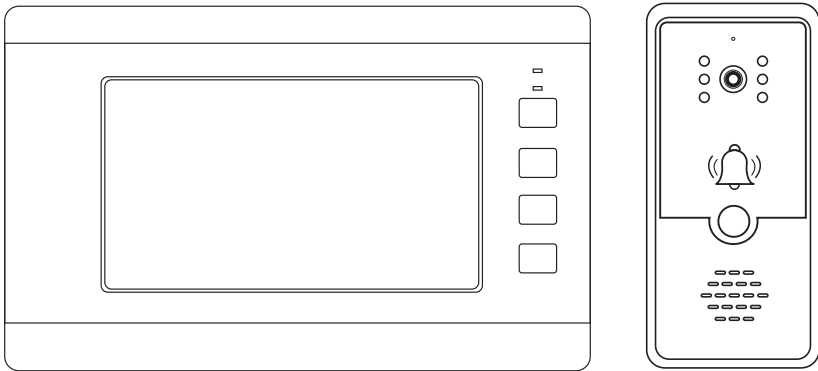


**VI. Announcement**

- 1.Do not install the indoor unit in a place with very high temperature or humidity, and it should far away from TV set.
- 2.Do not touch the equipment with wet hands, and do not let water or other liquids flow into the machine.
- 3.In order to keep the screen clean, soft cloth with glass cleaner without alcohol can be used to clean the screen or camera gently. Please do not use wash detergent, diluent, volatile or corrosivity liquid to clean.
- 4.Do not put the product in the strong magnetic area.
- 5.Please avoid throwing, casting and knocking machine with strong power.
- 6.Picture will be vague and hard to recognize because of strong shine.
- 7.Please pull off the power if it will be not be used in a long time.
- 8.We could not guarantee it could be compatible with other brand indoor monitor/outdoor camera
- 9.The door-open button, electronic control lock ,extension wire and access control power supply are not accessories, and you need to purchase them by your needs.

**VIDEO DOOE PHONE SYSTEM**  
**Product instruction manual**



Please read the instructions carefully before using to guarantee correct and proper operation

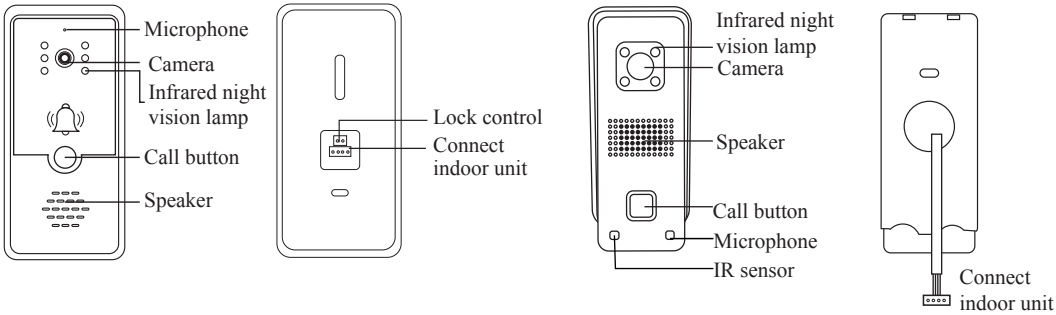
I. Product introduction

This video door phone system includes outdoor color camera, indoor LCD screen. Visitor can use call panel calls, the indoor monitor will active, ring and show the video. then you use indoor monitor intercom, monitoring, unlocking. It is applicable to places such as households, villas, apartments, offices, and hospitals.

II.Product Description

1.Outdoor unit description

- ①When someone press the push button on outdoor unit, Then you can press the"intercom" button on monitor to talk with the people outside, unlock the lock.
- ②700TVL IR night vision.High-definition CMOS camera with infrared night vision lamp is used to clearly see any visitor in 4 meters at night.
- ③Waterproof, Anti-thunderstorm Design .
- ④Outdoor unit has very elegant design, rust-proof aluminium alloy plate or top grad ABS panel.

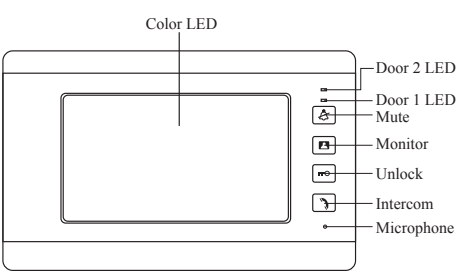


2. Parameter of outdoor unit

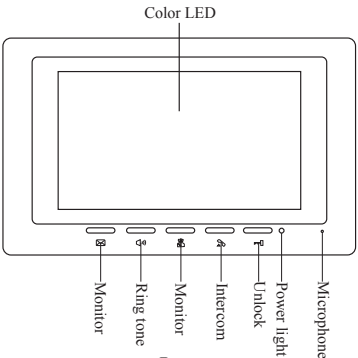
Camera	HD CMOS camera
Rain cover	With a rain cover
Power supply	Indoor unit power supply
Power	Standby: ≤1W Operating: ≤2W
Wiring terminal	4P*2.54
Unlocking terminal	2P*2.54
Operating temperature	-25°C-60°C
Night vision	Infrared night vision lamp
Unlocking voltage	DC12V

3.Indoor unit description

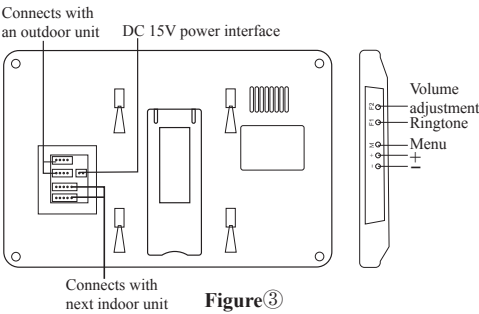
- ①When any visitor presses the call button on the outdoor unit, the indoor unit screen will display the outdoor image in real time and the bell will ring.Then the indoor user may press the “intercom ” button to talk with the visitor. can also press the" unlock" button to open the door.
- ②In the standby mode of the indoor unit,press the “monitor ” button for real-time monitoring, and then “intercom ” button to talk with the visitor or strangers who linger at the door; also press the" unlock" button to open the door.the screen will be off automatically in 40 seconds or it can be powered off by pressing the “monitor ” button once.
- ③Indoor monitor is made of aluminium alloy plate or top grad ABS panel,very textured design.



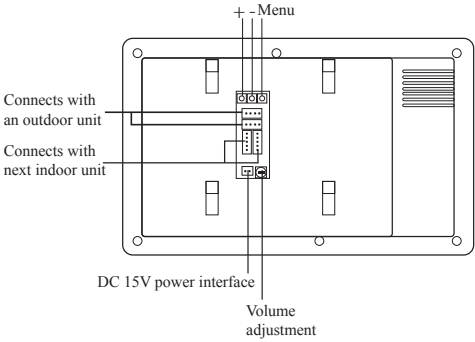
Figure①



Figure②



Figure③



Figure④

• Many other functions(Please refer to corresponding figure)

Bright/contrast/color adjustment

Figure③④ In the monitor mode of the indoor unit, press"menu"button to enter the adjustment interface. Press"menu"button again to flip it up and down,then you can adjust the numbers by pressing "+"button or "-"button to achieve the desired brightness contrast and color effect.

Ring toggle

Figure②③ In the monitor mode of the indoor unit, press the side “ ringtone ” button to activate the ringtone and enter change ringtone settings. The system is equipped with 24 ringtones of various lengths. The “ ringtone ” button is pressed once to change one ringtone. After a suitable ringtone is selected, stop pressing the button. The last ringtone will be the ringtone when the system is called by anyone. After power-off, all ringtone settings will be restored to factory settings.

Volume adjustment

Figure③ In the monitor mode of the indoor unit, press “volume adjustment” button o activate the ringtone and enter ringtone volume settings. It has three levels, large, medium and small. Press “volume adjustment” button directly to increase or decrease the volume progressively. Figure④ In the monitor mode of the indoor unit, press"ringtone"button to activate the ringtone and adjust “volume adjustment” button on the back enter ringtone volume settings.Turn down the sound clockwise, Turn it up counterclockwise.

One key mute

Figure① In the standby mode of the indoor unit, press the “ mute” button when the red power light is flashing to turn off the bell and intercom, making no effects on image display. If it is required to turn on the bell and intercom, press the “ mute” button again. Figure② keep pressing the “intercom ” button for 2 seconds when the indoor unit is in standby mode,it will enter intosilent mode when the red power light is flashing

4. Parameter of indoor unit

Screen	Color HD TFT LCD
Resolution	800*480
Power supply	Input:AC100-240V Output:DC 15V
Power	Standby: <1W Operate:<6W
Wiring terminal	4P*2.54
Operating temperature	-20°C-60°C
Monitoring time	40S±10%
Talking time	120S±10%
Number of calling ringtones	24

III. Easy to install and DIY installation

1.Please test before installation

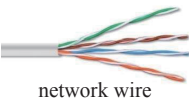
First tep: Check whether the package is damaged or soaked  
The second step: Check whether the product appearance and screen are in good condition  
The third step:Function test  
a.Connect the indoor unit to the outdoor unit with the test line delivered with the product  
b.Connect the indoor unit to the power adapter configured in this product  
c.Tap the monitor button,the display screen shows the image, indicating that the cable can work normally  
d.Test tones:Press the call button of the outdoor unit Lightly, there's a bell when the indoor display screen lights up and displays the image Indicates that the ring tone is functioning normally  
Note:When there is no ringtone and no image,Pls check whether the power is connected and whether test wire plug is connected properly  
e.Intercom test:Be sure to isolate the door unit from the indoor unit in a different space for testing  
Note:Screams produced during tests in the same space are normal due to self-activating interference from the microphone and speaker because of excessive volume  
Press the call button of the outdoor unit , the indoor unit displays the image with a doorbell, and then press the intercom button of the indoor unit to connect the intercom. Test intercom, to be in front of the indoor unit about 30cm speech, moderate volume, the outdoor unit can clearly hear the sound of speech, in front of the outdoor unit about 30cm speech, moderate volume, the indoor machine can clearly hear the sound of speech  
Note:During the test, the test environment must be free of noise and harsh sound, otherwise it will interfere with the normal intercom  
f.Unlock function test:Need to switch on the electric lock,After testing the intercom function, press the lock button of the indoor unit to open the lock

2.Wiring selection

RVV4\*0.3/RVV5\*0.3  
(Copper wires more than 0.3 is not recommended)



CAT 5E UTP (recommended)



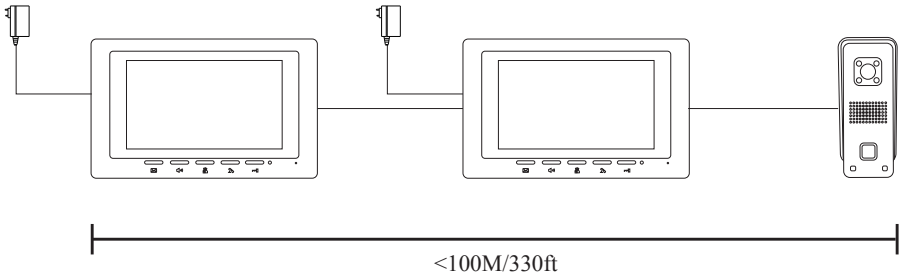
2\*1.0(≤5M)(electric lock wire or power wire)



NOTES:Aviod close to high voltage power lines,more than 50cm available)

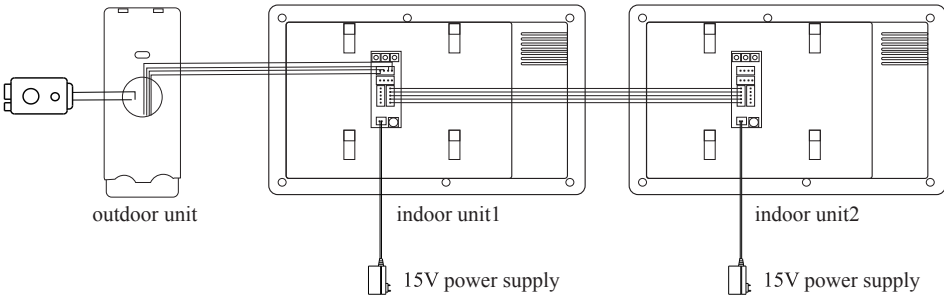
3. Effective distance

The wiring distance from the furthest outdoor unit to the furthest indoor unit(As shown in the figure)  
one indoor unit and one outdoor unit approximate 200M/660ft  
two indoor units and one outdoor unit approximate 100M/330ft  
The wired distance should be controlled within 30M/98ft when connected to up to 6 indoor units



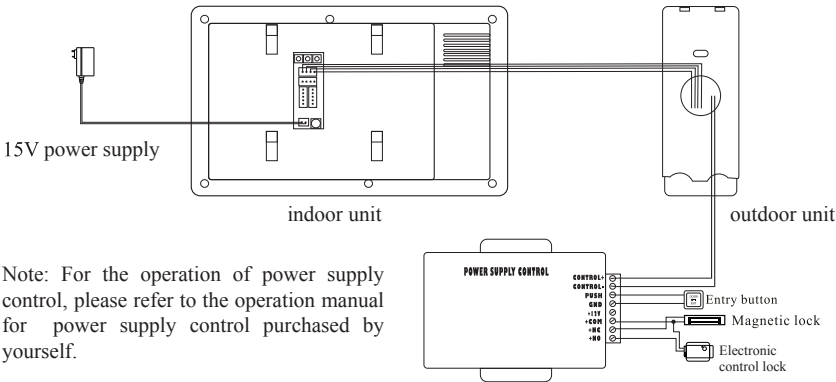
4.Wiring diagram

One to one/two/three.....(connection electronic lock)



1.Green — Audio 2.Black — ground 3.Red— Power 4.Yellow —Video 5.Blue — Intercom for indoor unit

One to one(connection Magnetic lock or Electric plug lock)



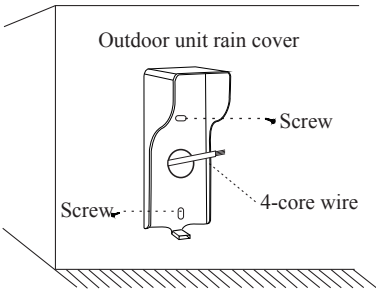
Note: For the operation of power supply control, please refer to the operation manual for power supply control purchased by yourself.

1.Green — Audio 2.Black — ground 3.Red— Power 4.Yellow —Video

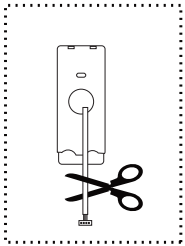
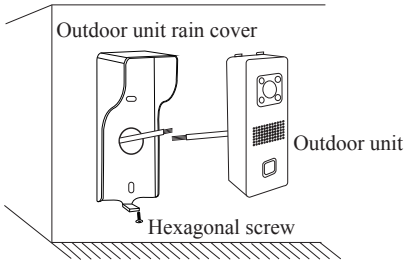
IV.Installation Instructions

1. Installation of outdoor unit

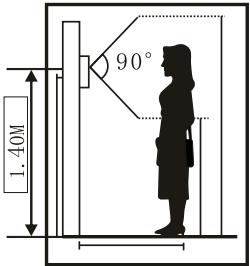
The outdoor unit should be installed on the wall and 1.4M above the ground and please prevent the strong sunlight and rain from it(such as picture A).  
At first, please detach the screw which is fixed below the button by screw driver for disassembling the outdoor unit;  
Then,punching four holes on the wall when mark the location of the screws according to the holes in the rain cover;  
Next,use rubber plugs in the accessories bag to push into four holes;  
Afterwards,tight the screws well and fasten the rain cover;



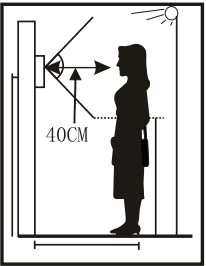
Finally connect the connection wire well and make the outdoor unit fixed on the rain cover and screw up.



Note:As shown above,you can cut the test wire inserted behind the outdoor unit, and according to your needs for extension



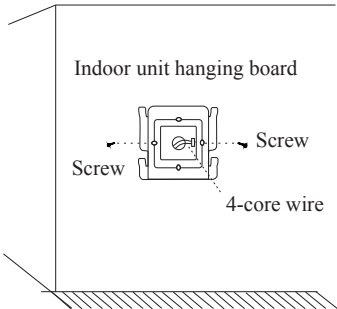
(A)



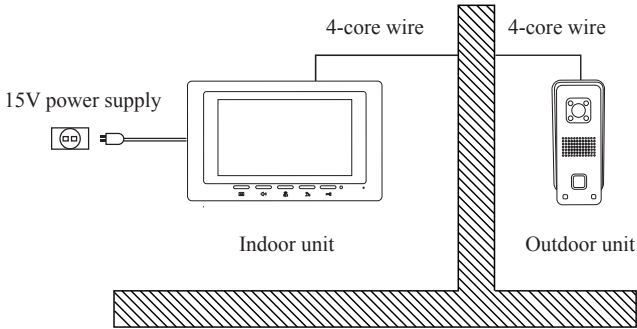
(B)

2. Installation of indoor unit

Use screws to fix the installation board of indoor unit on the wall, hang the indoor unit on the installation board after connecting the wire.



Compelet installation



V. Solution for common fault

Failure Type	Failure Description	Failure Elimination
Sound	No intercom sound	Inspect whether the connection wires of various colors are properly connected and whether the indoor unit can hear the sounds from the outdoor unit.
	Anyone at the indoor unit cannot hear what one says in front of the outdoor unit	1. Whether there is ringtone during calling? The mainboard or microphone of the outdoor unit needs to be repaired or replaced if no ringtone or intercom sound can be heard. 2. The indoor unit mainboard needs to be repaired or replaced if no ringtone or intercom sound can be heard during calling.
	Anyone at the outdoor unit cannot hear what one says in front of the indoor unit	1. Inspect whether a ringback can be heard on the outdoor unit when calling the indoor unit, the ringback means that the outdoor unit works normally. 2. If any talk cannot be heard if a ringback can be heard on the outdoor unit, it means that the indoor unit mainboard or microphone has a failure. 3. If no ringback is heard, it means that the speaker or mainboard of the outdoor unit has a failure.
	The intercom sound is low	1. First of all, determine the distance from the speaker's mouth to the microphone. 2. Inspect whether the turbine is rotated to the maximum level. 3. Inspect whether the wire diameter exceeds the specified proportion. 4. Determine whether original power source is used. 5. Use the test wire to test whether the sound is normal.
	Intercom noise	1. Determine whether it is noise due to the short-distance test of the two units. 2. Whether the original power source is used. 3. Whether the wire for installation is too thin or too long.
Video	Black screen	1. Inspect whether the indoor unit intercom indicator is on. If the intercom indicator is on, it means that the display screen or driver board has a failure and the board needs to be repaired or replaced. 2. In case intercom is not working and the indicator is off, determine whether the power source is normal. If the power source is normal and the black screen remains, it is determined that the indoor unit mainboard needs to be repaired or replaced.
	Blue screen	1. Inspect whether the wires are correctly connected. 2. If the blue screen remains after confirming the wires are correctly connected, it means that the outdoor camera needs to be replaced.
	The display screen is normally on with whitening , black & white and too bright effects	1.Adjust brightness contrast and color in the menu 2.Any user may choose the most appropriate position by itself.
Key and touch key	No response after calling	1. Inspect whether the power source is normal. Press the monitor button of the indoor unit to see whether the screen is normal. The power source is normal if the screen is normal. If the screen is off, use another power source to test it. If the screen is on, the power source has a failure. If the screen is still off, the indoor unit mainboard has a failure. 2. If the screen is normal, please inspect whether the connection is correct. 3. If the screen and wires are normal, short circuit the blue wire and black wire to see whether the indoor unit has ringtone. The outdoor unit has a failure if the blue screen has ringtone.
	Intercom is normal but no ringtone is heard	1. Inspect whether the mute mode is used. Reset it to see whether it can resume to normal state. 2. Inspect whether the sound volume button is turned off or the connection wire is loose 3. If no ringtone can be heard after the above operation, the indoor unit mainboard needs to be repaired or replaced.
	No response after pressing it	1. Inspect whether the device gets stuck due to the rapid responses of the keys.