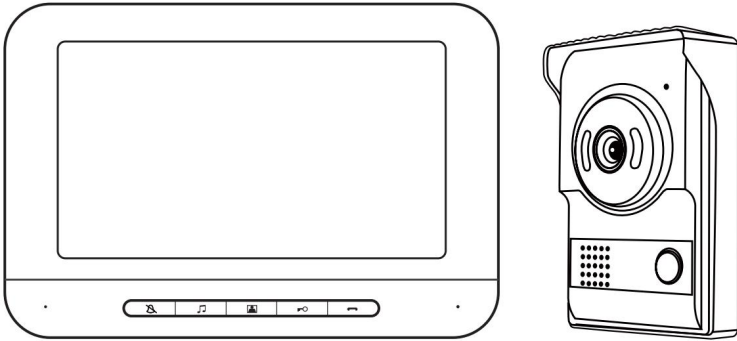


Quick Installation Guide

Videoportero - VDP03-B3 Kit

Residential Video Door Phone

Instructions for Installation and Operation



Please read the instructions carefully before use to ensure correct and proper operation.

1. Safety Precautions

1. Product Introduction

The product is a wired color video door entry system. The system is made up of two parts, the outdoor unit and the indoor unit. The two units are connected with quad core cables. The indoor unit uses 15V DC to perform doorbell call, monitoring, intercom and remote opening functions. TFT-LCD screen is used to provide clear images, bright colors and no distortion. A high-definition CMPS camera is used to provide good night vision effects.

The intercom and doorbell have a loud and clear volume level. According to the manual, the effective transmission distance is up to 100m (Manual Page 9 - Wiring Requirements); if a multi-door controller is used, a maximum of four units can be connected to realize multi-entry access.

It is applicable to places such as homes, residences, apartments, offices and hospitals.

2. Indoor Unit

1. Presentation of the Pro

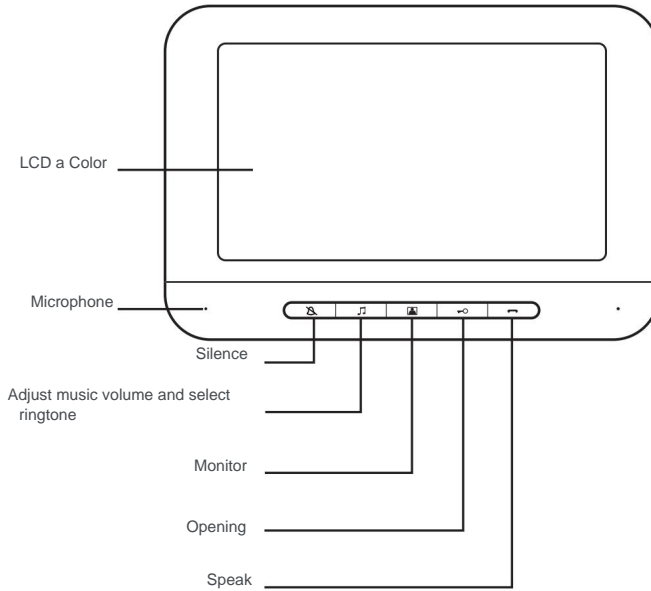


Figure 1

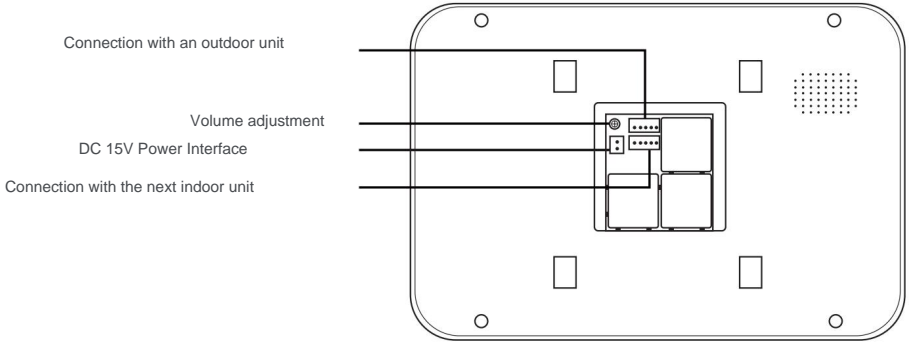


Figure 2

2. Indoor unit functions

A Set the ring tone of the indoor unit

1. Mute setting

In the standby mode of the indoor unit, first press the " " button to turn on the screen, and then press the " " button to turn off the doorbell and intercom, without affecting the image display. If you need to turn on the doorbell and intercom, press the " " button again in the " " of the monitor.

- Disturbance free mode will be activated after activating the mute function

two . Change the ringtone

In the standby mode of the indoor unit, firstly press the " " button to turn on the display, and then press the " " button to activate the ringtone and enter the "change ringtone" setting. To change a ringtone, press the " " button to select one of the 26 types of different ringtones. The button will be the ringtone when the system is used by anyone.



3. Ringtone volume adjustment

In indoor unit standby mode, firstly press " " button to turn on the display, and then press " " button to turn on ringtone and enter "ringtone volume" setting.



It has three levels, large, medium and small. Press the " " button for two seconds each time to gradually increase or decrease the volume.


- After turning off the device, all ringtone settings will be reset to factory settings.

B. Instructions for doorbell operation



1. When any visitor presses the call button on the outdoor unit, the screen of the indoor unit will show the outdoor image in real time and the doorbell will ring.
2. The user inside can press the button  to talk to the visitor.
Note: The conversations will be activated when you press the " button  for the first time and will be deactivated if the button is pressed again. The screen automatically turns off in 30 seconds if the call is not answered.


3. In intercom mode, indoor user can press "talk" button 4. In intercom mode, indoor user can press "talk" button, or the conversation will end automatically in 90 seconds.

 to open the door.
 to finish of

5. If it is necessary to resume the conversation after hanging up, first press the "  to talk to the visitor.

 and then the button

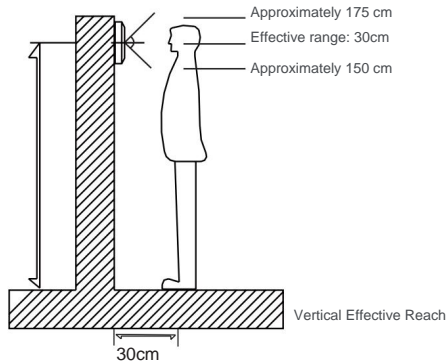
6. In indoor unit standby mode, press " button first and then " button to unlock the door, the display will  off automatically in 90 seconds  or it can be turned off by pressing " button.

 one time.

3. Instructions for installing the indoor unit

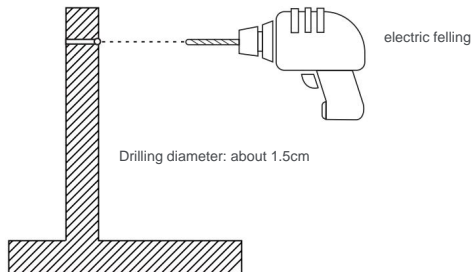
A. Installation and location of the indoor unit

First, determine the location and height to install the indoor unit; the reference height is 150-165 cm from the center of the screen to the ground.



B. Make a mark and drill a hole on the wall

Make a mark and drill a hole after determining the location on the wall.



C. Fix the base of the indoor unit

As shown in the figure: Pull out the base; open the package to take out the rubber plugs and screws.

1. Drill a hole, drilling diameter 6mm;
2. Fix the rubber stopper on the in the hole made;
3. Fix the base with screws.

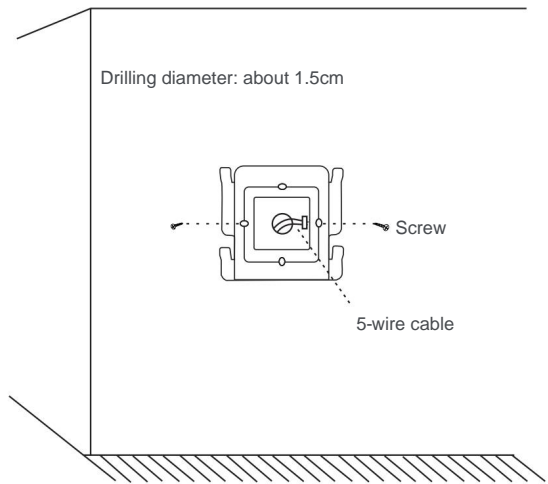


Figure 5

D. Fix the indoor unit

1. Take the indoor unit and power supply;
2. Insert the power plug and 5-wire connector
3. Place the indoor unit horizontally on the base.

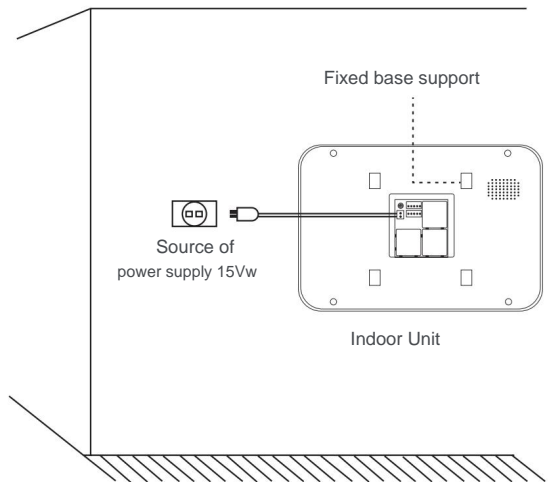


Figure 6

4. Indoor unit parameters

Screen	Color HD TFT LCD
resolution	800 × 480
Power supply	Input: AC100-240 Salida: DC15V 1200mA
Power	Standby: \dot{y} 1W Operating: \dot{y} 10W
Terminal Wiring	5PX2.54
Operating Temperature	-20 °C - 60 °C
Monitoring time	90 seconds
Talk Time	90 seconds
Number of ringtones	25

3. Outdoor Unit

1. Product Presentation

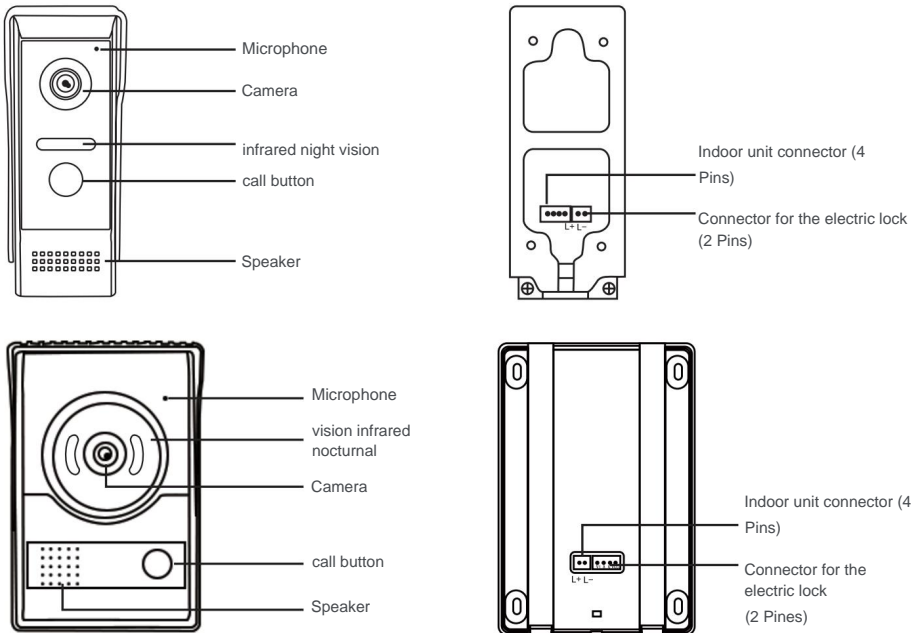


Figure 7

2. Outdoor unit functions

A. Call and intercom

When a visitor presses the call button on the outdoor unit, they can communicate with the indoor unit. They can talk on the intercom after the indoor unit answers.

b. Night vision

Infrared or white light is used to clearly see any visitor a meter away at night.

C. Rainproof

Equipped with a rain cover, protection level 4, for outdoor use.

D. Door opening

It can be directly connected with a 12V electric lock. If any other type of lock is used, you must use a 12V access control power supply (with control +, control -).

3. Outdoor unit installation

A. Installation and location of the outdoor unit

First, determine the location and height to install the outdoor unit; the reference height is 150 to 165 cm from the center of the outdoor unit to the ground.

Avoid installing the outdoor unit in any place with strong direct sunlight.

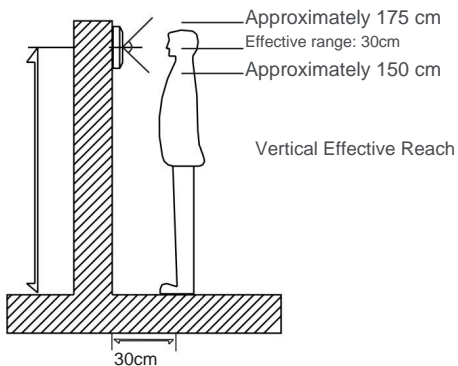
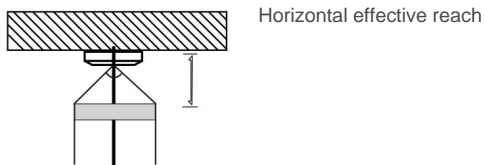


Figure 8



Effective range: Approx 50cm

Figure 9

B. Make a mark and drill a hole on the wall

Make a mark and drill a hole after determining the location on the wall.

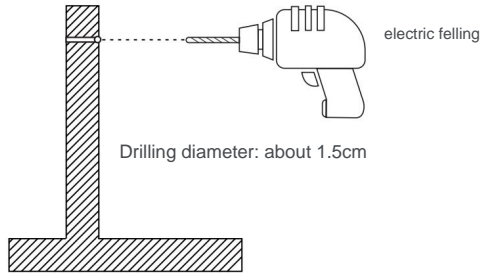


Figure 10

C. Fix the rain cover of the outdoor unit

As the picture shows:
Pull out the rain cover; open the screw pack to take out the rubber bushings and screws

1. Drill a hole, with a diameter of approximately 6mm
2. Fix the rubber plug into the hole above
3. Fix the cover with screws.

• For outdoor installation, a waterproofing treatment of the wall must be carried out.

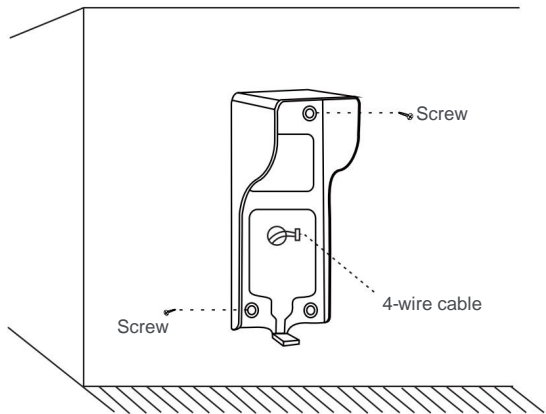


Figure 11

D. Fix the outdoor unit

1. Take out the outdoor unit;
2. Connect the 4-pin connector and the 2-pin connector;
3. Place the outdoor unit in front of the rain cover and fix the bottom with the hexagonal screw.

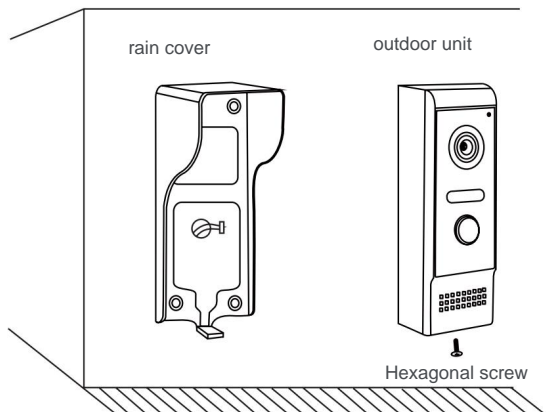


Figure 12

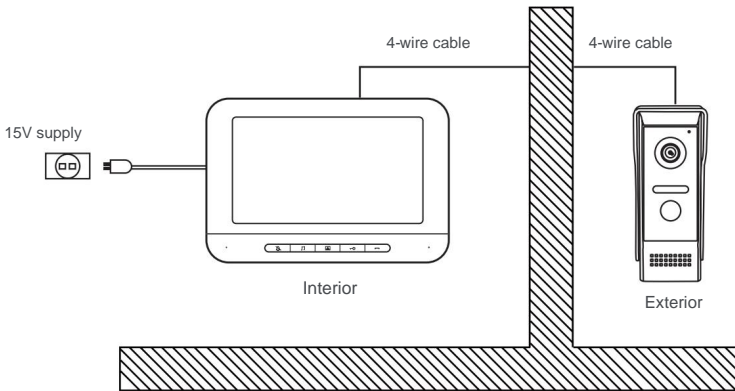


Figure 13

4. Indoor unit parameters

Camera	HD-CMOS camera
rain cover	with rain cover
Power supply	Indoor unit power supply
Feeding	Standby: \dot{y} 1W Operating: \dot{y} 2W
Terminal Wiring	4PX2.54
lock wiring	2PX2.54
Operating temperature	-20 °C - 60 °C
Night vision	Infrared or white light night vision
lock voltage	DC12V

4. Wiring

1. Wiring requirements

A. Intercom Wiring Requirements

Based on the distances, the wiring requirements and the diameter of the cables are different. The following table shows the cable requirements for the different distances:

1-30m	RVV4*0.30
31-50m	RVV4*0.50
51-100m	RVV4*1.0

Wiring colors and functions:

Yellow --- Video Blue --- Audio

Black---Ground Red--- VCC

Green--- Intercom between displays (multiple displays can be used)

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B. Power Wiring Requirements

1. Power wiring and AC or other high-frequency wiring cannot be placed in the same conduit. The separation distance must be greater than 60 cm.
2. The indoor unit power supply wiring can be placed with the intercom wiring in the same conduit.

C. Effective distance

Distance from outdoor unit to indoor unit is < 100M (Refer to Figure 14)

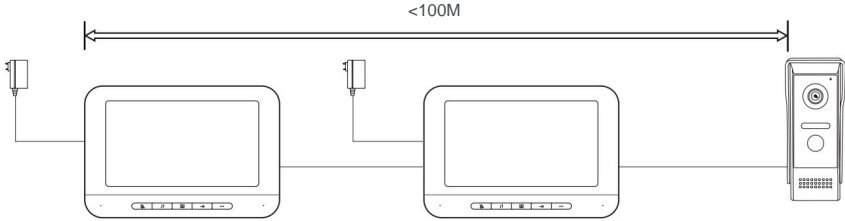


Figure 14

2. Wiring diagram

A One outdoor unit connects with one or more indoor units

When connected with 1 or 4 indoor units, the displays will be connected in series.

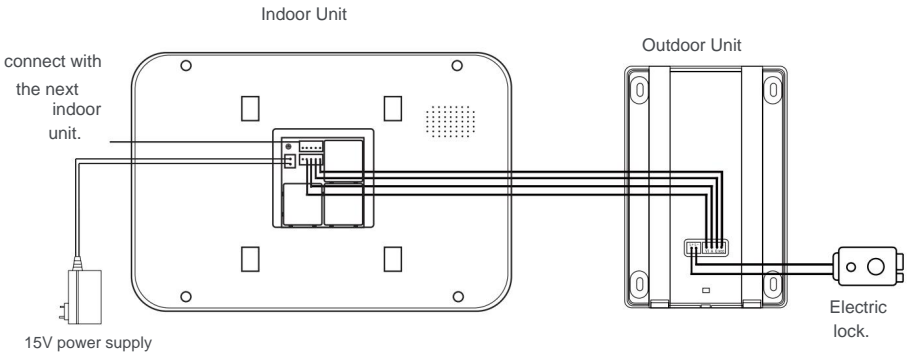


Figure 15

VIDEO—Yellow
+15V—Red

AUDIO—Blue
Lock- -- Black Lock + --Red

GND---Negro

VCC—Red CALL—Green4

B. In combination with access control power supply wiring

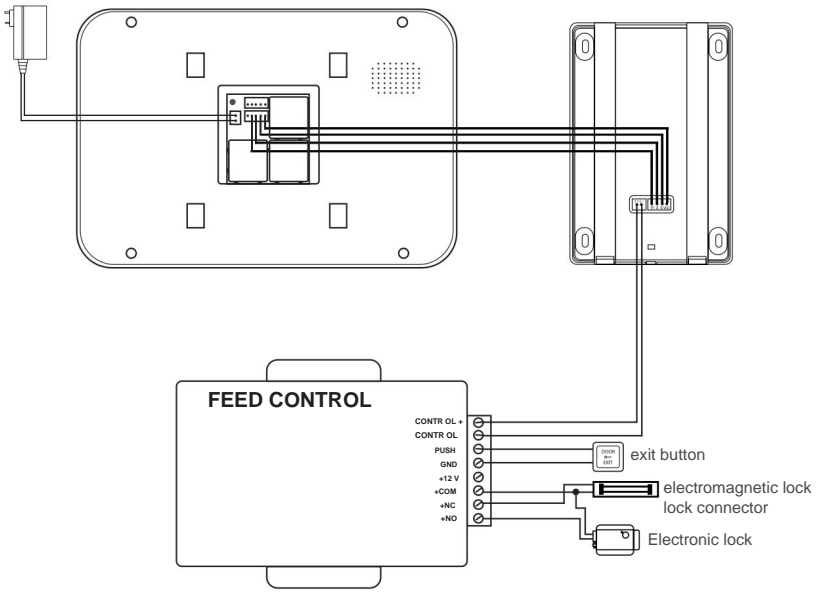


Figure 16

Note: For the operation of the access control power supply, please refer to the operation manual of the power supply you purchased

5. Troubleshooting

Kind of fall	Description of fall	Solution
Sound	There is no sound	Check whether the connection wires of various colors are well connected and whether the indoor unit can hear the sounds from the outdoor unit.
	Anyone in the indoor unit cannot hear what is said in front of the outdoor unit	<ol style="list-style-type: none"> 1. If there is tone during the call? The motherboard or microphone of the outdoor unit needs to be repaired or replaced if there is no ringtone or intercom sound. 2. The motherboard of the indoor unit needs to be repaired or replaced if there is no ringtone or intercom sound during the call.
	Anyone at the outdoor unit cannot hear what is said in front of the indoor unit	<ol style="list-style-type: none"> 1. Check whether a buzzer can be heard from the outdoor unit when the indoor unit is called, the sound means the outdoor unit works normally. 2. If you cannot hear what is said, but you can hear the buzzer on the outdoor unit, it means that the motherboard of the indoor unit or the microphone is faulty. 3. If there is no buzzer on the outdoor unit, it means that the speaker or the motherboard of the outdoor unit is faulty.
	The intercom sound is low	<ol style="list-style-type: none"> 1. First, check the distance between the mouth of the speaker and the microphone. 2. Check if the volume is turned to the maximum level. 3. Check if the cable diameter exceeds the specified distance. 4. Check whether the original power supply is used. 5. Use the test cable to check if the sound is normal.
	intercom noise	<ol style="list-style-type: none"> 1. Determine if the noise is due to short distance testing of the two units. 2. Verify the original power supply is used. 3. Check whether the cable for installation is too thin or too long.
Video	black screen	<ol style="list-style-type: none"> 1. Check if the intercom indicator of the indoor unit is on. If the intercom indicator is on, it means the display screen or controller board is faulty and the board needs to be repaired or replaced. 2. In case the intercom does not work and the indicator is off, please determine if the power supply is correct. If the power supply is normal and the black screen remains, it is determined that the motherboard of the indoor unit needs to be repaired or replaced.
	Blue screen	<ol style="list-style-type: none"> 1. Check if the cables are properly connected. 2. If the screen remains blue after confirming that the cables are connected correctly, it means that the outdoor camera needs to be replaced.
	blurry screen	<ol style="list-style-type: none"> 1. First, determine if the screen is damaged, and it will need to be replaced if damaged. 2. If the display is normal, the controller board needs to be repaired or replaced.
	The display screen is normally on	The base plate of the indoor unit needs to be repaired or replaced.
	The screen with contrast effects, black and white and too much brightness	<ol style="list-style-type: none"> 1. If it is blank, it means the controller board needs to be repaired or the display and controller board need to be replaced. 2. If it is black and white, adjust the color level with the side control. The controller board needs to be repaired or replaced if there is no response. The color controller may be faulty if the colors are unstable when adjusted, and the knob or motherboard needs to be replaced. 3. If it is too bright, the side knob controls the intercom brightness, color and sound respectively. Any user can choose the most suitable position for himself.

Kind of fall	Description of fall	Solution
Call	No answer after calling	<p>1. Check whether the power supply is normal. Press the monitor button on the indoor unit to see if the display is normal. The power supply is ok if the screen shows normal. If the screen is off, please use another power supply to test it. If the screen is on, the power supply has a fault. If the display is still off, the motherboard of the indoor unit is faulty.</p> <p>2. If the screen is normal, check if the connection is correct.</p> <p>3. If the display and wires are normal, please connect the blue wire and black wire to see if the indoor unit has a ringtone. The outdoor unit has a fault if the blue screen has a ringtone.</p>
	The intercom is ok but you can't hear the ringtone for the call	<p>1. Check if silent mode is used. Please restart it to see if it can return to normal state.</p> <p>2. If the ringtone is not heard after restarting, the motherboard of the indoor unit needs to be repaired or replaced.</p>
touch keys	No response after pressing	<p>1. Check if the device freezes due to fast key response.</p> <p>2. Check if many keys are pressed at the same time.</p>

6. Instructions

1. When cleaning the device, please turn off the device first and use a soft dry cloth to clean it;
2. Do not use benzene, thinner or organic solvent such as gasoline to clean it, as they may damage the case or discolor the device and keys;
3. The device should be installed in a safe place with good ventilation, dry air and no direct sunlight, high intensity magnetic field or dust;
4. Do not use it with any products that are not manufactured by our company;
5. Do not disassemble it without authorization. Please contact your local dealer or our technical department in case of any failure;
6. Users must strictly follow the user manual to install and test the product;
7. Door release button, electronic control lock and access control power supply are not accessories, and need to be purchased by user;
8. The product is updated from time to time, so the manual is for your reference only. Please refer to the actual product in case there are differences.



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