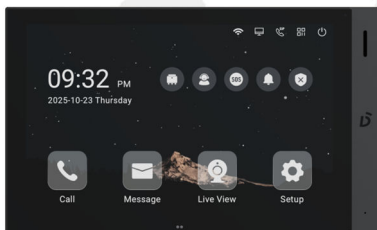


DNAKE



User Manual

H218



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

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PRODUCT FEATURE

1. 10.1-inch IPS capacitive touch screen
2. Powered by PoE or power adapter (DC12V/2A)
3. Optional Dual Ethernet
4. Optional Wi-Fi
5. Support Monitoring 16 IP Cameras
6. Support TF card

TECHNICAL PARAMETER

System: Linux

Front Panel: Aluminum + Plastic

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

RAM: 128 MB

ROM: 128 MB

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

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: H218



H218



Wiring Cover



PM4x20 (2 pcs)



Diode (8 pcs)



Wires

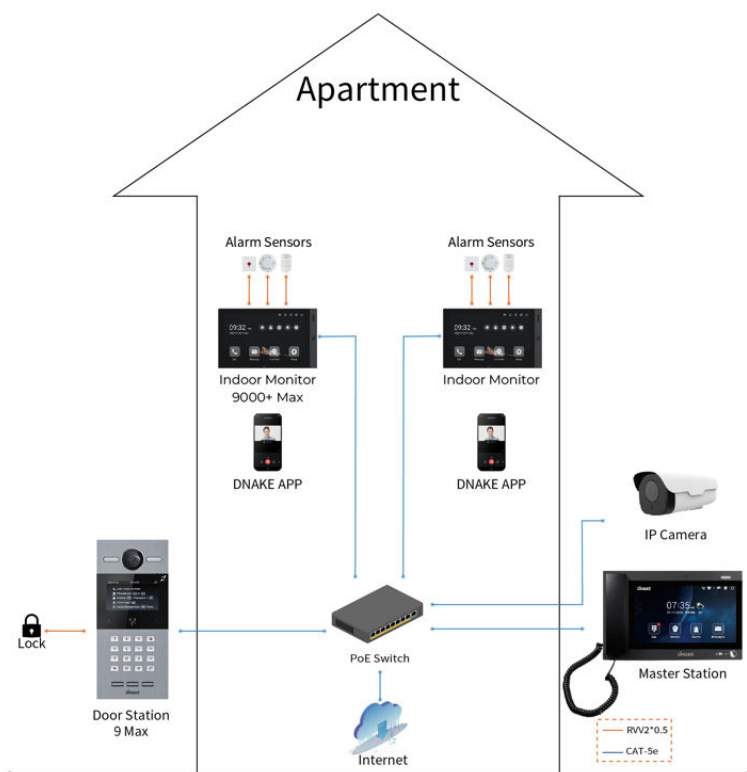


Quick Start Guide

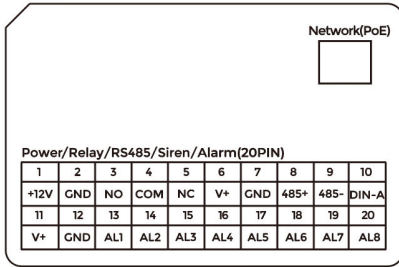
OVERVIEW



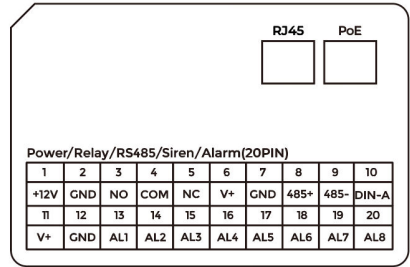
SYSTEM DIAGRAM



DEVICE WIRING



Single Network Port



Dual Network Ports

1. Network (PoE)

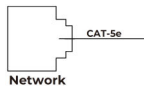
Single Port:

Network (PoE) interface is for the connection with PoE switch or other network switch.

Dual Port:

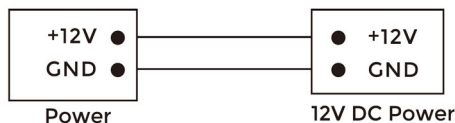
1. RJ45 interface is for providing the power and network for Villa Station (special version) directly from this Indoor Monitor, so Villa Station doesn't need extra power adaptor.
2. PoE interface is for the connection with PoE switch or other network switch.

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.

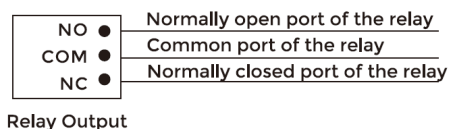


2. Power

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

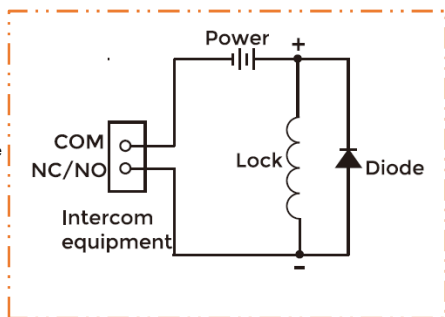


3. Relay Output



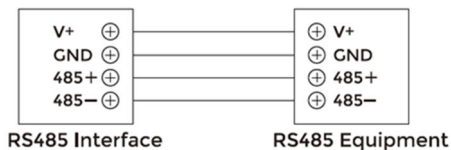
⚠ Warning!

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.



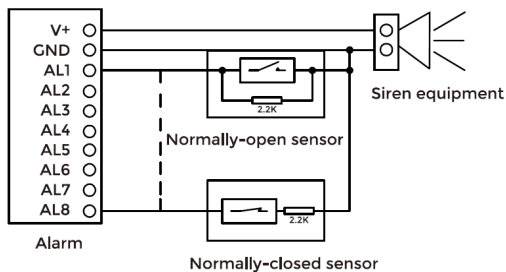
4. RS485

Enable 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.



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.



BASIC OPERATION

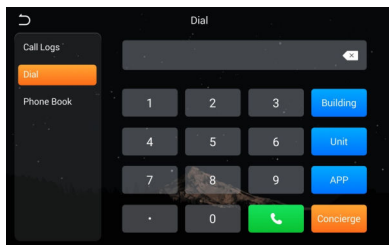
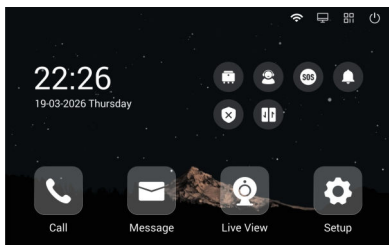
1. Call

1.1. Dial

Go to Call, select 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). Press Concierge here to call Master Station.

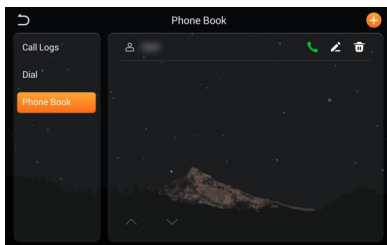
Press the APP button to directly call the Smart Pro app on your smartphone.

Residents can also use the Smart Pro to call the indoor monitor.



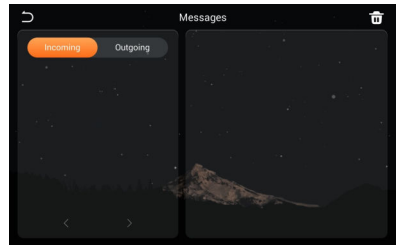
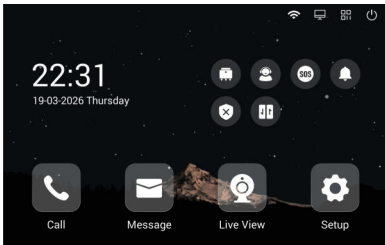
1.2. Phonebook

Go to Call and select Phonebook. Select the name on the phonebook and press Dial button to call, Edit button to edit and Delete button to delete.

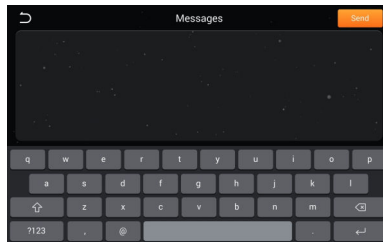


2. Message

Indoor Monitor can receive the messages sent by the CMS, Master Station or Indoor Monitor. Up to 64 records can be received in SMS.

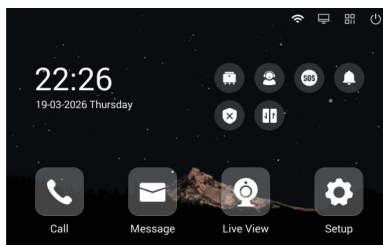


Click + icon on Outgoing page. Users can send message to Indoor Monitor or Master Station. Before sending message, users need to fill in the receiver's IP address on Indoor Monitor webpage (Concierge IP in Intercom > Call column).



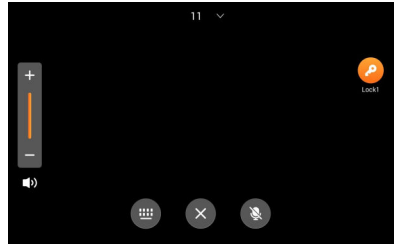
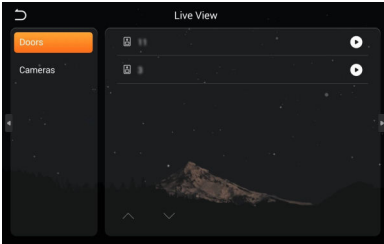
3. Live View

Click the Live View button on the main interface to monitor the video from Door Stations or Cameras in real time;



3.1. Doors

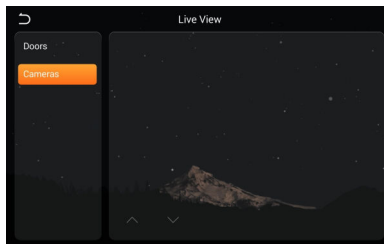
On the Doors page, you can unlock the door by clicking the door icon or switch to other devices by clicking the arrow or the device name above.



3.2. Cameras

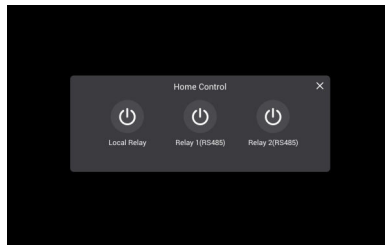
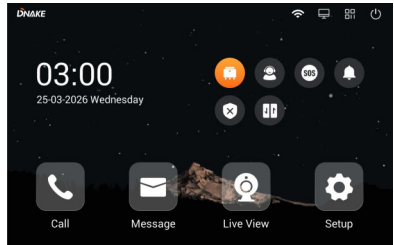
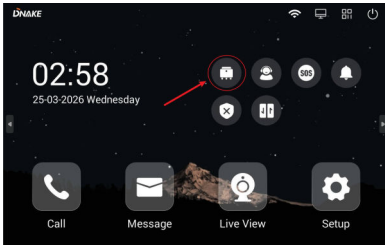
While on the Cameras page, Up to 16 IPC can be added. Users can log in to the Indoor Monitor's web page to configure the camera's RTSP stream, or go to the Camera settings page to add RTSP manually, or use the ONVIF protocol to search for available cameras. You can switch to monitor other devices by clicking arrow or the name above.

After the indoor monitor is registered to the cloud, residents can view live video streams via the Smart Pro app.



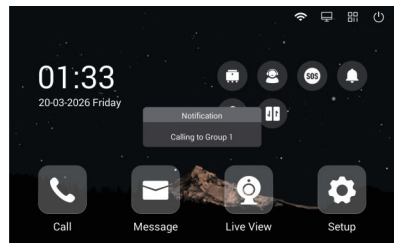
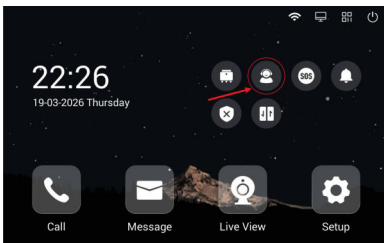
4. Home Control

Press Local Relay icon to release local relay. Supports adding an external DNAKE UM5-F19 relay. After connection and configuration in Web Setting, up to 2 external relays are supported.



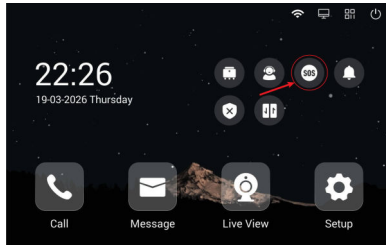
5. Concierge

Press the Concierge icon to call Master Station one by one and the indoor monitor also supports calling multiple Master Station across different local networks.



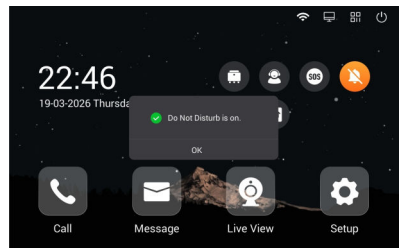
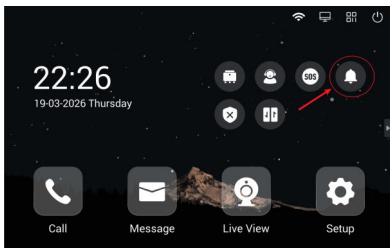
6. SOS

Users can press SOS icon on the right upper corner 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.



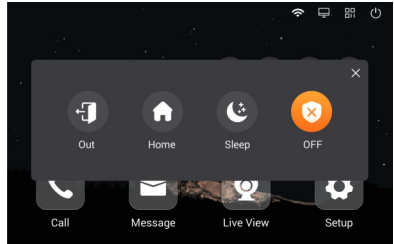
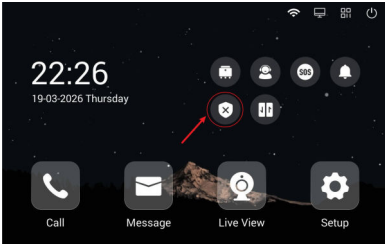
7. DND

Click DND icon on the right upper corner to enable do not disturb function. No calls can call in. Users can set DND to turn on whole day or a period of time.



8. Security

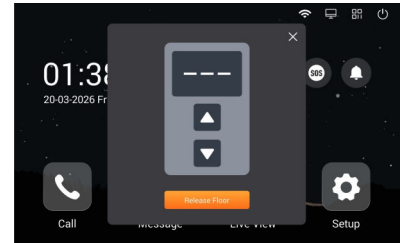
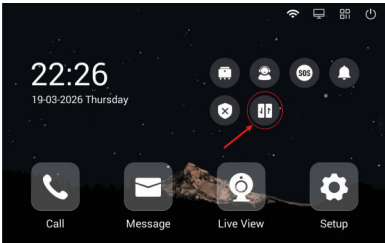
Security is for sensors. The default password is 1234.



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;

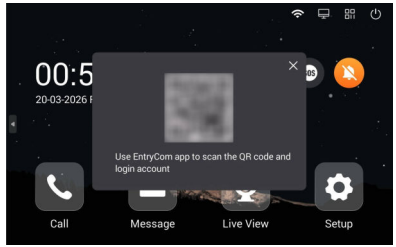
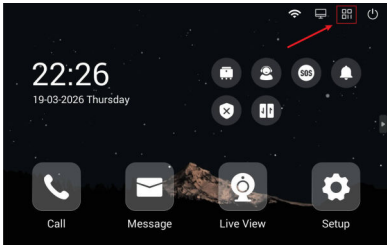
9. Elevator

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



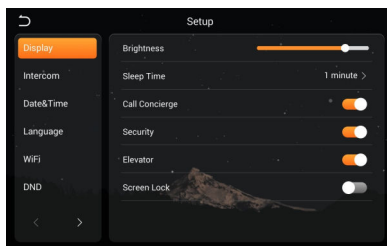
10. QR Code

Click QR Code and scan by Smart Pro 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.



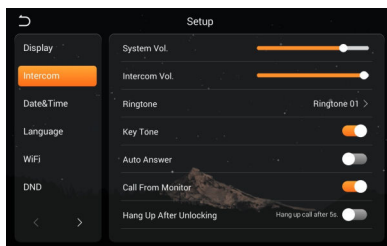
DEVICE SETTING

1. Display



Brightness:	Screen brightness adjustment;
Sleep Time:	Screen sleep time (15s, 30s, 1min, 2mins, 5mins, 20mins, 30mins);
Security	Security function toggle on the Home Page.
Elevator	Elevator function toggle on the Home Page.
Screen Lock:	The screen will be locked after screen off timeout (Unlock password is security password. The default password is 1234);

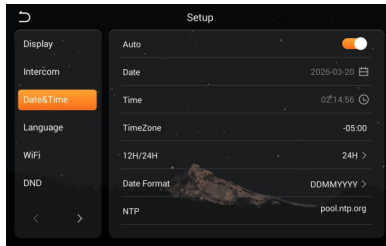
2. Intercom



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 key tone (Enable or disable);
Call From Monitor:	Enable to receive the call from other indoor monitors.
Auto Answer:	Pick up automatically when receiving a call;
Hang Up After Unlocking:	Hang up automatically after unlocking doors.

3. Date & Time



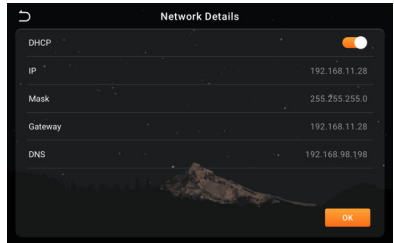
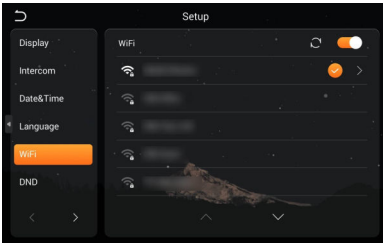
Auto:	Enable to synchronize computer time;
Date & Time:	Date and time can be set manually;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Select 12H or 24H format to display on the device;
Date Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);
NTP:	Network Time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

4. Language



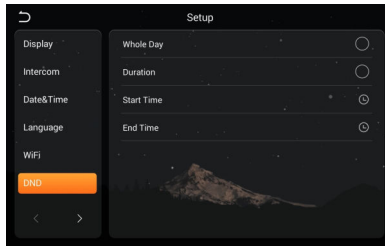
Language:	19 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türkçe, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský, Українська, فارسی, 日本語);
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5. Wi-Fi



Wi-Fi:	Enable to use Wi-Fi and refresh Wi-Fi page
SSID:	Select Wi-Fi and enter Wi-Fi password to connect
Network Detail	Enable or disable DHCP function. The network information of Wi-Fi that device connected

6. DND

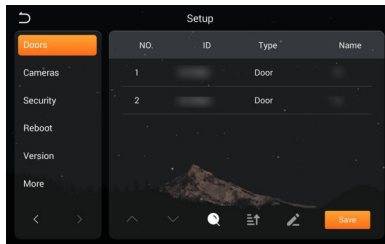


DND:

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.

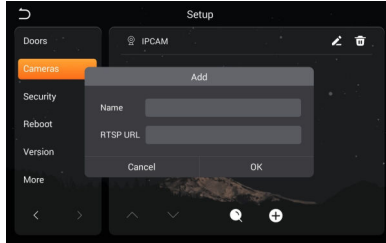
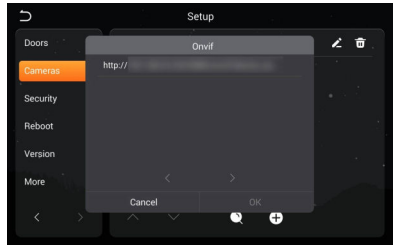
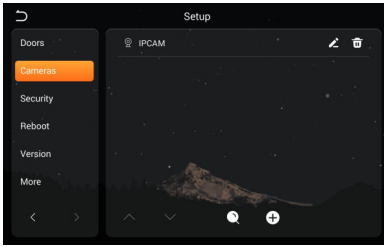
7. Doors

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



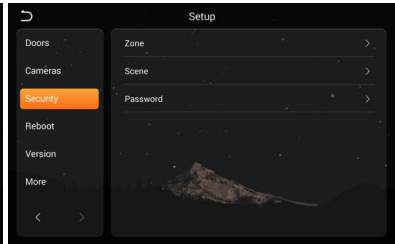
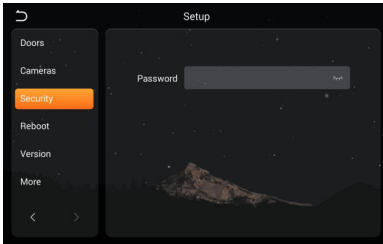
8. Cameras

Click the Search button to discover devices on the same IP subnet that support the ONVIF protocol; you can also click Add to manually enter the camera's RTSP information.



9. Security

Enter the password to access and manage the Security page; the default password is 123456



9.1. Zone

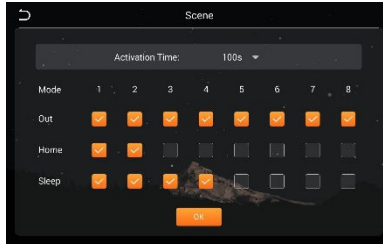
A screenshot of the 'Zone' configuration page showing a table with 5 rows and 5 columns. The columns are 'NO.', 'Type', 'Mode', 'Delay', and 'Sensor'. Each cell contains a value, and there are dropdown arrows next to 'Type', 'Mode', 'Delay', and 'Sensor'. An 'OK' button is at the bottom right.

NO.	Type	Mode	Delay	Sensor
1	24 Hour	30	0s	Smoke
2	24 Hour	30	0s	Smoke
3	24 Hour	30	0s	Smoke
4	24 Hour	30	0s	Smoke
5	24 Hour	30	0s	Smoke

Type:	<ul style="list-style-type: none"> • 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"> ○ 100 seconds is the default activation time, it means the alarm will be activated after 100 seconds. ○ After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station. ○ 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); • 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); • 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);
Mode:	<ul style="list-style-type: none"> • 3C: for the sensor with 2.2KΩ resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally; • NO: normally open; • NC: normally closed; • BELL: in BELL mode, Master Station will not receive any alarm. Indoor Monitor is regarded as a doorbell receiver;
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>

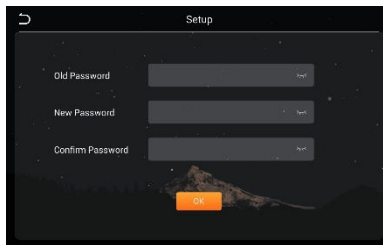
	Delay setting is only effective for Normal type (0s, 5s, 15s, 20s, 25s, 40s, 60s);
Sensor:	Sensor types (Smoke, Gas, PIR, Door, Window, Panic, Flood, Pull Cord, Bedside);

9.2. 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;

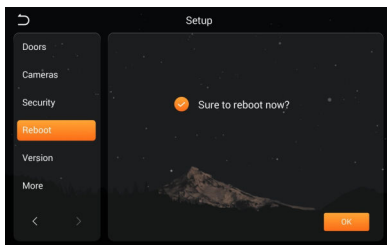
9.3. Password



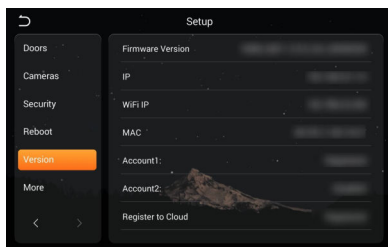
Old:	Current security password of the Device (Default 123456);
New:	New security password of the Device;
Confirm:	Confirm security password of the Device;

10. Reboot

You can click “OK” to reboot indoor monitor.



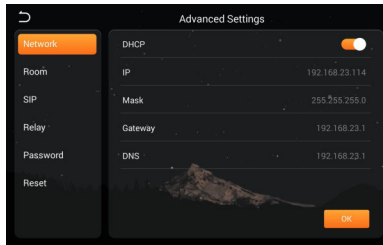
11. Version



Firmware Version:	Firmware version of the device;
IP:	Current 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.

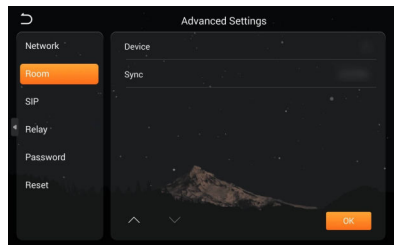
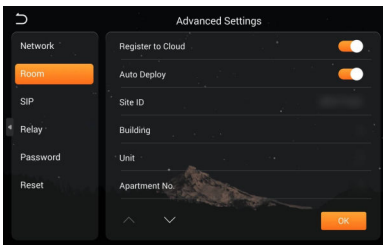
12. More > Network

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;

13. More > Room



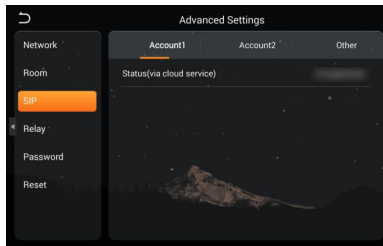
Register to Cloud	Toggle switch for enabling or disabling the device's Register to Cloud function.
Auto Deploy	Toggle switch for enabling or disabling the Auto Deploy function.

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;

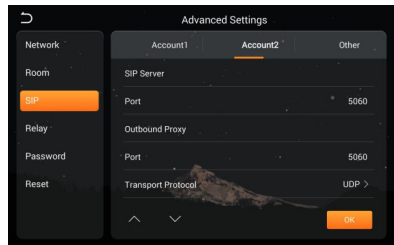
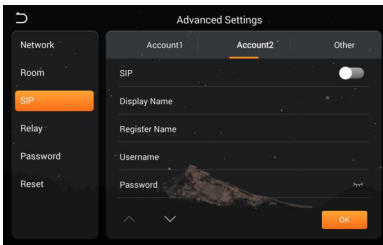
14. More > SIP

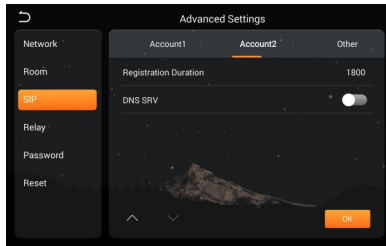
14.1.Account 1

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.



14.2.Account 2

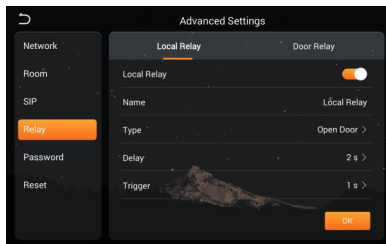




SIP:	Enable to use SIP;
Display Name:	Display name of SIP account;
Register Name:	Register Name of SIP account;
Username:	Username of SIP account;
Password:	Password of SIP account;
SIP Server Host:	Directly fill in SIP server's address e.g., 192.168.68.90; The default port is 5060;
Outbound Proxy:	Outbound 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;

15. More > Relay

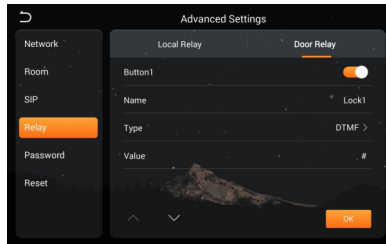
15.1. Local Relay



Local Relay	Toggle switch for enabling or disabling the Local Relay function.
-------------	--

Name	Name of Local Relay
Type	It is used to configure the type of built-in relay. Open Door: If configured, detailed parameters need to be configured. Chime Bell: If configured, the external bell will ring when the device receives an incoming call
Delay	It is used to configure the time (second) after the built-in relay receives the command before triggering the action
Trigger	It is used to configure the duration (second) of IP Relay's execution

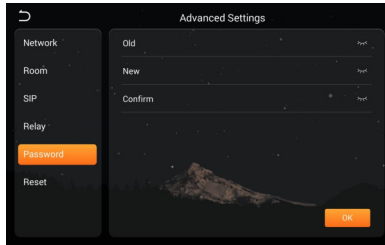
15.2. Door Relay



Button 1	It is used to configure whether the device call page displays the unlock button. If use DNAKE door station, the number of unlocks on the device will be based on the configuration of door station. If not, the number of unlocks on the device will be based on the configuration of indoor monitor
Name	Name of Door Relay
Type	It is used to configure the type of unlock button in the device call page. Local Relay: When the unlock button is clicked, the device relay unlock is triggered. DTMF: When the unlock button is clicked, a DTMF command is sent to the call peer. HTTP: When the unlock button is clicked, an HTTP command is triggered. Action: When the

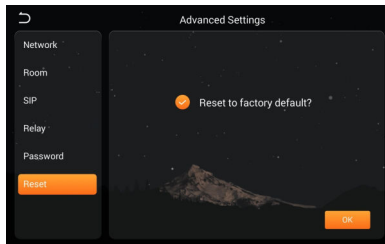
	unlock button is clicked, an Action command is triggered
Delay	It is used to configure the time (second) after the built-in relay receives the command before triggering the action
Value	It is used to configure the user to send DTMF value when clicking the unlock button in the device call page

16. 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;

17. More > Reset

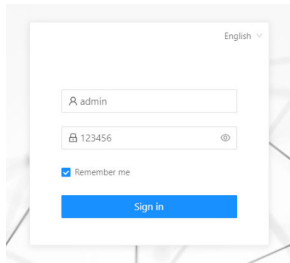


Reset:	Reset to factory default;
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WEB SETTING

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.

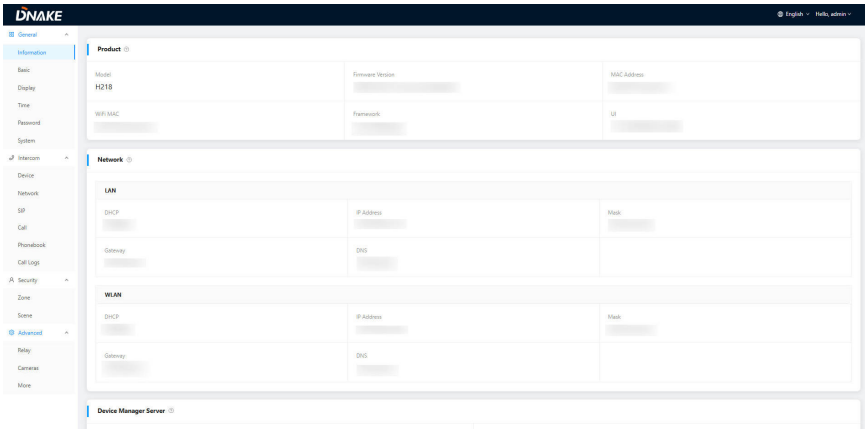
To get the IP address, you can search by Remote Upgrade Tool installed in the same LAN with the devices.



1. General

1.1. General > Information

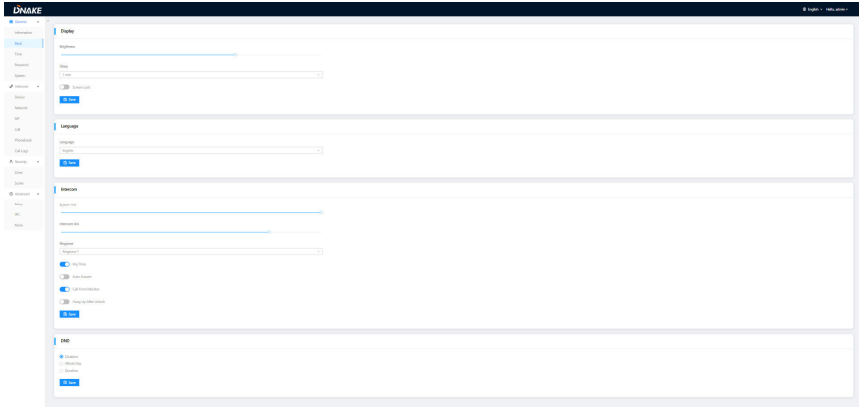
When you first log in to the web interface, you can find basic information displayed in this dashboard.



Model:	Model of the device;
Firmware Version:	Firmware version of the device;
MAC Address:	MAC address of the device;
Wi-Fi MAC	MAC address of Wi-Fi device connected
Framework:	Framework of the device;
UI:	UI version 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;
Node	Node information of the management server to which the device is connected
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.

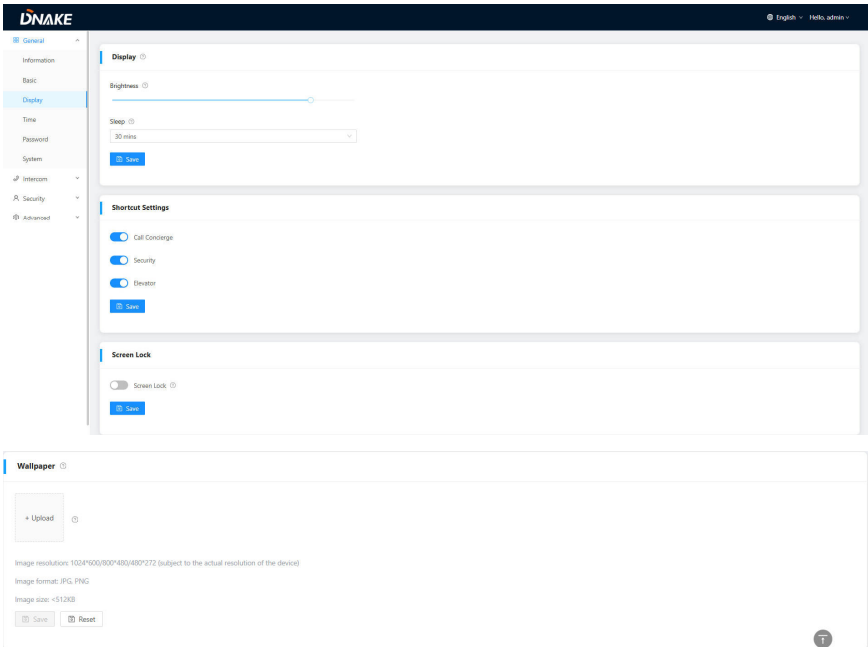


Language:	19 languages supported (简体中文, English, 繁體中文, עברית, Deutsch, Español, Türkçe, Tiếng Việt, Nederlands, Português, Polski, Русский, عربي, Français, Italiano, slovenský, Українська, فارسی, 日本語);
Add Language	Supports downloading language source files and uploading custom language packages, with a maximum of 3 custom languages allowed.
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 key tone (Enable or disable);
Auto Answer:	Pick up the phone automatically when receiving a call;
Call From Monitor:	Enable to receive the call from other indoor monitors.

Hang Up After Unlocking:	Hang up automatically after unlocking doors.
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

Configured device display and screen setting.

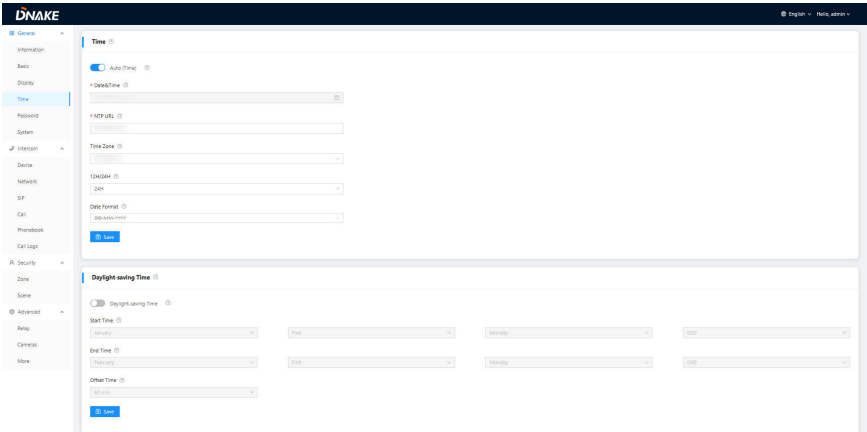


Brightness	Screen brightness adjustment, can be set from 1-100;
Sleep	The time when the device enters sleep mode (15s, 30s, 1min, 2mins, 5mins, 20mins, 30mins),

Shortcut	Toggle switches for enabling or disabling the Call Concierge, Security, and Elevator shortcuts on the device interface.
Screen Lock	The screen will be locked after screen off time out (Unlock password is security password. The default password is 1234);
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;

1.4. General > Time

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

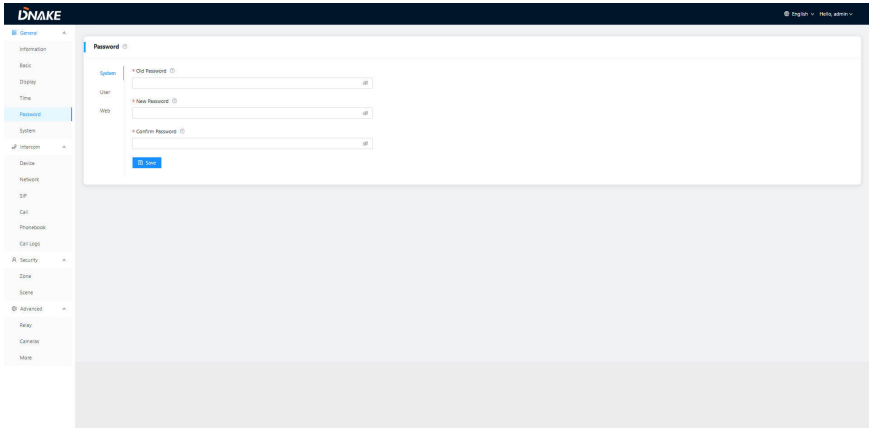


Auto (Time):	Enable to synchronize computer time;
Date & Time:	Date and time can be set manually;
NTP URL:	Network Time Protocol (NTP) is a protocol used to synchronize NTP time;
Time Zone:	A region that observes a uniform standard time;
12H/24H:	Select 12H or 24H format to display on the device;

Date Format:	3 time formats supported (YYYY-MM-DD, DD-MM-YYYY, MM-DD-YYYY);
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;

1.5. 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.

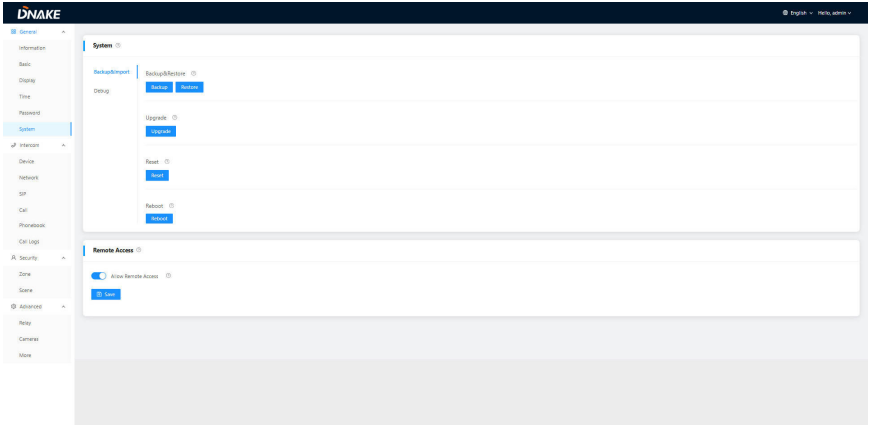


System Old Password:	Current administrator password of the Device (Default 123456);
System New Password:	New administrator password of the Device;
System Confirm Password:	Confirm administrator password of the Device;
User Old Password:	Current security password of the Device (Default 1234);
User New Password:	New security password of the Device;

User Confirm Password:	Confirm security password of the Device;
Web 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 factory default and device reboot.



Backup & Restore	Back up or restore system configuration and files
Upgrade	Upload upgrade .img format file to update the firmware version of the device
Reset:	Reset to factory settings;
Reboot:	Reboot the device;
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.

The screenshot shows the DNAKE web interface. The top navigation bar includes the DNAKE logo and a language dropdown set to English. A left sidebar contains a menu with categories: Information, Basic, Display, Time, Password, System, Intercom, and Advanced. Under Intercom, the 'Device' option is selected. The main content area is divided into two sections: 'Device Manager Server' and 'Device'. The 'Device Manager Server' section has a 'Register to Cloud' toggle (checked), a 'State: Western America (Connected)' indicator, and a 'Save' button. The 'Device' section has an 'Automatic deployment' toggle (checked) and several input fields: 'Site ID', 'Device Name', 'Building No.', 'Unit No.', 'Apartment No.', and 'Device No.'. There is also a 'Sync' button and a 'Save' button at the bottom of the 'Device' section.

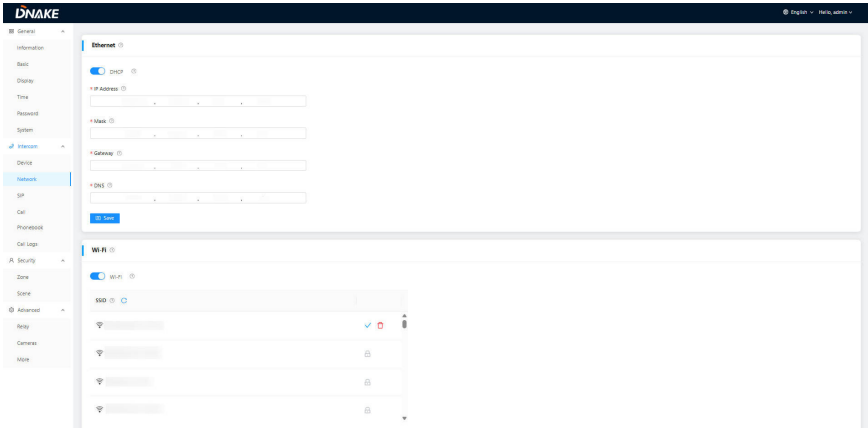
Device Manager Server

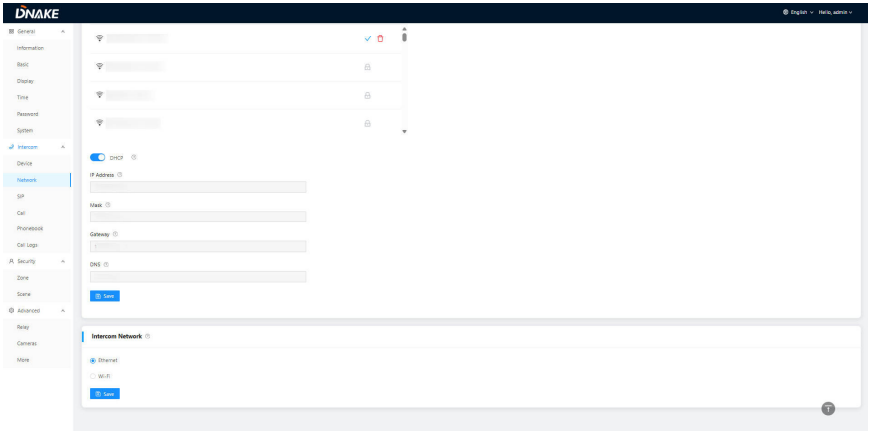
Configure the device to register to the cloud server

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.





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

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.

DNAKE English Help, Admin

Account1 Unregistered

Status (Last service): unregistered

Account2

Disabled

Display Name

Register Name

Username

Password

SIP Server Host

Outbound Proxy

Registration Duration

Transport Protocol

SIP SIP over WebRTC

DNAKE English Help, Admin

Register Name

Username

Password

SIP Server Host

Outbound Proxy

Registration Duration

Transport Protocol

SIP SIP over WebRTC

Other

Ring Code

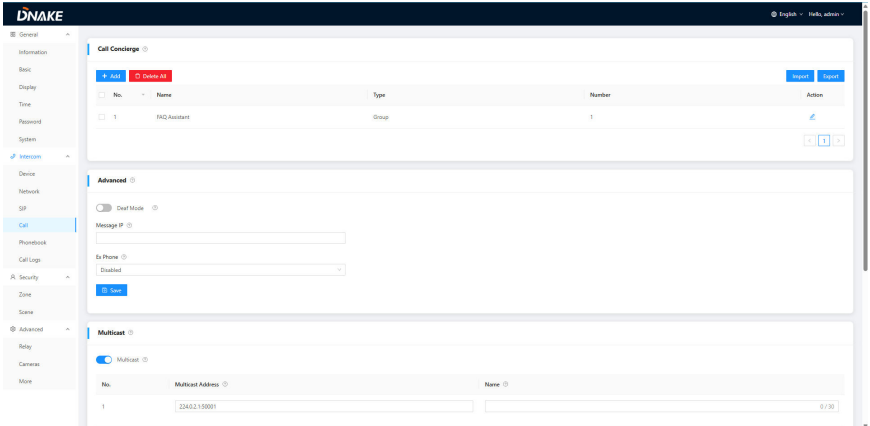
Video Support

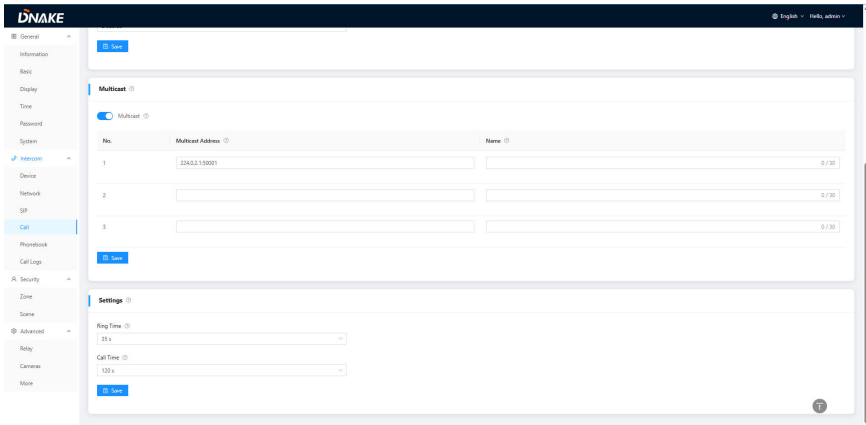
SIP:	Enable to use SIP;
Display Name:	Display name of SIP account;
Register Name:	Register Name of SIP account;
Username:	Username of SIP account;
Password:	Password of SIP account;
SIP Server Host:	Directly fill in SIP server's address e.g., 192.168.68.90; The default port is 5060;

Outbound Proxy:	Outbound Proxy server; the default port is 5060;
Registration Duration	Configure the registration duration when the device registers with the SIP server.
Transport Protocol:	Transport Protocol (UDP, TCP, TLS);
Ring Code:	Ring code. Without SDP or with (180 or 183);
Video Payload:	Video payload range is 96-127;

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.



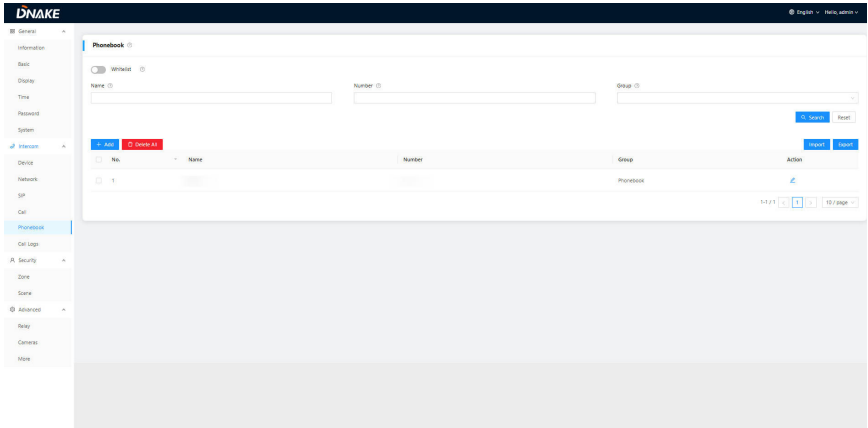


<p>Call Concierge</p>	<p>Click the Add button to add a concierge; you can choose from Group Call, IP Call, or SIP Call.</p> <ul style="list-style-type: none"> ● Group call: Fill in group (From 1-5) ● IP call: Fill in sip: IP address, e.g., sip:192.168.68.90; ● SIP call: Fill in sip: sip account@SIP server address: port, e.g., sip:101@192.168.68.90:5060; <p>Also can use Import to batch import concierge information and Export to export concierge data.</p>
<p>Deaf Mode</p>	<p>Configure whether the device is in deaf mode. If enabled, the device will ring when receiving an incoming call and output 12V voltage through the hardware interface to the external alarm at the same time.</p>
<p>Message IP:</p>	<p>Configure the address for receiving messages in the Message function of the device LCD.</p>
<p>Ex Phone:</p>	<p>Extend to more Indoor Monitors by filling in sip: IP address (6 Max) such as sip:192.168.68.90 (6 Max);</p>

Multicast:	Configure whether the device is enabled to receive multicast by master station.
Multicast Address	Configure the listening address.
Name	Configure the name of the listening address.
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

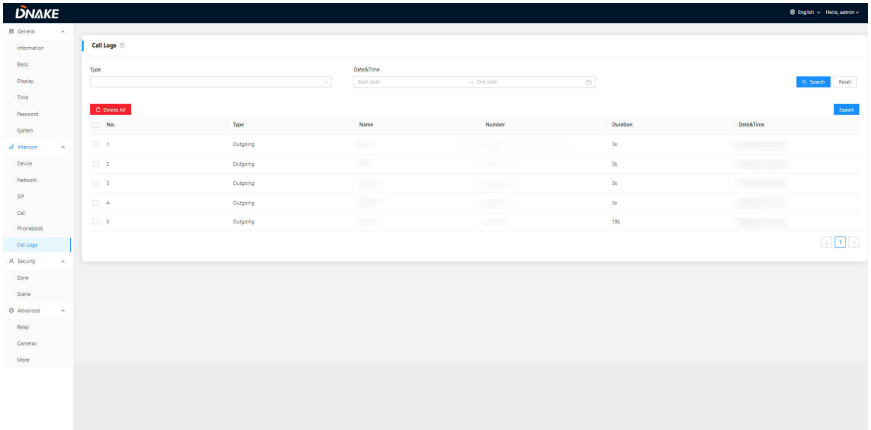
All contacts on Indoor Monitor can be edited here.



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.

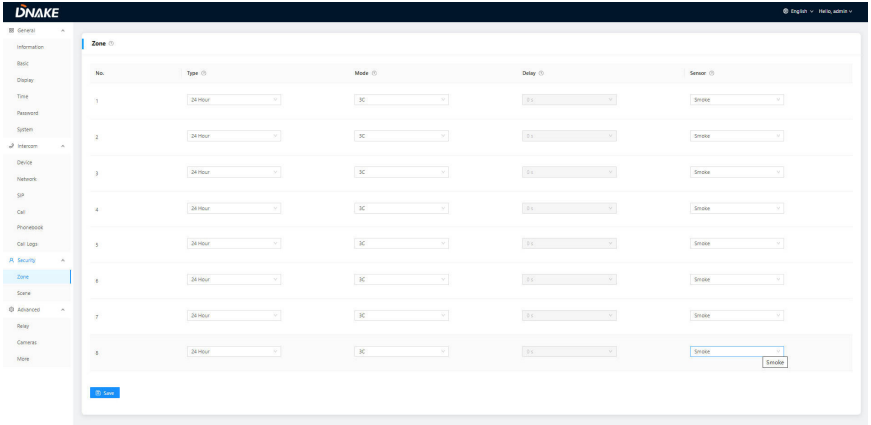


Search:	Fill in text inputs to search;
Reset:	Click reset to clear words in text inputs;
Delete All:	Delete all data on the chart;
Export:	Export all data on the chart;

3. Security

3.1. Security > Zone

Zone column is the setup page for security sensors.

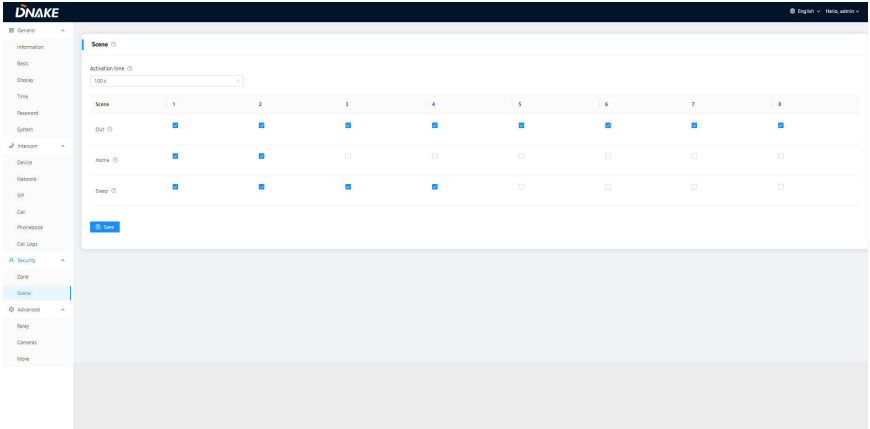


<p>Type:</p>	<ul style="list-style-type: none"> • Normal: When users enable an alarm scene on the On/Off page, Normal type alarm zone will be activated after activation time. <ul style="list-style-type: none"> ○ 100 seconds is the default activation time, it means the alarm will be activated after 100 seconds. ○ After 100s, once sensor is triggered, Indoor Monitor will send this alarm to Master Station. ○ 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); • 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); <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>
<p>Mode:</p>	<ul style="list-style-type: none"> • 3C: for the sensor with 2.2KΩ resistance; Regardless of the connection to NC or NO, the alarm can be triggered normally; • NO: normally open; • NC: normally closed; <p>BELL: in BELL mode, Master Station will not receive any alarm. Indoor Monitor is regarded as a doorbell receiver;</p>
<p>Delay:</p>	<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. Delay setting</p>

	ng 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, Bedside);

3.2. Security > Scene

Scene column is for security sensors' trigger conditions.



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 > Relay

Relay column is for Local Relay and Door Relay.

Local Relay

No.	Name	Zone	Relay Delay	Trigger	Relay
1	Local Relay	1(128)	2s	Customized	<input checked="" type="checkbox"/>

External Relay

No.	Name	Zone	Relay Delay	Trigger	Relay
1	Relay 1(55485)	1(128)	2s	Customized	<input type="checkbox"/>
2	Relay 2(55485)	1(128)	2s	Customized	<input type="checkbox"/>

Door Relay

Button	Name	Zone	Relay Delay	Trigger	Relay
1	Button 1				<input checked="" type="checkbox"/>
	1	Local1	3.72s	DTMP	<input type="checkbox"/>
	2	Local2	3.72s	DTMP	<input type="checkbox"/>
	3	Local3	3.72s	DTMP	<input type="checkbox"/>

External Relay

No.	Name	Zone	Relay Delay	Trigger	Relay
1	Relay 1(55485)	1(128)	2s	Customized	<input type="checkbox"/>
2	Relay 2(55485)	1(128)	2s	Customized	<input type="checkbox"/>

Door Relay

Button	Name	Zone	Relay Delay	Trigger	Relay
1	Button 1				<input checked="" type="checkbox"/>
	1	Local1	3.72s	DTMP	<input type="checkbox"/>
	2	Local2	3.72s	DTMP	<input type="checkbox"/>
	3	Local3	3.72s	DTMP	<input type="checkbox"/>

Relay Type:	Type of local relay (Open Door is for lock/Chime Bell is for doorbell);
Name	The name of the built-in relay
Zone	
Relay Delay:	The length of unlock delay time (1-9s);
Trigger	The duration (second) of IP Relay's execution
Activation	Whether built-in relay is enabled. If configured, the relay can be seen on the device
External Relay	

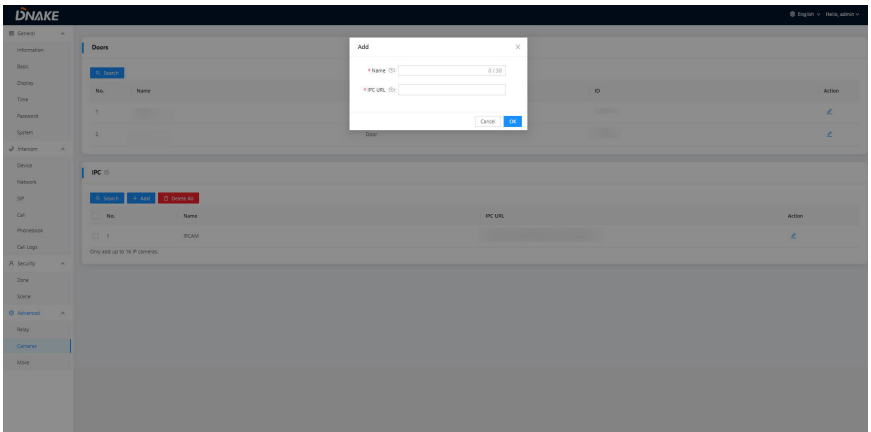
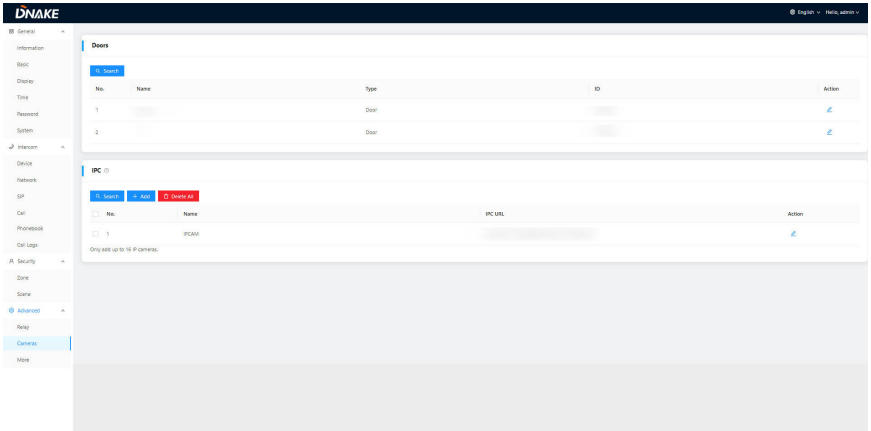
Unlock Button 1-3:	Enable or disable relays for unlock buttons;
Name:	Customize name for unlock button;
Type:	<p>Type 1-3: 3 types of unlock way are optional (Local Relay/DTMF/HTTP)</p> <p>HTTP——the format is http://192.168.3.119/cgi-bin/webapi.cgi?api=unlock&index=2&username=admin&password=E10ADC3949BA59ABBE56E057F20F883E;</p> <p>Note:</p> <ul style="list-style-type: none"> • "192.168.3.119" is the IP address of Door Station; • The number "2" after "index=" is the number for relay. (Relay 1 is 0; relay 2 is 1; relay 3 is 2); • "admin" here should be changed to your admin account; • "Password" is Password of admin; • "E10ADC3949BA59ABBE56E057F20F883E" here is MD5 (Message-Digest Algorithm) encrypted. Users need to use account password to encrypt and change it. <p>DTMF——Dual-tone multi-frequency signaling, Relay1: #, Relay2:0, relay3: *;</p>
Value	The user to send DTMF value when clicking the unlock button in the device call page

4.2. Advanced > Cameras

If you are using a DNAKE door station that supports monitoring, you can click the Search button to use the door station as a camera.

You also 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).

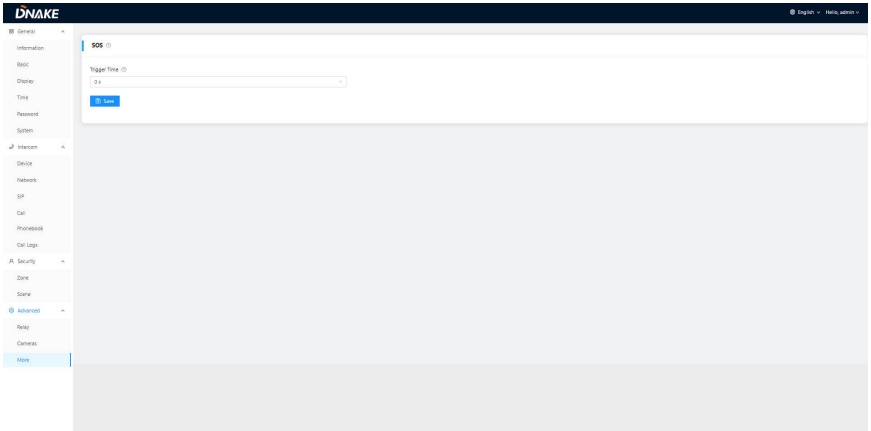
This is where you can add IPC.



Name	The name of door station
Type	The type of door station
ID	The device ID of door station
Name:	Customize name of IPC;
IPC URL:	Fill in IPC's RTSP stream;

4.3. Advanced > More

More column is for SOS

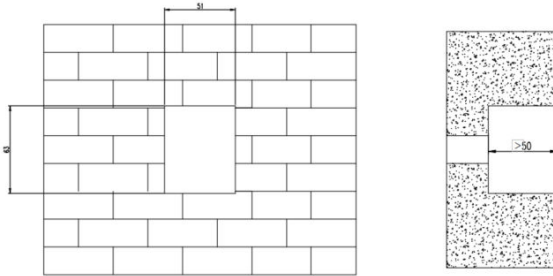


SOS:

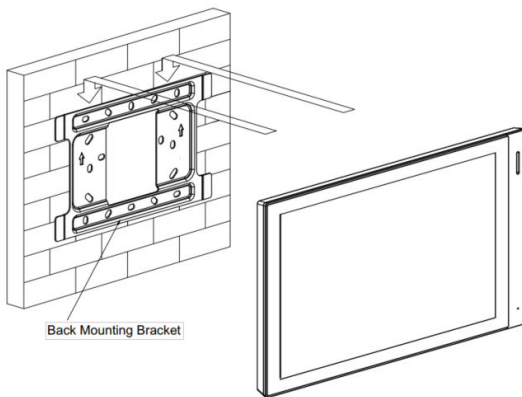
Trigger Time can be set to 0s and 3s. If the time is set to 3s, users need to press the SOS icon for 3s to send out SOS in case of a wrong operation alarm.;

INSTALLATION

Cut-out Dimension for Surface Mounting Box (Unit: mm)

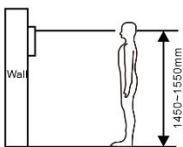


Monitor Surface Mounting:



Product size: : 264.3 x 160 x 12.8 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.
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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
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