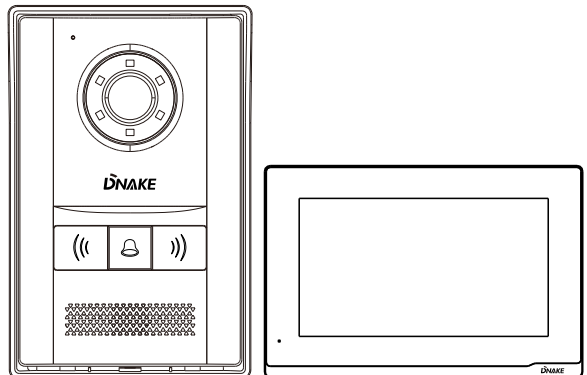


IP Video Intercom Kit

MODEL:

IPK01



USER MANUAL

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

Product Features	1
Package Contents	1
Pictures.....	2
Settings.....	3
System Configuration.....	20
System Diagram	21
Installation	25
Technical Parameters	28
Troubleshooting	30
Safety Instructions.....	32

**Please scan the following
QR code for more details.**



PRODUCT FEATURES

- Simple installation, maintenance & wiring
- One-touch calling, talking and unlocking
- Convenient remote control via mobile app
- Intuitive step-by-step configuration
- User-friendly navigation and interface
- CCTV and alarm integration
- Expandable with other intercom devices
- Standard PoE

PACKAGE CONTENTS

Please make sure the package contains the following items:

Contents of door station



Door Station



Screw Fixing Seat



Screw

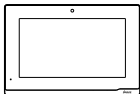


Screw Wrench

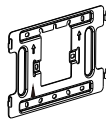


User Manual

Contents of indoor monitor



Indoor Monitor



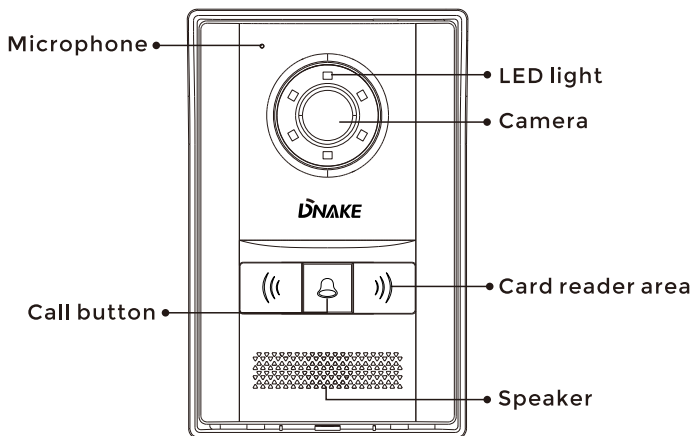
Bracket



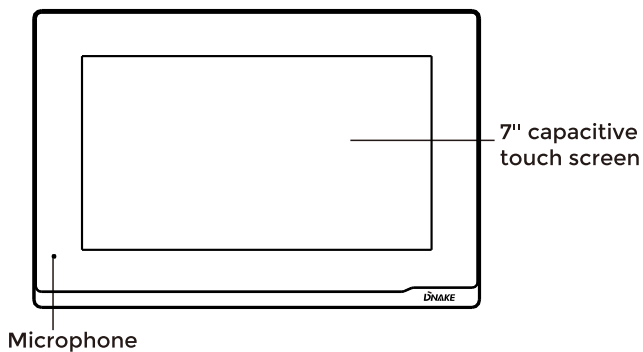
Screw

PICTURES

Door Camera



Indoor Monitor

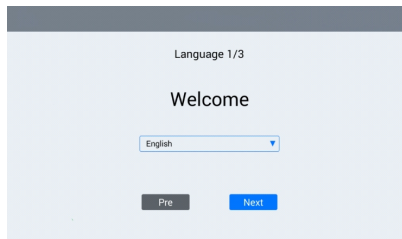


SETTINGS

1. Onboarding

1.1 Language 1/3

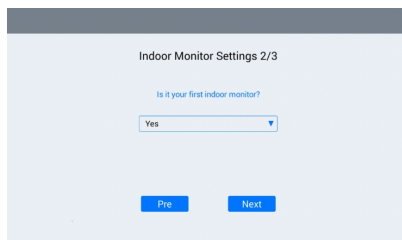
Language is the first setting. We have 16 kinds of languages (Chinese Simplified, Chinese Traditional, English, Spanish, German, Polish, Russian, Turkish, Hebrew, Arabic, Portuguese, French, Italian, Slovak, Vietnamese, and Dutch) for customers to choose. Click Next to move on.



1.2 Indoor Monitor Settings 2/3

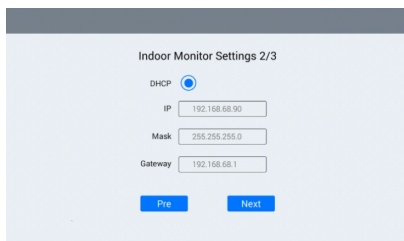
1. Is it your first Indoor Monitor?

If yes, this Indoor Monitor will be regarded as the main one. If no, your first Indoor Monitor will be the main one while this one will be the subordinate one.



2. Network of Indoor Monitor

Network of Indoor Monitor can be either dynamic or static. Select DHCP to enable dynamic network or fill in IP, Mask, and Gateway to set up static network for Indoor Monitor.



Indoor Monitor Settings 2/3

DHCP

IP

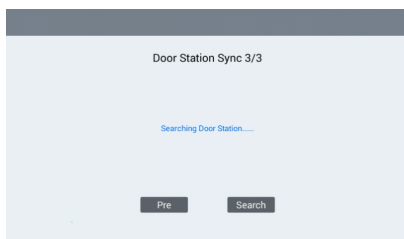
Mask

Gateway

1.3 Door Station Sync 3/3

1. Searching Door Station.

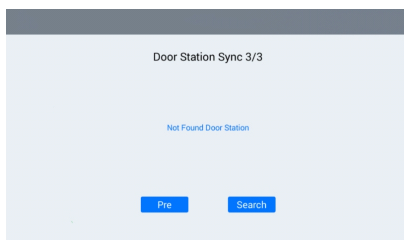
Door Station should be connected to the same LAN with Indoor Monitor when Indoor Monitor are searching Door Station.



Door Station Sync 3/3

Searching Door Station....

Please check network and devices if not found. Click Search to try again.

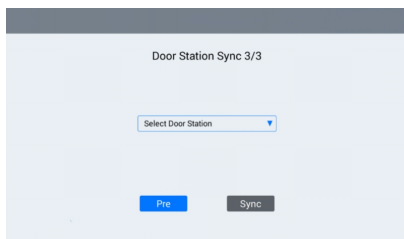


Door Station Sync 3/3

Not Found Door Station

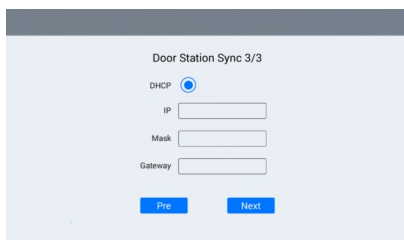
2. Select Door Station.

Select Door Station and MAC of Door Station will appear. Click MAC of Door Station to Sync.



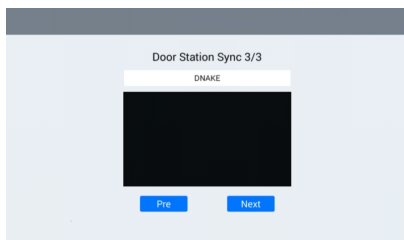
3. Network of Door Station

Network of Door Station can be either dynamic or static. Select DHCP to enable dynamic network or fill in IP, Mask and Gateway to set up static network for Door Station. Network segment should be the same as Indoor Monitor's when using static IP address. For example, IP address should be 192.168.0.** if IP address of Indoor Monitor is 192.168.0.**.



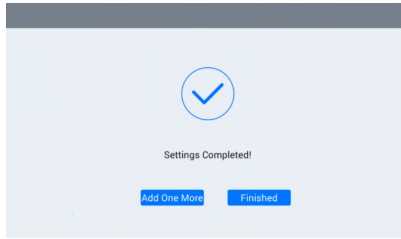
4. Name Door Station

A name should be given to Door Station to differentiate Door Station. Text box is above the preview video frame of Door Station.



5. Settings Completed

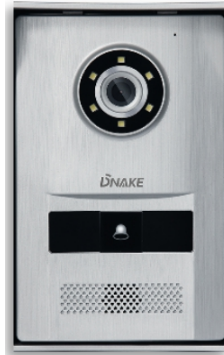
It's coming to an end here. All the basic settings are done.



2. Call Indoor Monitor by Door Station

2.1 Call Indoor Monitor by Door Station

1. Try to call Indoor Monitor. Press the Button on Door Station to make this call.



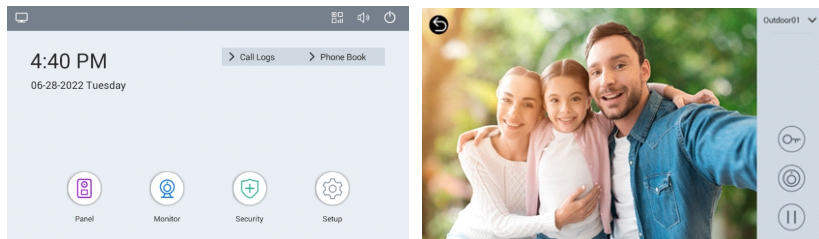
2. You can answer, reject, open the door, or speak with the visitor.



3. Monitor Door Station on Indoor Monitor

3.1 Monitor Door Station on Indoor Monitor

1. Try to call Indoor Monitor. Press the Button on Door Station to make this call.



2. If you have many devices connecting to Indoor Monitor, you need to switch devices in the upper right corner of the Panel page to watch the real-time pictures from Door Station. Before switching, you need to press Pause in the bottom right to make sure the smooth transition.



4. Add Cards by Admin Card

4.1 Add Cards by Admin Card

1. Add an admin card to the device:

After having finished Onboarding successfully, resident can tap a card to the card reader area of Door Station. Admin card is ready to be used to manage all cards.

2. Manage other cards by admin card:

a) Add other cards: Tap your admin card once and then tap other cards immediately. Other cards you have tapped can be used to open the door. Tap admin card again to finish.

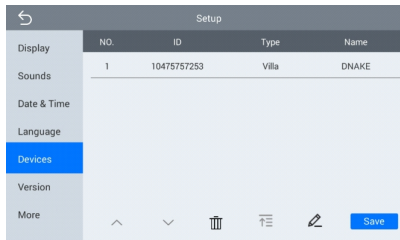
b) Delete other cards one by one: Tap your admin card twice and then tap other cards immediately. Other cards you have tapped will be deleted. Tap admin card again to finish.

c) Delete all other cards: Tap your admin card five times. All the other cards will be deleted.

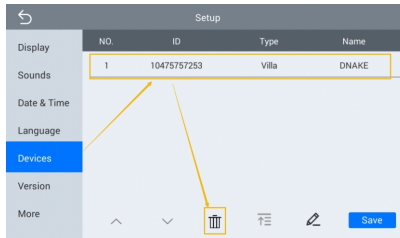
Please note that admin card can only be used to manage cards. It cannot be used to open the door.

3. Remove mistakenly added Admin card by factory defaulting Door Station.

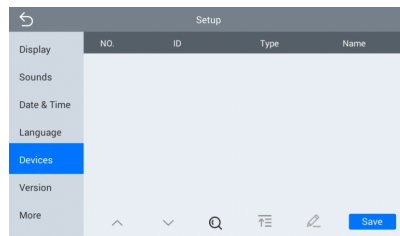
Step 1: Go to Setup>Devices.



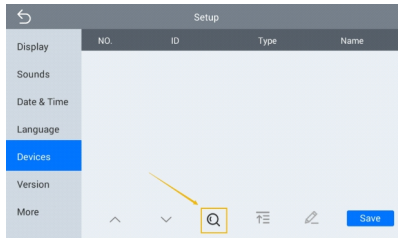
Step 2: Click Door Station and click trash bin to delete.



Step 3: Door Station will disappear which means Door Station has been factory defaulted, and admin card is removed.



Step 4: Click the little search icon below.



Step 5: Onboarding page will guide to set up Door Station. Please refer to 1.3 Door Station Sync 3/3.

5. IP Camera Monitoring

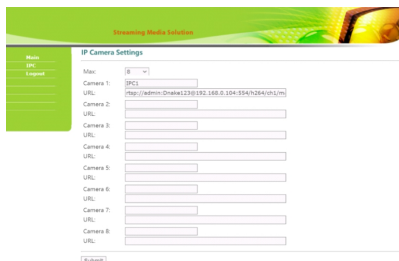
5.1 IP camera monitoring

1. Connect the Ethernet cable to both IP Camera and Indoor Monitor. Please keep them under the same LAN.

2. Add IP Camera to the Indoor Monitor on the website:

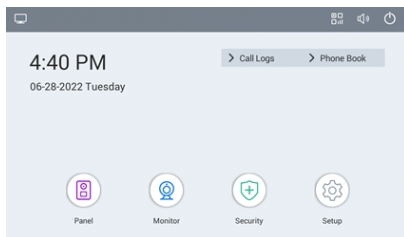
Step 1: You can double click IP address of the Indoor Monitor on the page of Remote Upgrade to open the website. You can also put Indoor Monitor's IP address in the browser's search bar to log in its webpage with account: user and password: 1234.

Step 2: Go to IPC to name IP camera and type in URL. URL contains account, password, and IP address. Make sure URL of the IP Camera is right. Do not forget to Submit. Please get your IPC rtsp stream URL from Internet or IPC provider.

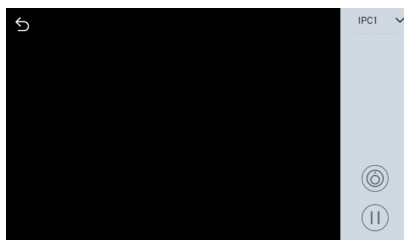


3. Monitor IP Camera on Indoor Monitor

Step 1: Go to home page of Indoor Monitor.



Step 2: Click Monitor to enter the monitoring page and click the upper camera icon to monitor the camera.



The followings are introductions about the buttons to control monitoring of cameras:

The name of IP Camera is in the upper right corner for switching the cameras.

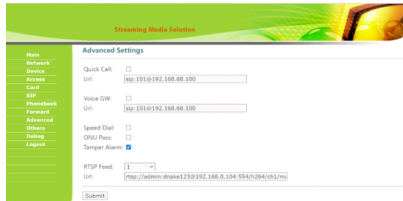
The upper camera icon is for starting monitoring and the pause key is down below.

5.2 Switch the video between Door Station and IP camera

1. Connect the Ethernet cable to IP Camera, Door Station, and Indoor Monitor. Please keep them under the same LAN.
2. Add IP Camera to Door Station on the website:

Step 1: You can double click IP address of the Door Station on the page of Remote Upgrade to open the website. You can also put Door Station's IP address in the browser's search bar to log in its webpage with account: admin and password: 123456.

Step 2: Go to Advanced to select RTSP Feed and type in URL. URL contains account, password, and IP address. Make sure URL of the IP Camera is right. Do not forget to Submit.



3. Switch the video between Door Station and IP camera.

Step 1: Call Indoor Monitor by Door Station and answer the call on Indoor Monitor.



Step 2: Click the little Keyboard icon.

Step 3: You can switch the video between Door Station and IP camera by clicking number 1 and number 2 on the keyboard of the Monitoring screen you have just unfolded. You can open the door by pressing * and #.



Step 4: Click the little Keyboard icon to fold the keyboard panel so that you can see the whole monitoring screen.

6. Add Door Station to Resident's Phone

6.1 Download Smart Life app

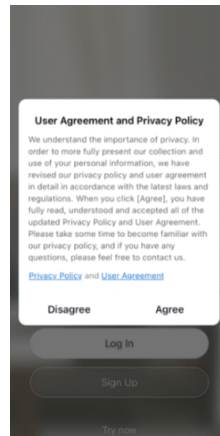
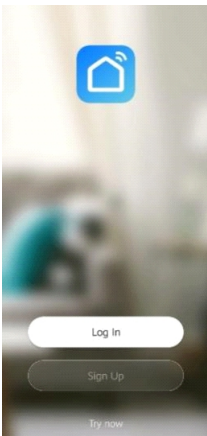
Resident can download the Smart Life app by searching for Smart Life in app store, Google Play Store or by scanning the following QR code.



Smart Life App

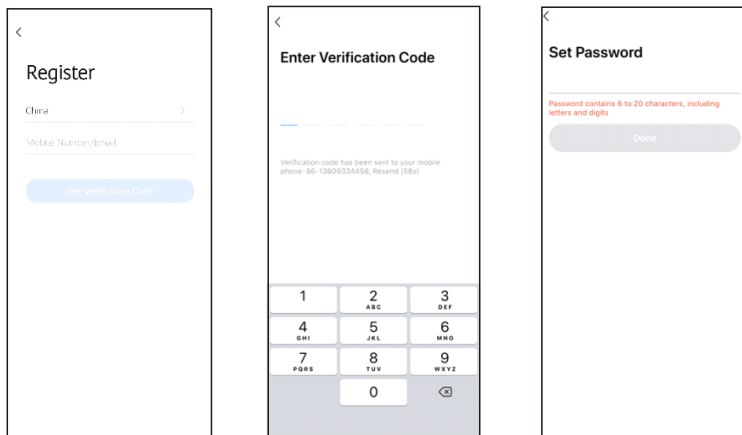
6.2 Register, log in

1. Open the Smart Life app and tap Sign Up. In the User Agreement and Privacy Policy dialog box, carefully read the privacy policy and agreement and tap Agree to go to the account registration page.



2. Enter resident's mobile phone number or email address and tap Get Verification Code. The country or region on the registration page is the same as that resident set in the mobile phone. Resident can also manually change the country or region before registration.

3. On the Enter Verification Code page, enter the verification code. On the Set Password page, set the password as per instructions and tap Done.



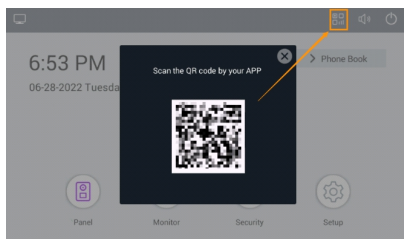
6.3 Scan QR code

1. License of Smart Life app will be filled in Indoor Monitor before delivery.

Step 1: Go to home page of Indoor Monitor.

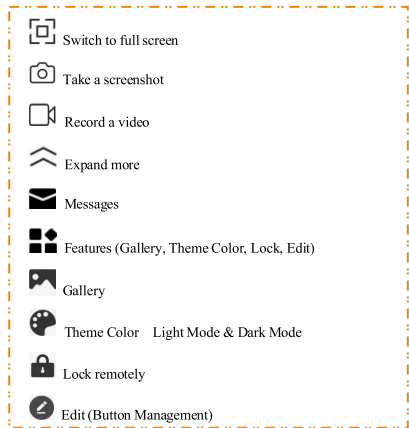
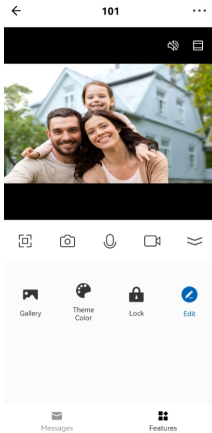
Step 2: Click QR code in the upper right corner.

Step 3: Scan QR code. One QR code can only be bound to one phone but resident can share resident's authority to its family members up to 20 users.



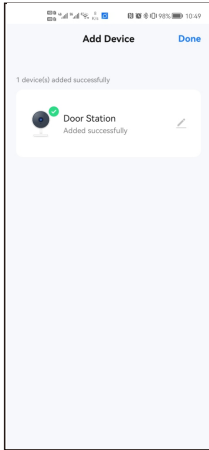
2. Congratulations. Door Station is successfully connected to resident's phone.

3. After resident complete the above steps, the Smart Life app will automatically enter the interface of monitor. Resident can make a video call to Door Station and unlock remotely on the smartphone. If Door Station are calling in, Indoor Monitor and Smart Life App can ring at the same time, and the mobile phone APP can answer the call and unlock remotely. Smart Life App can also monitor and unlock DoorStation.



6.4 Rename devices

1. After scanning the device, resident will see the reminder (Added successfully). In this page, resident can edit the name and room of this device.



2. After the device is added, resident can customize the device name. The following steps and pictures are here for reference.

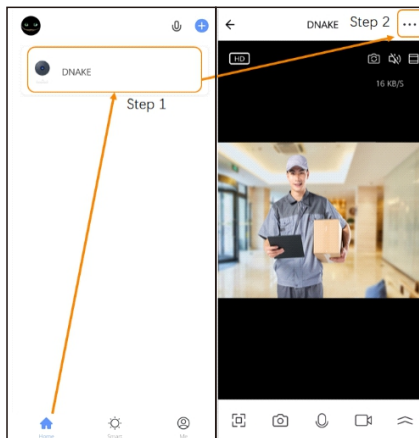
Step 1: Back to the home page and click the device to rename.

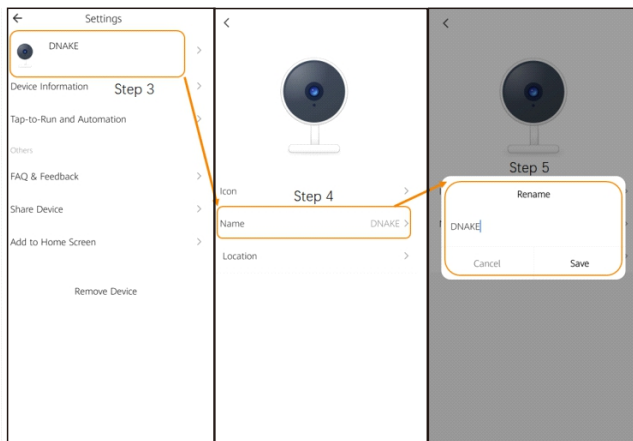
Step 2: Click Edit in the upper right corner.

Step 3: Select the icon.

Step 4: Click Name.

Step 5: Rename device.





6.5 Share devices

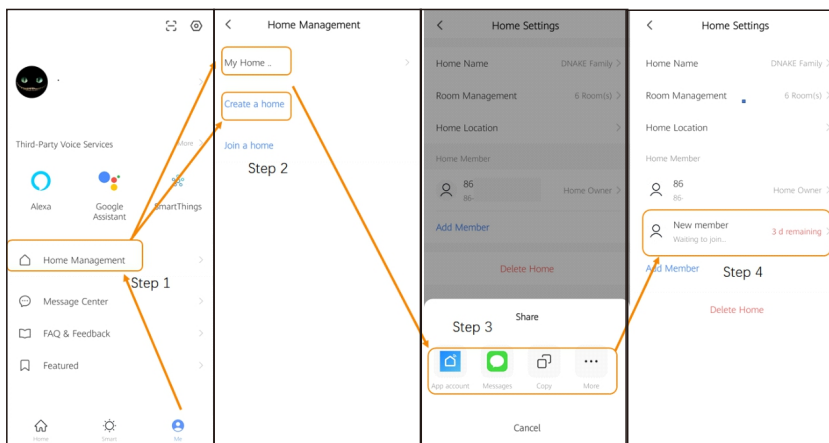
1. Resident can create a home to share resident's devices in this group. The following steps and pictures are here for reference.

Step 1: Go to Me page and then open Home Management.

Step 2: Select My Home or Create a Home.

Step 3: In the Home Setting page, resident can rename, locate, or share resident's device.

Step 4: Wait for new members to accept resident's invitation.



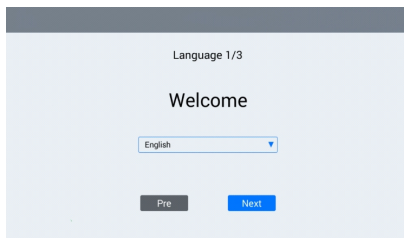
7. Add Subordinate Indoor Monitor

7.1 Add subordinate Indoor Monitor

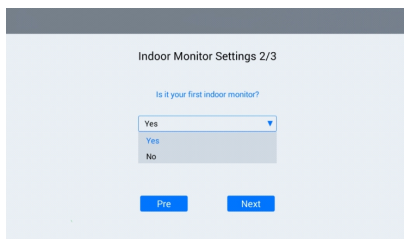
1. After having added first Indoor Monitor successfully, resident can add more subordinate Indoor Monitors to it. The maximum amount of Indoor Monitor is six.

Step 1: Connect subordinate Indoor Monitor to the same LAN.

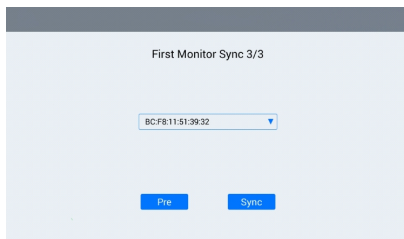
Step 2: Follow the guide on it. Select language.



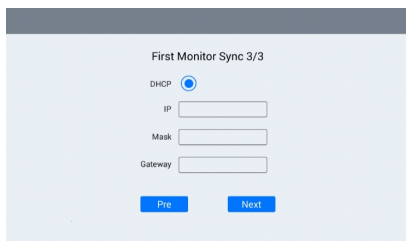
Step 3: Choose No.



Step 4: Select first Indoor Monitor and MAC of first Indoor Monitor will appear. Click MAC of first Indoor Monitor to Sync.



Step 5: Network of subordinate Indoor Monitor can be either dynamic or static. Select DHCP to enable dynamic network or fill in IP, Mask and Gateway to set up static network for subordinate Indoor Monitor. Network segment should be the same as first Indoor Monitor's when using static IP address. For example, IP address should be 192.168.0.** if IP address of first Indoor Monitor is 192.168.0.**.



First Monitor Sync 3/3

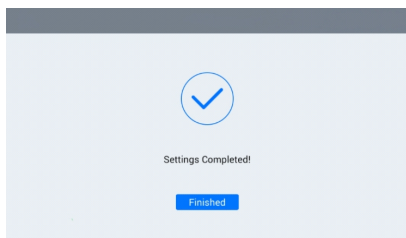
DHCP

IP

Mask

Gateway

Step 6: It's coming to an end here. All the basic settings are done.



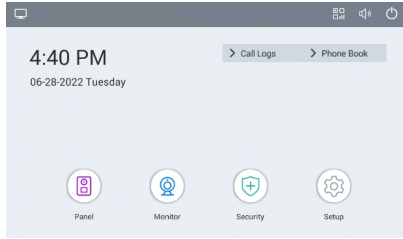
8. Add More Door Stations

8.1 Add more Door Stations

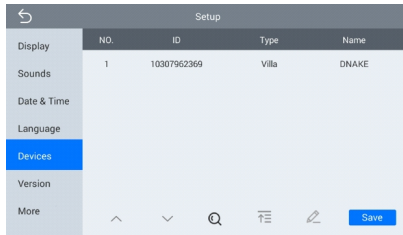
1. After having added first Door Station successfully, resident can add more Door Stations to it. The suggested amount of Door Station is two.

Step 1: Connect Door Station to the same LAN.

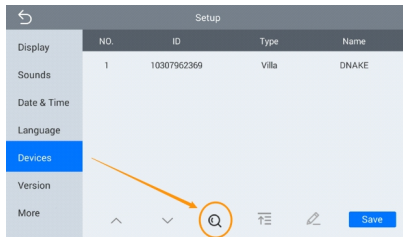
Step 2: Go to home page of Indoor Monitor and click Setup.



Step 3: Click Devices.

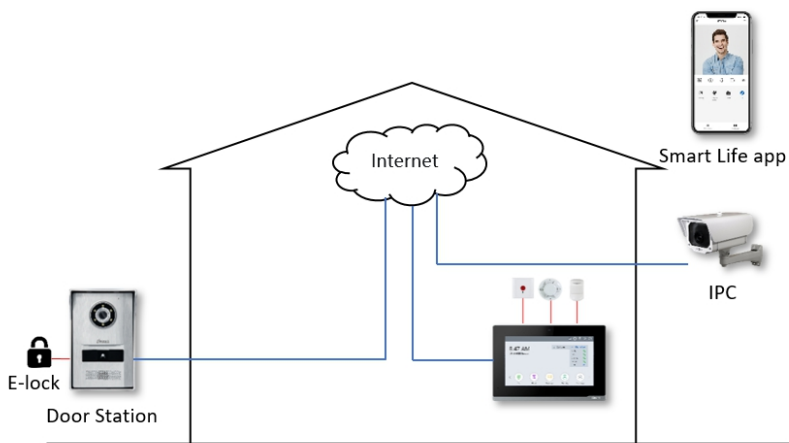


Step 4: Click the little search icon below.

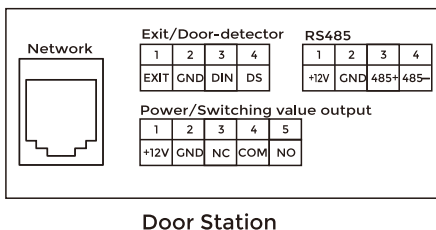


Step 5: Onboarding page will guide to set up Door Station. Please refer to 1.3 Door Station Sync 3/3.

SYSTEM CONFIGURATION



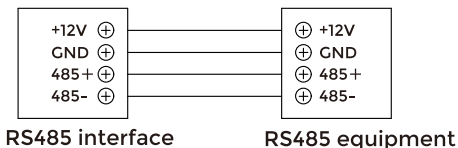
SYSTEM DIAGRAM



1. RS485

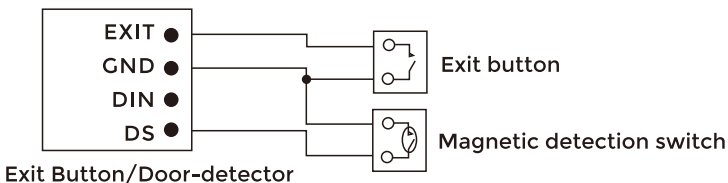
It can connect to the equipment with RS485 interface.

RS485 interface can output 12V/100mA power. Connection of +12V isn't require if it is unused.



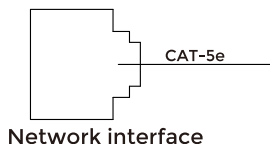
2. Exit/Door-detector

Connect with Exit button and door-detector switch; DIN is reserved terminal, please don't connect it.



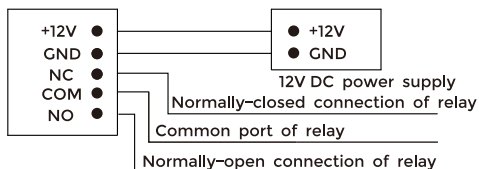
3. Network

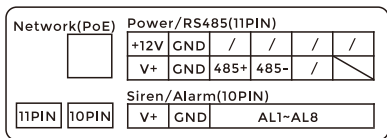
Connect to master station, indoor monitor or other network device through.



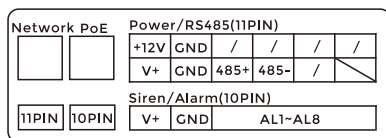
4. Power/Switching Value Output

Connect power interface of door station to 12V DC power. Switching value output connects with electric lock. Independent power supply is required for the lock.





Indoor Monitor(Single Port)

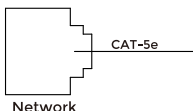


Indoor Monitor(Dual Port)

1. Network/PoE

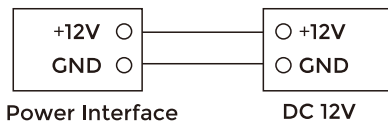
Connect with door station, indoor monitor or other network equipment by network switch.

When indoor monitor has PoE function, the interface can supply power by connecting with PoE network switch. If network interface has 12V power supply, pin No. 4 and No. 5 of RJ45 interface should connect with +12V of power interface, and pin No. 7 and 8 should connect with GND of power interface.



2. Power

Power input interface: connect with 12V power adapter.



3. RS485

Connect with RS485 interface device;

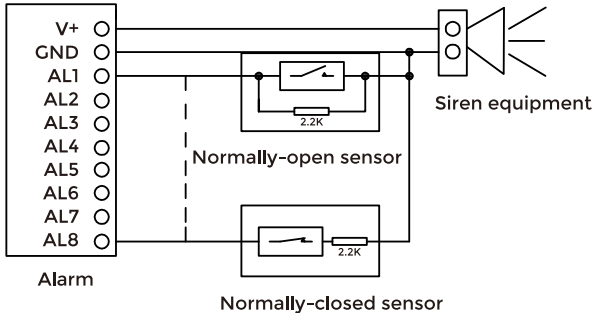
RS485 interface can output 12V/100mA power supply. If RS485 equipment to be connected doesn't require the power supply, no need to connect +12V.



4. Siren/Alarm

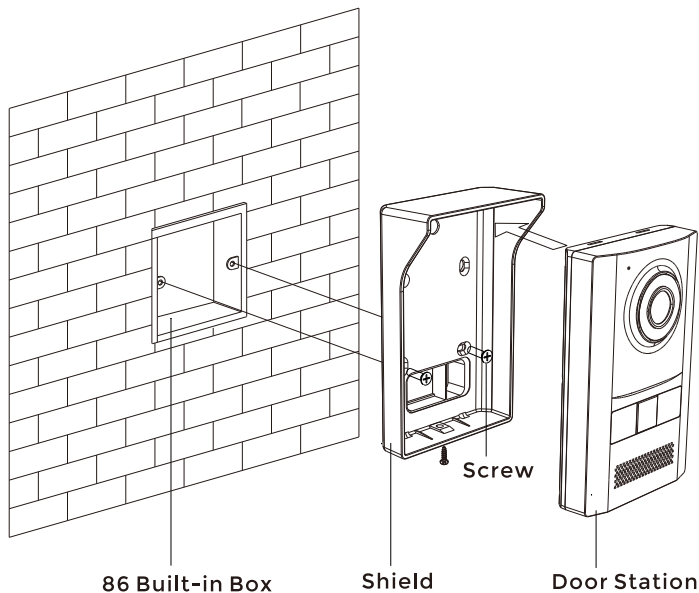
Interface of alarm zones connects with normally-open or normally-closed switch.

When the alarm zone is triggered, it will output 12V/100mA power.



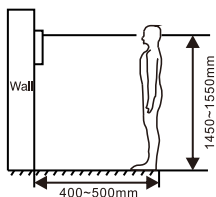
INSTALLATION

Door Station



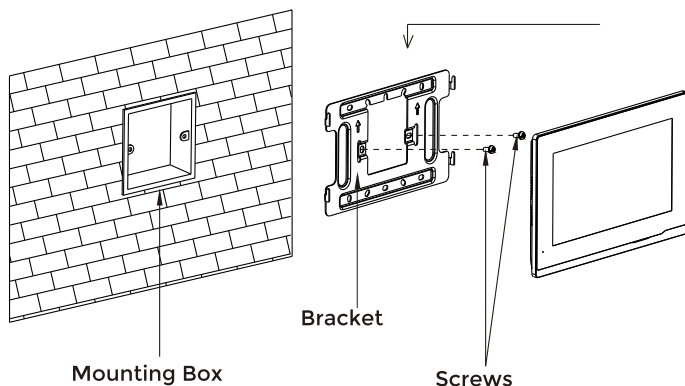
Product size: 170.5x111x38.6mm

Installation Instructions:



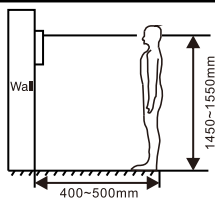
[Suggestion]: The camera should be 1450~1550mm above the ground. The camera at this height can capture human face perfectly.

Indoor Monitor(Surface Mounting)



Product size: 195x130x14.5mm

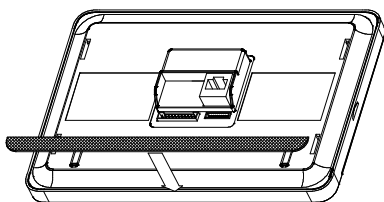
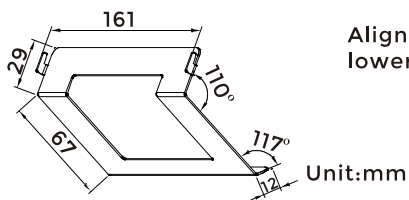
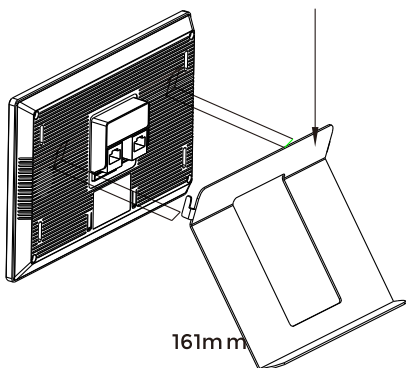
Installation Instructions:



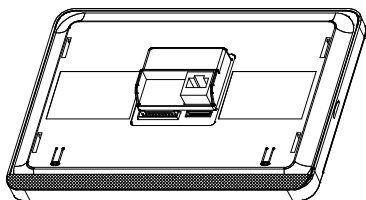
[Suggestion]: The camera should be 1450~1550mm above the ground. The camera at this height can capture human face perfectly.

Indoor Monitor(Desktop Mounting)-Optional

Assemble the hooks on two sides of the bracket into the groove on the rear cover.



Align the edge of the silica gel pad with the lower edge of the casing, and paste the pad.



Product size: 195x130x14.5mm

TECHNICAL PARAMETERS

Item	Detail
Door Station	
System	Linux
RAM	64MB
ROM	128MB
Front Panel	Plastic
Power Supply	PoE(802.3af) or DC12V/2A
Camera	2MP, CMOS
Video Resolution	1280x720
Viewing Angle	100°(D)
Door Entry	IC card(13.56MHz), NFC
IP Rating	IP65
Installation	Surface mounting
Working Humidity	10%-90%(non-condensing)
Working Temperature	-40°C~+55°C
Storage Temperature	-40°C~+70°C
Size	170.5x111x38.6mm

Item	Detail
Indoor Monitor	
System	Linux
RAM	64MB
ROM	128MB
Front Panel	Plastic
Power Supply	PoE(802.3af) or DC12V/2A
Video Resolution	1024x600
Display	7-inch TFT LCD
Screen	Capacitive touch screen
Installation	Surface mounting/Desktop
Working Humidity	10%-90%(non-condensing)
Working Temperature	-10°C~+55°C
Storage Temperature	-10°C~+60°C
Size	195x130x14.5mm

TROUBLESHOOTING

Some common failures and troubleshooting methods are listed for your reference. In case of failure which cannot be repaired, do not disassemble or repair the product by yourself. Please contact the after-sales service department.

When unit door station or wall door station fails to call indoor monitor:

When setting door station, please make sure building No. and unit No. of door station are the same as the ones of indoor monitor;

Please check whether the network is connected;

Please check if there are any security settings for the network, such as VLAN configuration;

When unit door station, wall door station or indoor monitor fails to call master station:

Please check whether the network is connected;

Please check if there are any security settings for the network, such as VLAN configuration.

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 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 twice.
-

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 emperature. It's normal and will not affect the device's use life and performance.

SAFETY INSTRUCTIONS

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**