure the pictures displayed by the screen saver.
Wallpaper	Wallpaper	Configure the wallpaper in the device LCD
Web Logo	Web Logo	Configure the logo in the upper left corner of the device WebUI.

## 1.4. General > Time

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

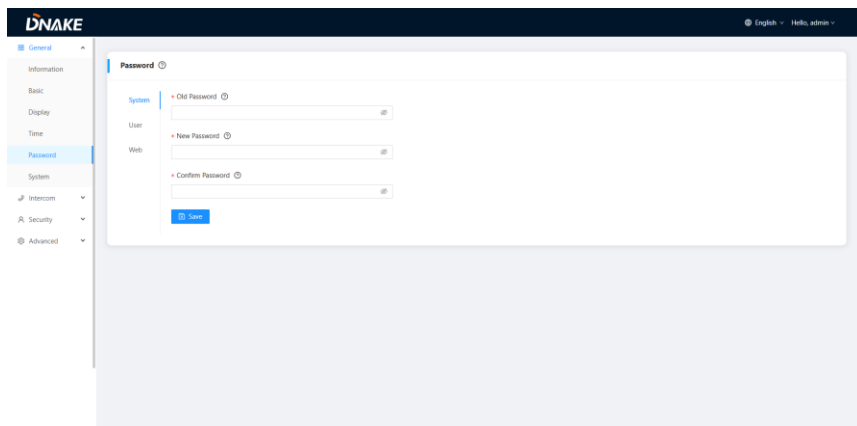


Time	Auto (Time):	Enable to synchronize computer time;
	Date & Time:	Date and time can be set manually;

	NTP URL:	Network Time Protocol (NTP) is a protocol used to synchronize NTP time;
	Time Zone:	A region that observes a uniform standard time;
	12H/24H:	Select 12H or 24H format to display on the device;
	Date Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);

## 1.5. 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. User for Indoor Monitor is the security password whose default password is 1234.

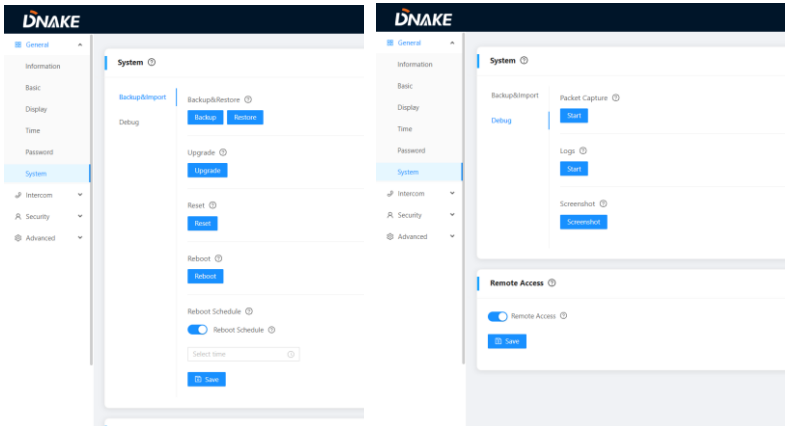


System	System Old Password:	Current administrator password of the Device (Default 123456);
	System New Password:	New administrator password of the Device;

	System Confirm Password:	Confirm administrator password of the Device;
User	User Old Password:	Current security password of the Device (Default 1234);
	User New Password:	New security password of the Device;
	User Confirm Password:	Confirm security 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;

## 1.6. 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 & Restore	Backup & Restore:	Backup all setting and restore settings;
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	Upgrade:	Upgrade the device;
	Reset:	Reset to factory settings;
	Reboot:	Reboot the device;
	Reboot Schedule	When enabled, the device can be configured to automatically reboot at a specified time period.
Debug	Packet Capture:	Capturing packets can help developers reproduce positioning problems;
	Logs:	Device logs;
	Screenshot:	Screenshot device interface;
Remote Access	Remote Access	The permissions for external remote access to the device Web UI

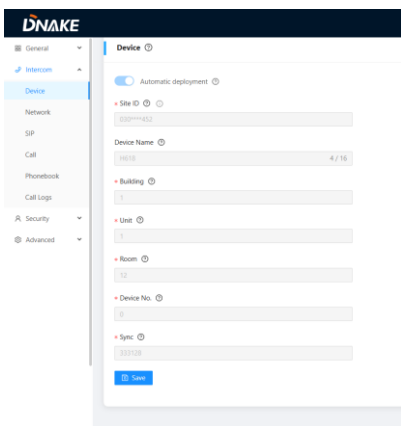
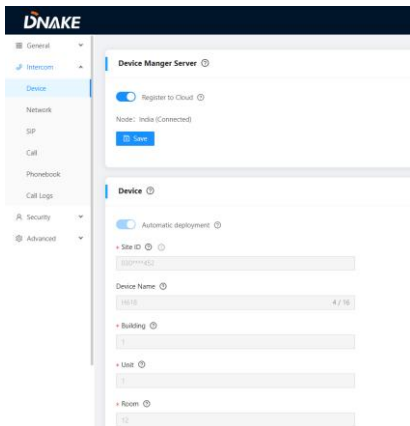
## 2. Intercom

### 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.

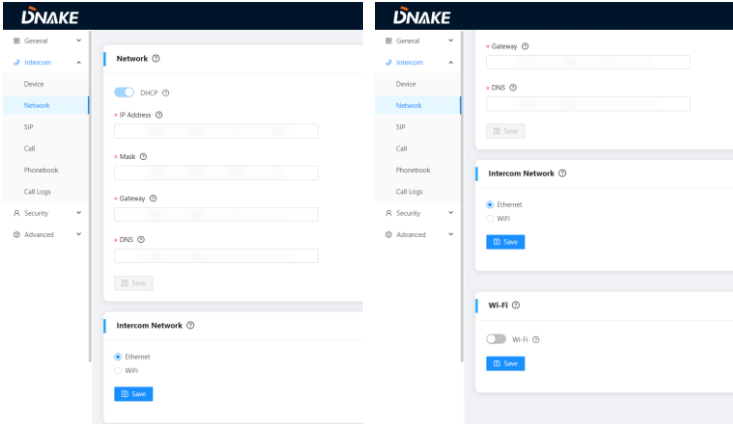
When users want to use more than 1 Indoor Monitors, keep Building, Unit, Apartment No., Sync the same as other Indoor Monitors, and Device number should be different. The Device number can be from 0 to 9. But you must have one Indoor Monitor's Device number is 0 and keep it online because 0 here stands for the main one.



Device Manager Server	Register to Cloud	Configure the device to register to the cloud server
Device	Automatic Deployment	Configure whether the device is allowed to automatically connect to the cloud platform and obtain configuration
	Site ID	Configure the device to automatically connect to the specified site of the cloud platform
	Device Name	The name of device
	Building:	Number of the building (Range: 1-999);
	Unit:	Number of the unit (Range: 0-99);
	Room:	Number of the apartment (Range: 0-9899);
	Device No:	Number of the device (Range: 0-9);
Sync:	A number used to synchronize to other Indoor Monitors;	

## 2.2. Intercom > Network

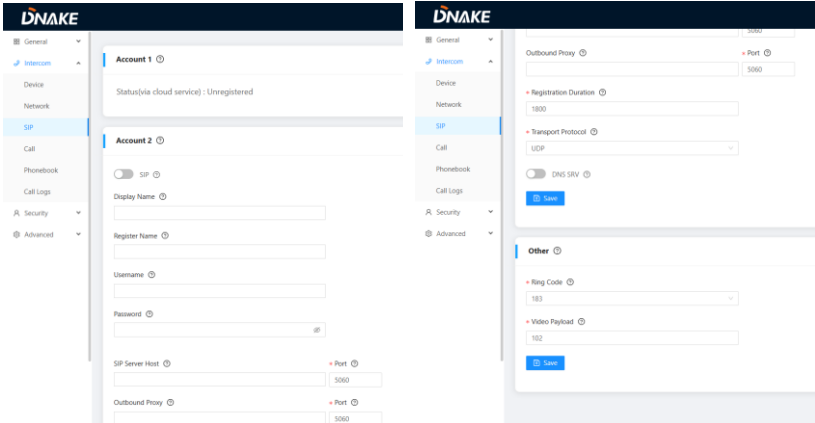
The device network can be set to either DHCP or a static IP address. CMS parameters should be configured here when you try to register this device to CMS.



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;
Intercom Network:	Intercom Network:	When Ethernet/Wi-Fi is selected, the call will use the wired/Wi-Fi network.
Wi-Fi:	Wi-Fi:	Wi-Fi can be enabled when you want to use it;

### 2.3. Intercom > SIP

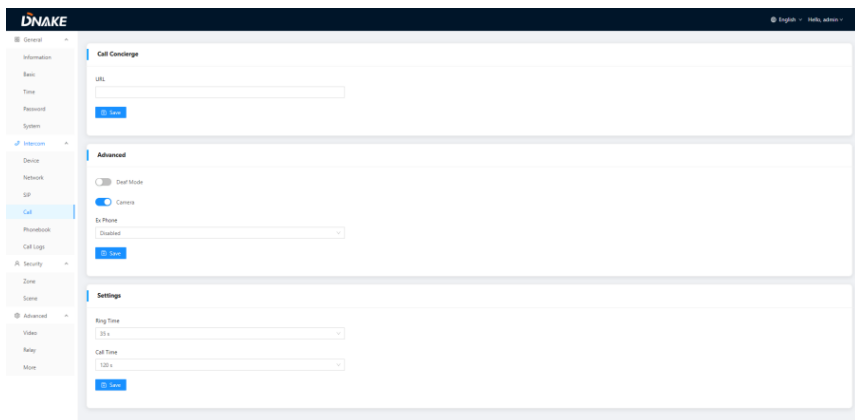
The SIP column concerns SIP registration, Display Name, Register Name, Username, Password, SIP Server Host, Outbound Proxy, Transport Protocol, Video Payload, etc.



Account	SIP:	Enable to use SIP;
	Display Name:	Display name of SIP account;
	Register Name:	Register Name of SIP account;
	Username:	Username of SIP account;
	Password:	Password of SIP account;
	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 server; the default port is 5060;
	Registration Duration	Configure the registration duration when the device registers with the S IP server.
Transport Protocol:	Transport Protocol (UDP, TCP, TLS);	
Other	Ring Code:	Ring code. Without SDP or with (180 or 183);

## 2.4. Intercom > Call

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

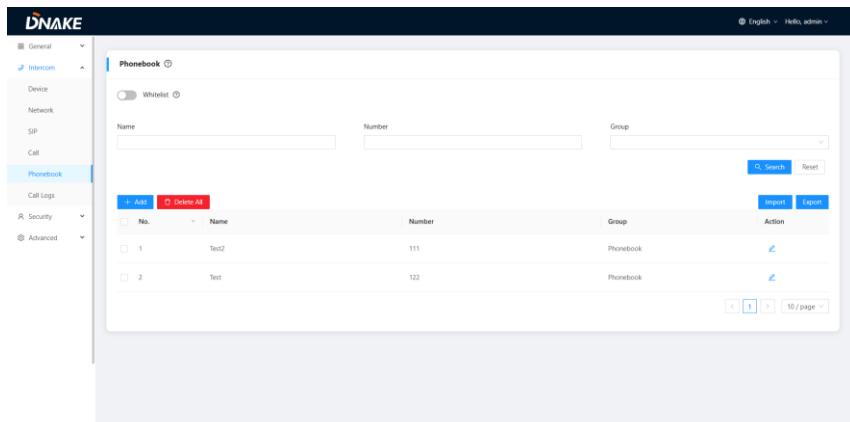


Concierge	Concierge	Configure whether to enable the Concierge function.
	Call Concierge URL:	<p>Fill in the call destination for concierge button or the single button on the device;</p> <ul style="list-style-type: none"> <li>● IP call: Fill in sip:IP address, e.g., sip:192.168.68.90;</li> <li>● SIP call: Fill in sip:sip account@SIP server address:port, e.g., sip:101@192.168.68.90:5060;</li> </ul>

Advanced	Deaf Mode:	The lamp connecting to Indoor Monitor will be turned on when receiving a call;
	Camera:	configure whether the device's camera is enabled;
	Multicast	Configure whether the device is enabled to receive multicast by master station.
	Multicast Address	Configure the address for receiving messages in the Message function of the device LCD
	Message URL	Configure the address for receiving messages in the Message function of the device LCD.
	Ex Phone:	Extend to more Indoor Monitors by filling in sip:IP address (6 Max) such as sip:192.168.68.90 (6 Max);
Settings	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);

## 2.5. Intercom > Phonebook

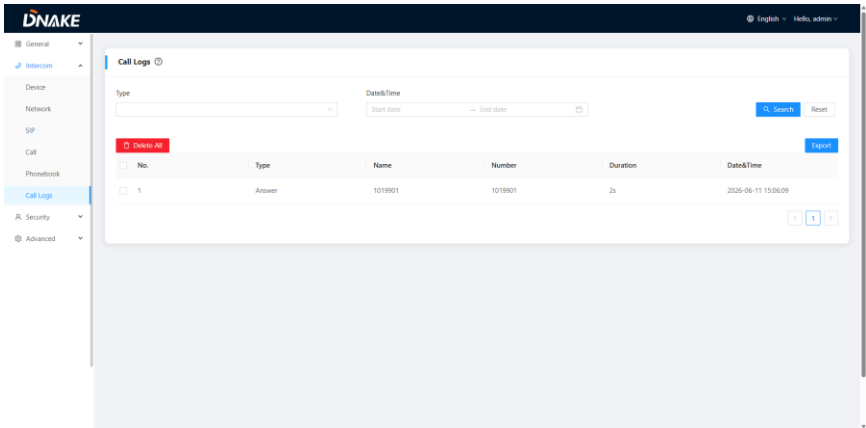
All contacts on Indoor Monitor can be edited here.



Phonebook	Whitelist:	Enable whitelist to block other calls outside of the whitelist. For example, Ana is in the whitelist but Nyree is not in it. Ana can call in while Nyree can't;
	Search:	Fill in text inputs to search;
	Reset:	Click reset to clear words in text inputs;
	Add:	Click to add more contacts;
	Delete All:	Delete all data on the chart;
	Import:	Import all data to the chart;
	Export:	Export all data on the chart;

## 2.6. Intercom > Call Logs

All call logs can be checked here.

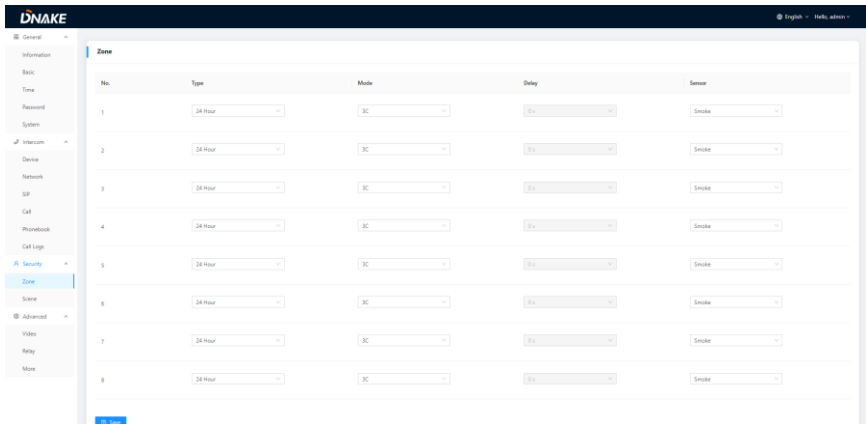


Call Log	Search:	Fill in text inputs to search;
	Reset:	Click reset to clear words in text inputs;
	Delete All:	Delete all data on the chart;
	Export:	Export all data on the chart;

### 3. Security

#### 3.1. Security > Zone

Zone column is the setup page for security sensors.

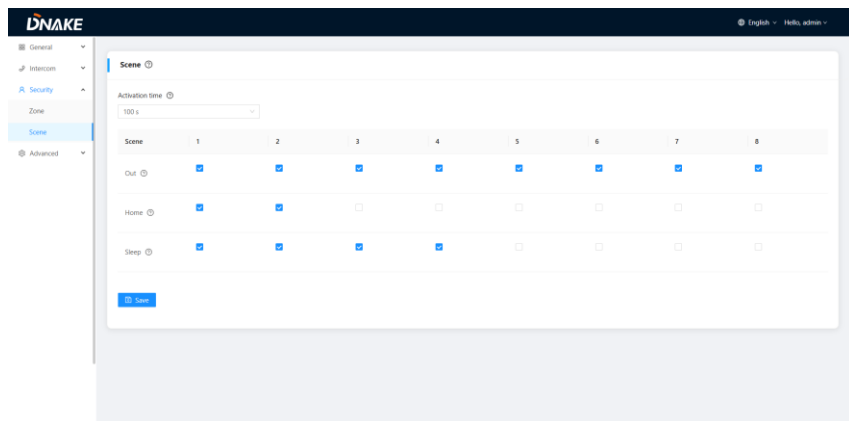


Zone	Type:	<ul style="list-style-type: none"> <li>• Normal: When users enable an alarm scene on the On/Off page, Normal type alarm zone will be activated after activation time. <ul style="list-style-type: none"> <li>○ 100 seconds is the default activation time, it means the alarm will be activated after 100 seconds.</li> <li>○ After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station.</li> <li>○ But sometimes users don't want to send the alarm to Master Station (maybe alarm by mistake), users can set the Delay time, so they can cancel the alarm in the Indoor Monitor during this Delay time (PIR, Door, Window);</li> </ul> </li> <li>• Emergency: once Panic button is triggered, Indoor Monitor will not initiate an alarm and only Master Station will receive alarms secretly; 24 hours standby even if the security is off (Panic, Pull Cord);</li> <li>24 Hour: Indoor Monitor will initiate an alarm and Master Station will also receive alarms. 24 hours standby even if the security is off (Smoke, Gas, Flood);</li> </ul>
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	Mode:	<ul style="list-style-type: none"> <li>• 3C: for the sensor with 2.2K<math>\Omega</math> resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally;</li> <li>• NO: normally open;</li> <li>• NC: normally closed;</li> </ul> BELL: in BELL mode, Master Station will not receive any alarm. Indoor Monitor is regarded as a doorbell receiver;
	Delay:	Once sensor is triggered, Indoor Monitor will send this alarm to Master Station, but users can terminate the alarm sending to Master Station during the delayed time set here. Delay setting is only effective for Normal type (0s, 5s, 15s, 20s, 25s, 40s, 60s);
	Sensor:	Sensor types (Smoke, Gas, PIR, Door, Window, Panic, Flood, Pull Cord);

### 3.2. Security > Scene

Scene column is for security sensors' trigger conditions.

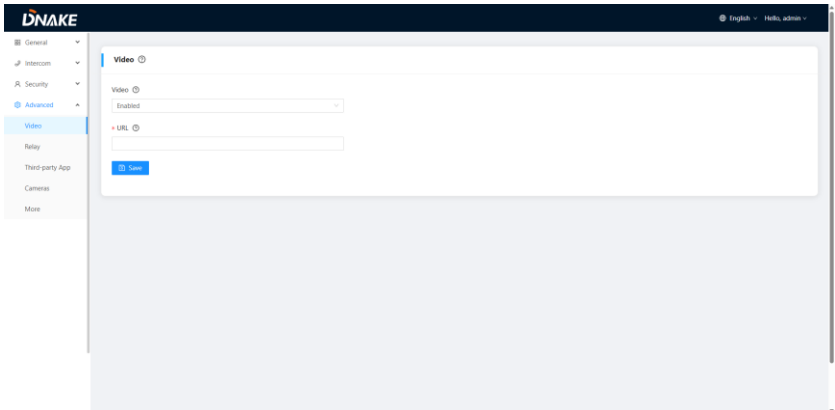


Scene	Activation Time:	Only after activation time, will scene be activated. Activation time is only effective for Normal type (NONE, 30s, 40s, 60s, 100s, and 300s);
	Mode:	Tick to link sensors to Out, Home, or Sleep scene;

## 4. Advanced

### 4.1. Advanced > Video

Video here is for users to show their IPC image for the one they are talking with. For example, users receive calls from Master Station or Indoor Monitor. They can see the IPC image because users filled in IPC's RTSP Feed here.



Video:	Configure the device's RTSP Feed settings. If configured, you need to fill in the URL
URL:	Configure the URL of the RTSP Feed. If configured, the peer can send a DTMF value of 1 during a call to switch to the video of the device at the current URL

### 4.2. Advanced > Relay

# Relay column is for Local Relay and Door Relay.

**Relay**

**Local Relay**

Relay

Name: Local Relay (11 / 14)    Relay Type: Open Door    Relay Delay: 2s

**Door Relay**

Button

Button1: Name: Lock 1, Type: DTMF, Value: #

Button2: Name: Lock 2, Type: DTMF, Value: 0

Button3: Name: , Type: , Value:

**Web Relay Action**

Button

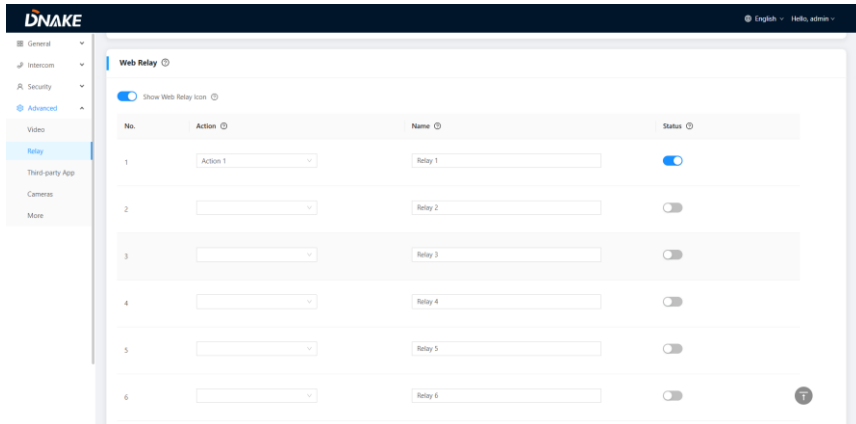
Button1: Name: Lock 3, Type: DTMF, Value: \*

IP Address: 0 / 25

Username: 0 / 32

Password: 0 / 64

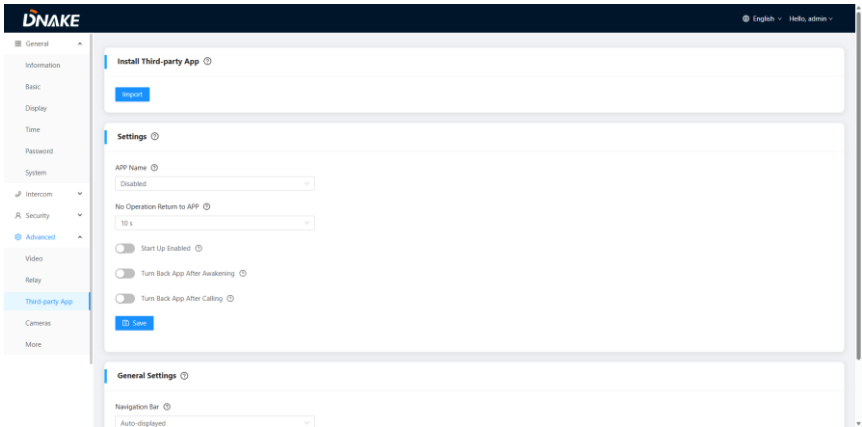
No.	Action
Action 1	http://192.168.17.103/cgi-bin/webapi.cgi?api=unlock&index=0&username=admin&password=E10ADC3948B459ABEE
Action 2	



Relay	Relay	Configure whether built-in relay is enabled. If configured, the relay can be seen on the device LCD.
	Name	Configure the name of the built-in relay
	Relay Type:	Type of local relay (Open Door is for lock/Chime Bell is for doorbell);
	Relay Delay:	The length of unlock delay time (1-9s);
Door Relay	Unlock Button 1-3:	Enable or disable relays for unlock buttons;
	Name:	Customize name for unlock button;
	Type:	Type 1-3: 3 types of unlock way are optional (Local Relay/DTMF/HTTP) HTTP—the format is <code>http://192.168.3.119/cgi-bin/webapi.cgi?api=unlock&amp;index=2&amp;username=admin &amp; password=E10ADC3949BA59ABBE56E057F20F883E</code> ; <b>Note:</b> <ul style="list-style-type: none"> <li>• "192.168.3.119" is the IP address of Door Station;</li> <li>• The number "2" after "index=" is the number for relay. (Relay 1 is 0; relay 2 is 1; relay 3 is 2);</li> <li>• "admin" here should be changed to your admin account;</li> <li>• "Password" is Password of admin;</li> <li>• "E10ADC3949BA59ABBE56E057F20F883E" here is MD5 (Message-Digest Algorithm) encrypted. Users need to use account password to encrypt and change it.</li> </ul>

		DTMF——Dual-tone multi-frequency signaling, Relay1: #, Relay2:0, relay3: *;
	Value	Configure the user to send DTMF value when clicking the unlock button in the device call page
Web Relay Action	IP Address	Configure the IP address of the Web Relay Action.
	Username	Configure the username for Web Relay Action authentication.
	Password	Configure the password for Web Relay Action authentication
	Action	Configure the action triggered by Web Relay. If configured, when the Web Relay action is triggered, the device will send instructions to this Web Relay.
Web Relay	Show Web Relay Icon	Configure whether to display the Web Relay function on the device LCD.
	Action	Configure the actions triggered by the Web Relay buttons on the device's LCD.
	Name	Configure the name of the Web Relay buttons on the device's LCD.
	Status	Configure whether to enable the Web Relay button on the device LCD.

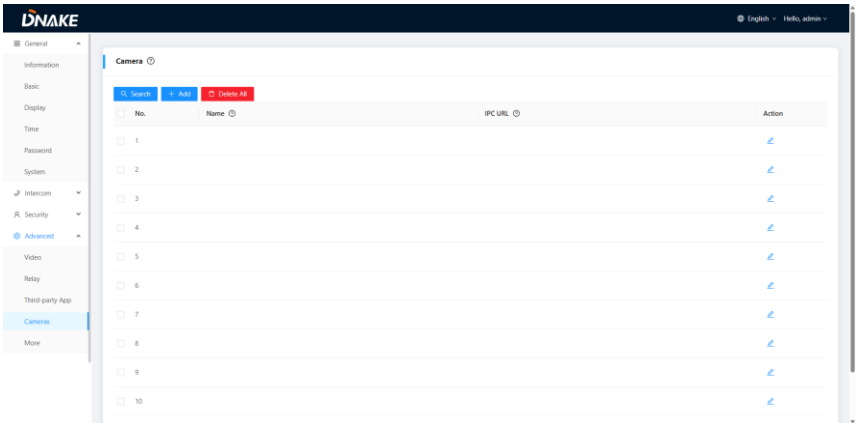
### 4.3. Advanced > Third-party APP



Install Third-party App	Import	Install 3rd-party apps on Indoor Monitor. Click Import to select apk. file and install.
Settings	APP Name	Select whether to display the application name. You can choose between Disabled and Browser modes.
	No Operation Return to APP	Configure the time (Seconds) for the device to automatically return to the third-party app after no operation.
	Start Up Enabled	Configure the third-party app that automatically starts after the device is power on.
	Turn Back App After Awakening	Configure whether the device automatically returns to the third-party app after the screen is re-awakened.
	Turn Back App After Calling	Configure whether the device returns to the third-party APP after ending the call.
General Settings	Navigation Bar	Configure whether to display the system navigation bar when the third-party app is running on the screen.

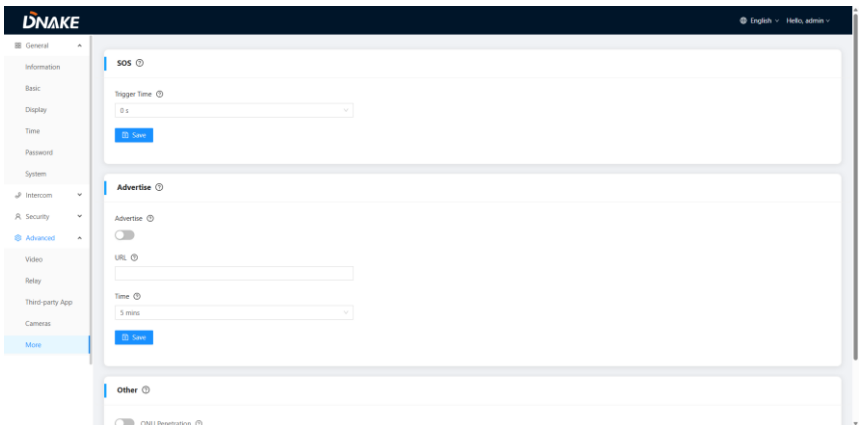
#### 4.4. Advanced > Cameras

You can enter the IP address of Indoor Monitor in the web browser search bar and log in with the default account (user) and password (1234). This is where you can add IPC.



#### 4.5. Advanced > More

More column is for SOS and Wallpaper.



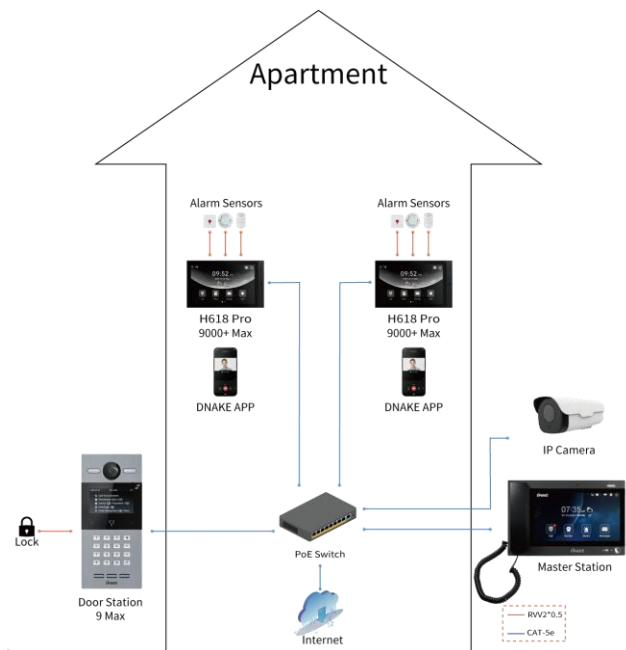
SOS

SOS:

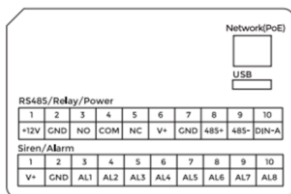
Trigger Time can be set to 0s and 3s. If the time is set to 3s, users need to press the SOS icon for 3s to

		send out SOS in case of a wrong operation alarm.;
Advertise	Advertise:	Enable or disable the device's advertising feature
URL	URL:	The URL of the advertisement displayed on the device.
Time	Time	Configure the time (minute) to play advertisements
Other	ONU Penetration	Configure the ONU penetration function of the device.

# SYSTEM DIAGRAM



# DEVICE WIRING

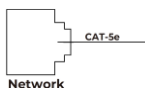


H618 Pro

## 1. Network (PoE)

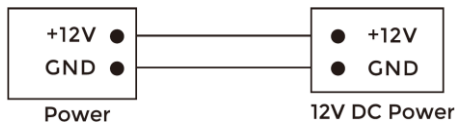
Standard RJ45 interface is used to be connected to the Master Station, Indoor Monitor and/or other network equipment.

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.

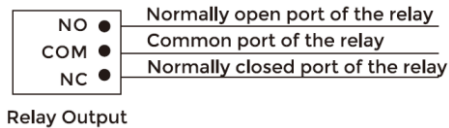


## 2. Power

The power interface of Indoor Monitor connects to 12V DC power.

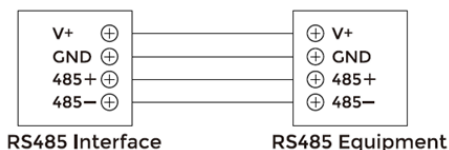


## 3. Relay Output



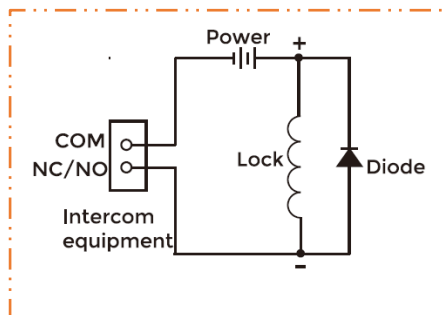
#### 4. RS485

Enable to connect equipment with RS485 interface. RS485 interface can output 12V/100mA power supply. If RS485 equipment to be connected doesn't require the power supply, there is no need to connect to +12V.



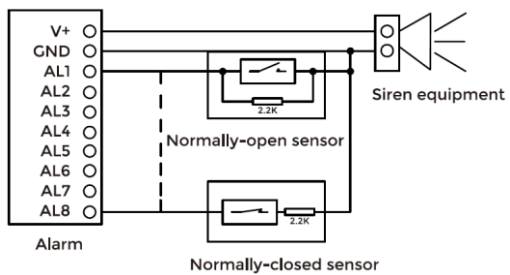
#### ⚠ Warning!

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.



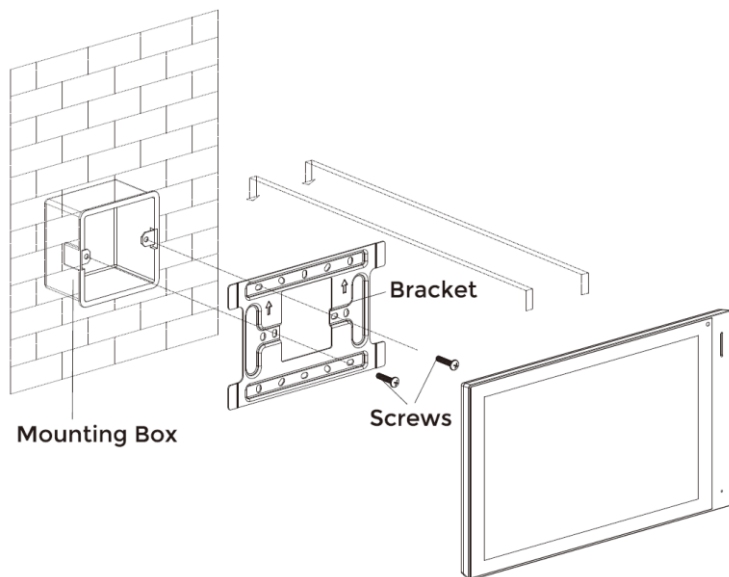
#### 5. Siren/Alarm

Interface of alarm zones connects with normally-open or normally-closed switch. When the alarm zone is triggered, it will output 12V/100mA power.



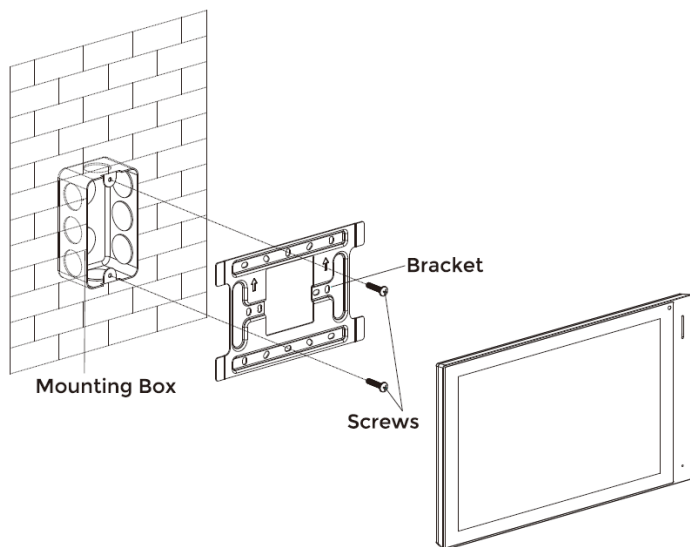
# INSTALLATION

## Surface Mounting-86 Mounting Box



Product size: 264.3 × 160 × 11.8 mm  
Surface Mounting size: 264.3 × 160 × 21.6 mm

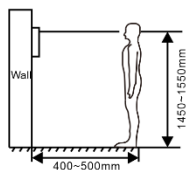
## Surface Mounting-118 Mounting Box



Product size: 264.3 × 160 × 11.8 mm

Surface Mounting size: 264.3 × 160 × 21.6 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 flopper 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**

 **DNAKE**