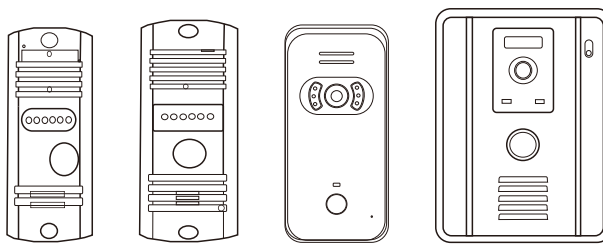
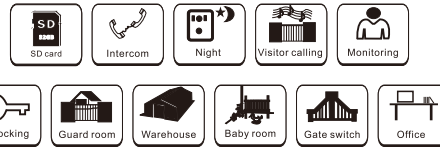
User Manual



Color Video Door Phone

CE RoHS FC

CE RoHS FC


SD
SD card
Intercom
Night
Visitor calling
Monitoring
Unlocking
Guard room
Warehouse
Baby room
Gate switch
Office

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Functions

Powerful function

Monitoring, intercom, unlocking, dual communication, night vision, auto display ,auto turn off, 11 chord melody ring for choice.

High-definition picture

The high resolution camera and TFT LCD screen, 7inch 800X480,model 718 up to1024X600, 8inch 800X600, 9inch 800X480 , make the image vivid and clear.

Easy to install and use

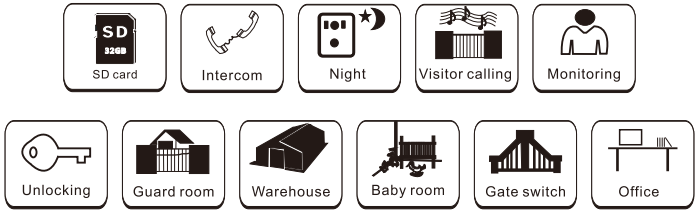
Plug-in-out installation, easy to install, use and maintain.

Multi-style system

The system can be installed through various ways of connection such as one camera to one monitor, two to one...max 2 outdoor units to 4 indoor monitors. It can satisfy all kinds of villa.

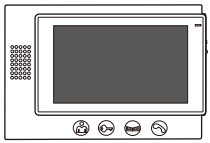
Night Vision

Infrared LEDs on the camera allow you to see the visitor clearly at night before you open the door.

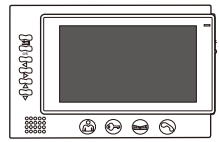


CE RoHS FC

Indoor Monitor

① 

DP-701
Unit Dimensions：239X161X21. 3（mm）

② 

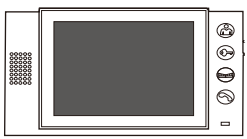
DP-701R
Unit Dimensions：239X161X21. 3（mm）

③

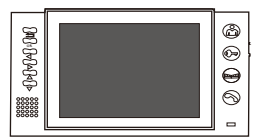
DP-702
Unit Dimensions：239X161X21. 3（mm）

④

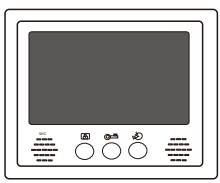
DP-766
Unit Dimensions：225X128X23.5(mm)

⑤ 

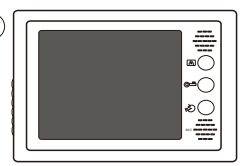
DP-889
Unit Dimensions：275X170X22.6(mm)

⑥ 

DP-889R
Unit Dimensions：275X170X22.6(mm)

⑦ 

DP-718
Unit Dimensions：202X163X20(mm)

⑧ 

DP-888/888R
Unit Dimensions：236.5X166X22(mm)

⑨

DP-998/998R
Unit Dimensions：255X155X23(mm)

Technical Specifications

7inch indoor monitor

Power adapter	DC 12V 2A
Power Consumption(complete set)	Working: ≤6.0W; Standby:<0.5W
Screen	7inch 16:9
Resolution	HD1024×(RGB)×600/800*480
Active Display Area	153.6(W)×90(H) mm/ 154.08(W)×85.92(H)mm
Screen Brightness	250cd/m2

8 inch indoor monitor

Power adapter	DC12V 2A
Power Consumption(complete set)	Working: ≤6.0W; Standby:<0.5W
Screen	8inch 4:3
Resolution	800×(RGB)×600
Ative Display Area	162.0(W)×121.5(H) mm
Screen Brightness	250cd/m2

9inch indoor monitor

Power adapter	DC 12V 2A
Power Consumption(complete set)	Working: ≤6.0W; Standby:<0.5W
Screen	9inch16:9
Resolution	800×(RGB)×480
Active Display Area	198.1(W)×111.69(H) mm
Screen Brightness	250cd/m2

Outdoor camera

Sensor	1/4" CMOS
Resolution	NTSC 720*480;PAL 720*576
TV Line	700 TVL
Video output	1.0VPP 75 ohm
Shutter	Auto:1/50(1/60) to 1/100,000sec
SNR	<48dB
Wavelength of IR light	940nm
Working humidity	<90%
IR distance	2m~3m
Working temperature	-10~55°C
Power consumption	<2W
Power	supplied by indoor monitor

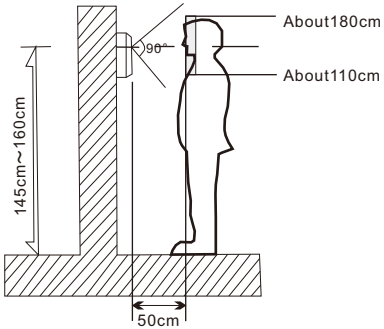
Product dimensions and camera lens specifications

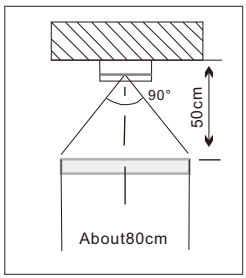
Model	TW-660	TW-666	TW-668	TW-669
Dimension (L*W*Hmm)	127*95*37	145*65*51	122*42.5*22.5	148*71*42
camera lens (mm)	2.8(100°)	6.0(50°)	6.0(50°)	2.3(110°)

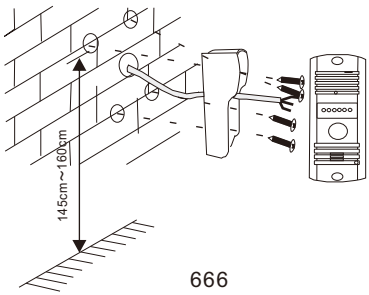
*The specifications might be changed without prior notice and subject to final confirmation.

Installation of the outdoor camera

Positioning







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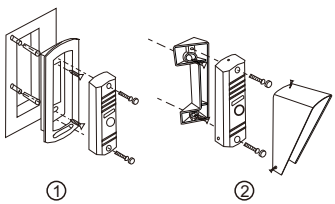

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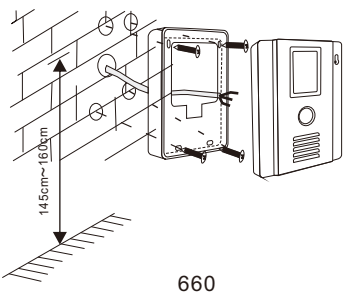
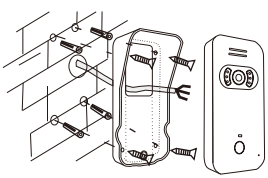


660



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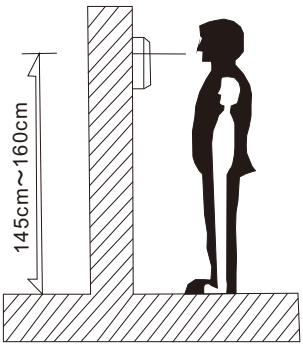
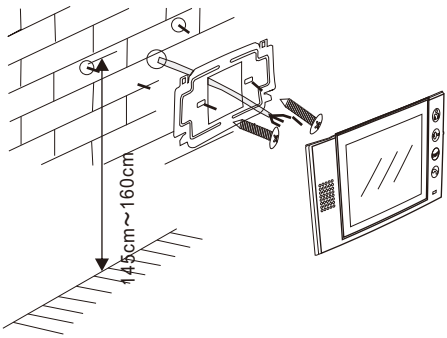
Installation of the indoor monitor

Installation of the indoor monitor



The optimum height of the monitor for installation is 145cm~160cm from the centre of the screen of the monitor to the ground.(This data is for reference only).



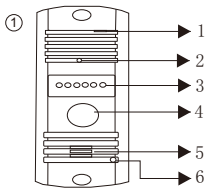
Take two screws to fix the mounting bracket on the wall and then install the monitor.

Notice

1、Do not install the camera on the place of direct sunshine.
2、Cannot be exposed in wind and rain directly. Install with rain cover is recommended.
3、Do not install near any strong magnetic field.
4、Install in an uniform light source circumstance as possible as you can.
5、Install at where there is a light source at night if possible, in order to get color images at night.

Features of monitor and camera

1.Outdoor Camera



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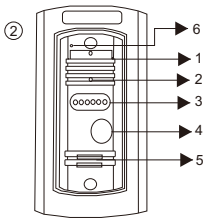

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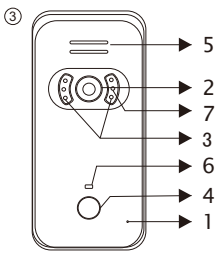

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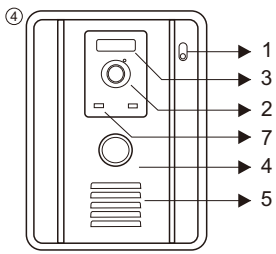

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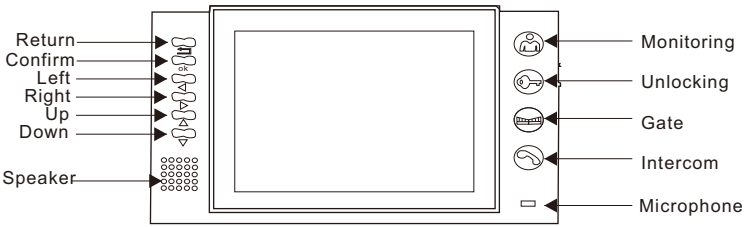
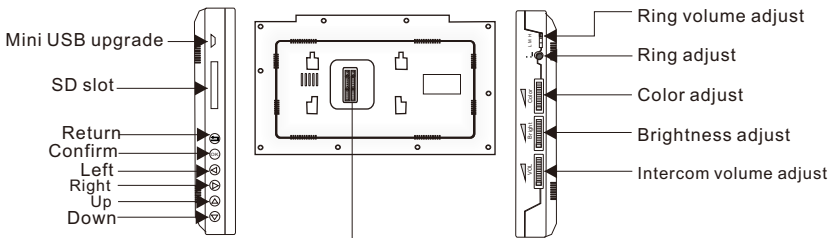
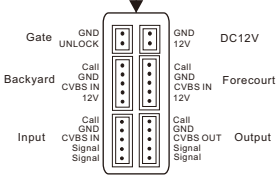
1. Microphone: For communication with the indoor monitor.
2. Lens of the Camera: The lens can transmit the picture of the visitor to the monitor.
3. Infrared LED lights: The built-in infrared LED lights enable you to distinguish the visitor under the insufficient light.
4. Call button: When the visitor presses the button, the visitor's picture will be displayed on the monitor and a sound of music will remind.
5. Speaker
6. work indicator lamp.
7.photo resistor

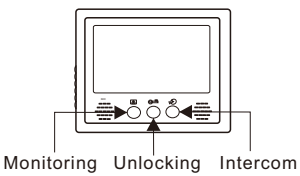
Features of monitor and camera

3. Indoor Monitor

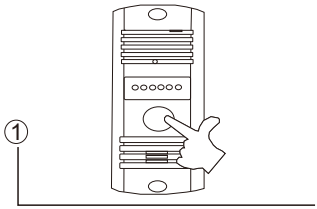








Operation of one to one



1、Press the Call button on a outdoor unit .

2、The A/V of the outdoor unit is transferred to the monitor.

3、Press the Intercom button to communicate with the visitor. Intercom time is 90sec. Press the Intercom button again or wait 90sec to back to standby mode.

4、Press the Unlock button to open the door, and the monitor turns into standby mode automatically.

6、Press Gate button to open the gate/warehouse door under monitoring mode or intercom mode.

5、*90s Monitoring:Press the Monitoring button, the indoor monitor receives the audio & video of outdoor unit1. Press the Monitoring button again to switch to the other outdoor unit.Quickly double press the Monitoring button to exit monitoring mode back to standby mode.

*Unlimited time Monitoring:keep Pressing the Monitoring button for 3 to 5 sec., then the indoor monitor start unlimited time surveillance. Keep pressing the Monitoring button again to switch to the other outdoor unit;Quickly double press the Monitoring button to exit monitoring mode back to standby mode.

Recordig DoorPhone:Press “ Monitoring” button of the indoor monitor, the video of the camera is shown on the screen. Press “Monitoring” button again, the video of the outdoor station is shown on the screen. Keep pressing “Monitoring” button for 3S to exit monitoring status.

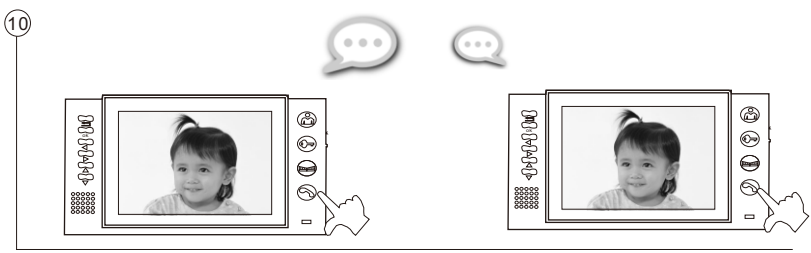
Operation of one to one

7、Plug in the indoor monitor, it turns into standby status. Press any button of the left side to wake it up. By double pressing “Back” button can turn it into standby status again.

8、(1)、Time & Date setting: Press “Return” button to setup time & date under standby mode, press ”◄►” button to select the setting, press “▲▼” button to adjust the value. Press “OK” button to confirm.

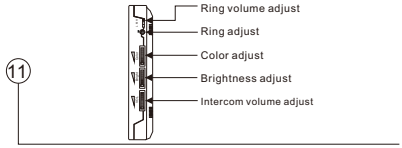
9、(1)、VIDEOS PLAYBACK: Press “OK” button, enter the playback interface, press “▲▼” to choose the video file which named by recorded date, and then press “OK” button to enter the video file list interface, press the “▲▼” to choose the video file, press “OK” button to play the selected video file, press “▲▼” to adjust the playback volume, press “OK” button to suspend play, press the “◄►” to play the next/previous video files.

(2)、Delete file: Press “OK” button to enter the playback interface, or press “OK” button again to enter video file list interface, press “◄” button to pop up a delete dialog, press “▲▼” key to choose “All”, “current” or “cancel” option, press “OK” to delete the selected item.



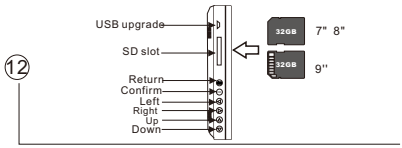
10、Room to Room intercom (for multi-monitors system): Press the Intercom button on a monitor under standby mode,other monitors will ring. Press Intercom button of any other monitor to start intercom between 2 monitors. Quickly double press Intercom button to finish intercom.

Operation of one to one



11.(1)Settings: switch among “H, M, L” to adjustable the volume of ring. Turn the "color","brightness" or "Intercom volume" adjust knob to adjust brightness, color and Intercom volume.

(2)Switch the ring: Press the Call button of an outdoor unit, keep pressing the Ring switch button on monitor for 3 to 5 sec., after the bell rings, press the Ring switch button to switch the ring you like, press the unlock button to confirm the ring.



12. 7", 8"recording video door phone the SD card inserting direction: Gold finger upward(be consistent with the monitor direction)

9''recording video door phone the SD card inserting direction: Gold finger downward(on the contrary with the monitor direction)

What is included

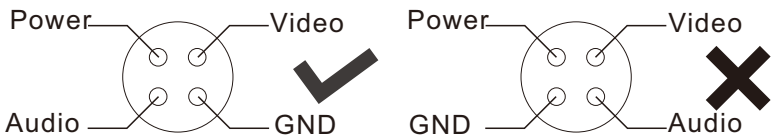
Indoor monitor	1PCS
Outdoor camera	1PCS
Outdoor camera and indoor monitor cable	2PCS
User manual	1PCS
Door release cable	1PCS
Gate cable	1PCS
Monitor bracket	1PCS
Screws and others	1BAG
AC Adapter（12V/2A）	1PCS
Rain Cover	1PCS

Construction wire specifications

The distance between outdoor camera and indoor monitor, the wire specifications :

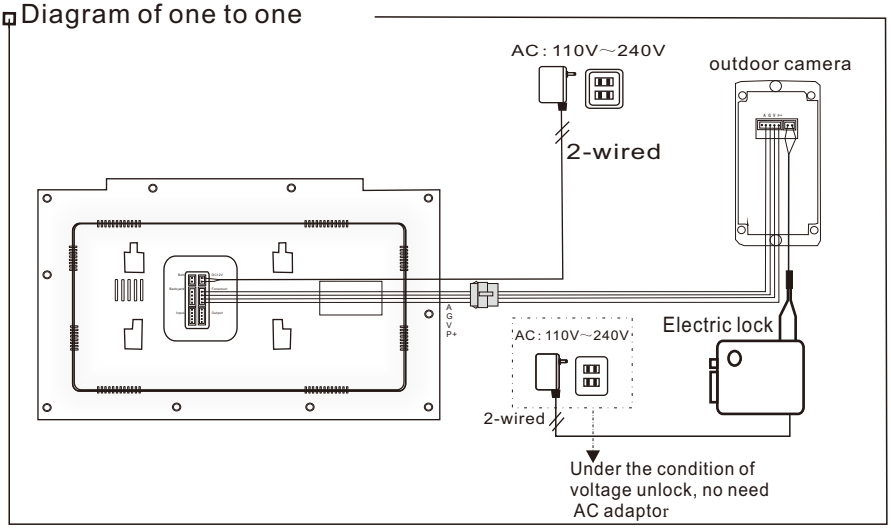
＜30meters	RVV4*0.5mm²
＞30meters and≤50meters	RVV4*0.75mm²
＞50meters and≤100meters	RVV4*1.0mm²

Please following the intruction of connecting below:



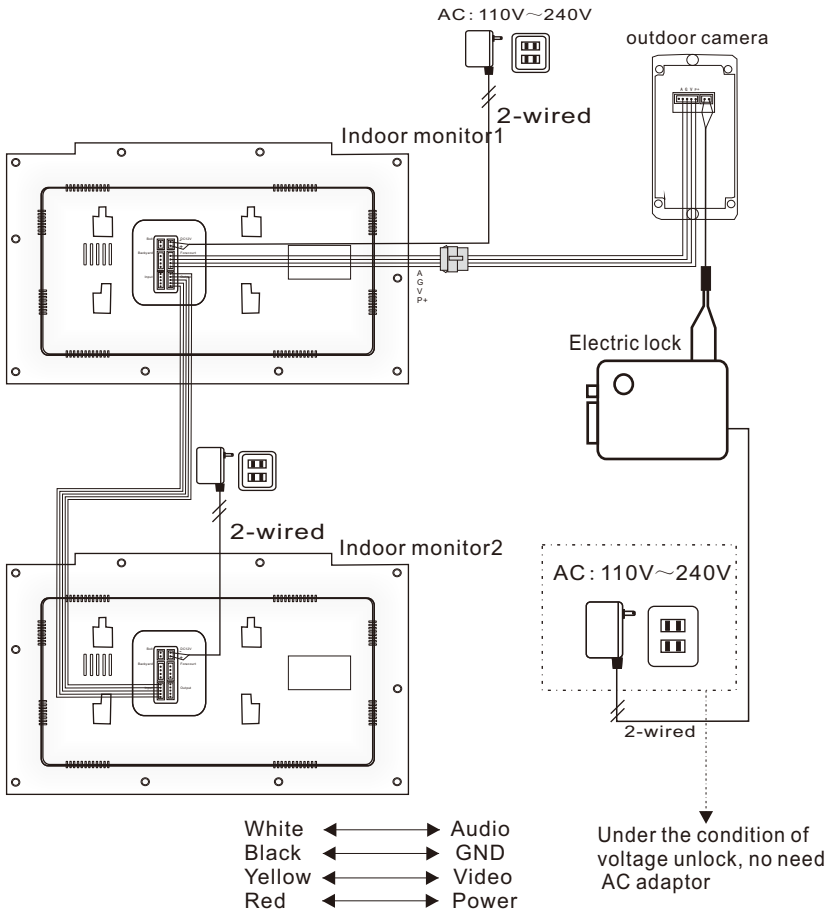
Wiring diagram

Diagram of one to one



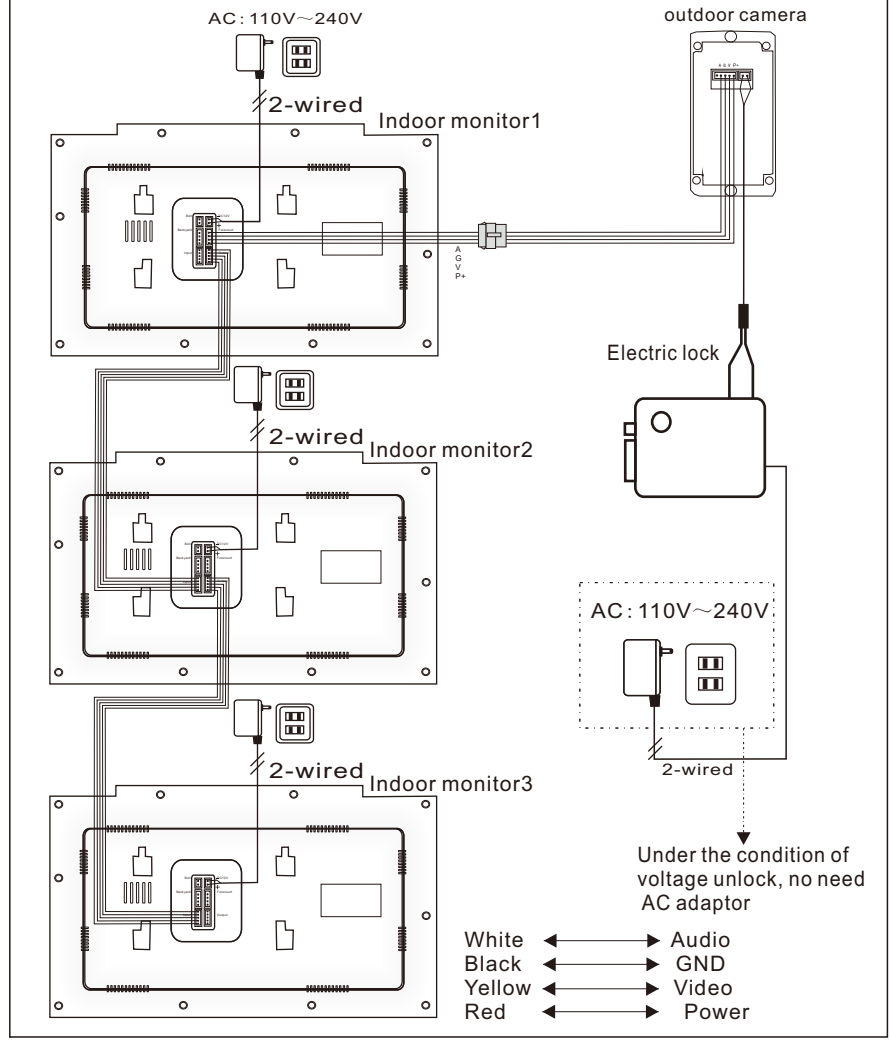
Wiring diagram

Diagram of one to two



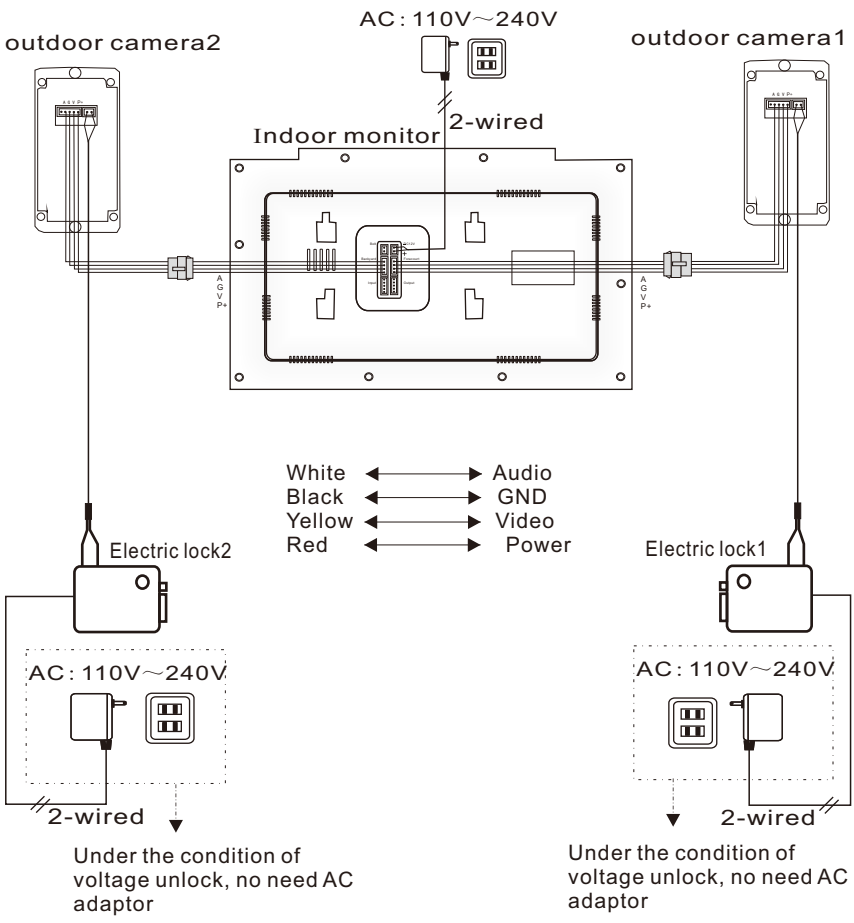
Wiring diagram

Diagram of one to three



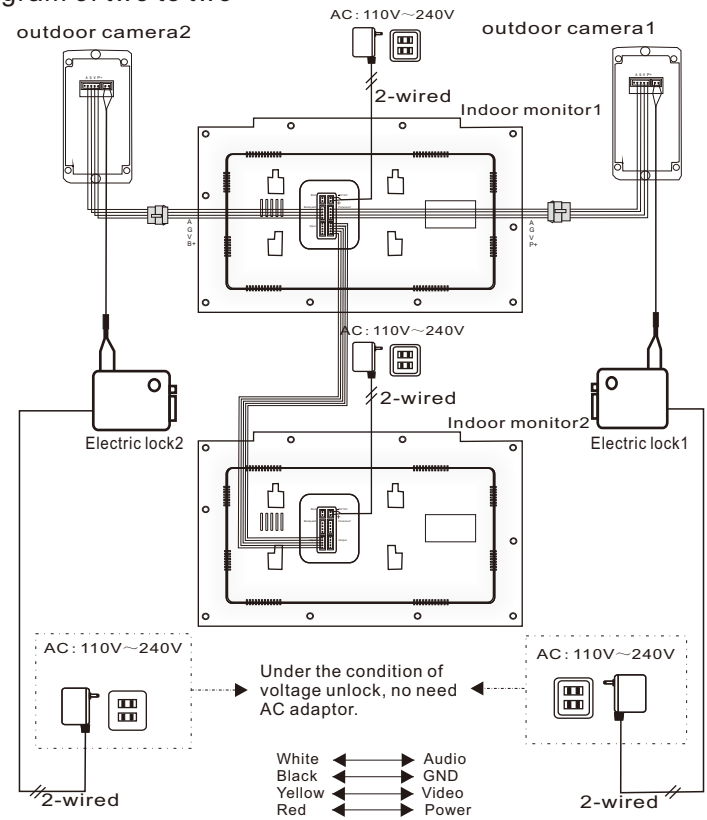
Wiring diagram

Diagram of two to one



Wiring diagram

Diagram of two to two

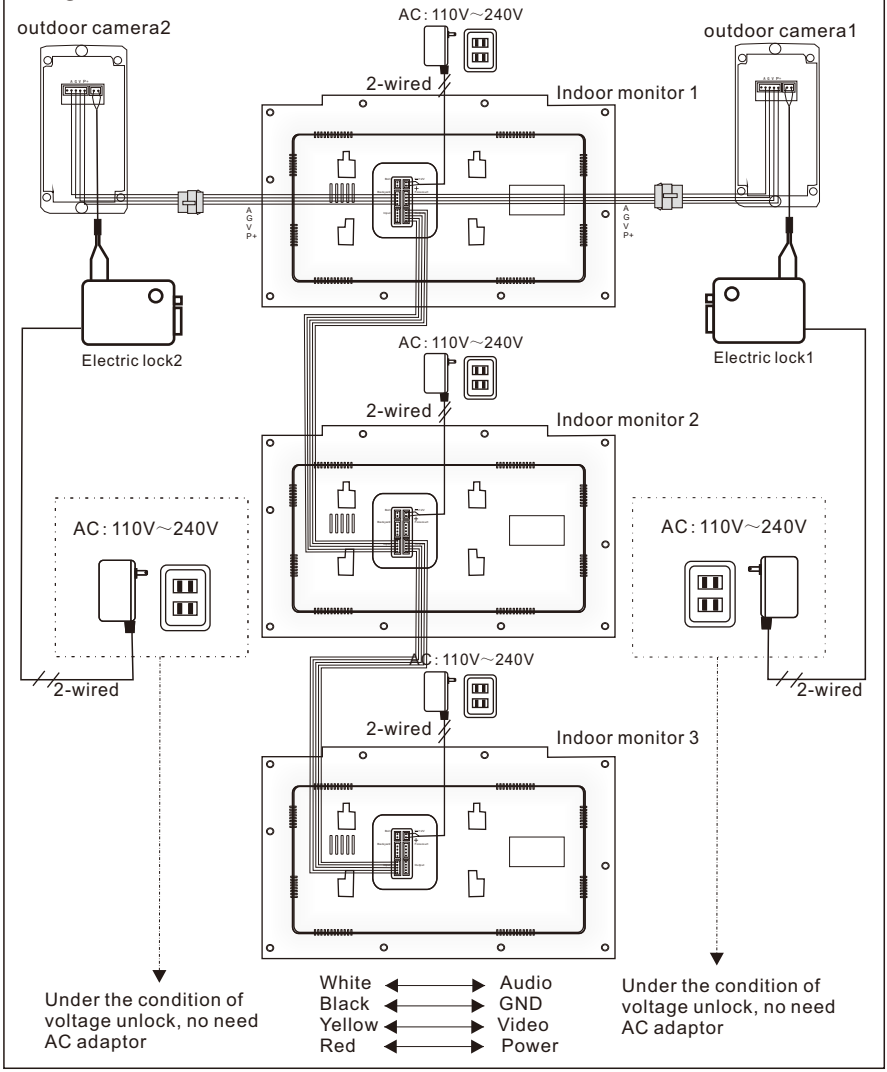


Notice

1、Don't place the screen direct to sunshine.
2、Do not install in water dropping or moist place.
3、Do not install near any strong magnetic field.
4、Do not install in too high or too low temperature circumstance(LCD screen's standard working temperature is (-15~50℃).
5、Do not install in where background noise is more than 70dB.

Wiring diagram

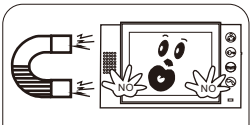
Digram of two to three



Trouble shooting

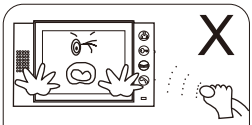
1. No sound while calling
   a.Make sure all connections are secure and properly connected.
   b.Make sure the volume knob on the monitor is turned up.
2.Unclear image
   a.Check and adjust the brightness knob to meet your requirements.
   b.Check if protecting film on the camera and infrared LEDs lights pull off.
2.Door not unlocking
   The wire of unlock is disconnected or short circuit.
4.Date and time is not accurate
   Re-set the date and time.

Notice



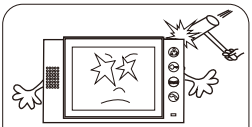
Do not place the product in a strong magnetic place.

1



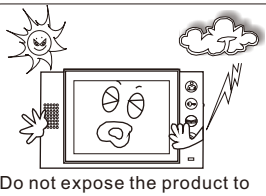
Do not allow water or other liquids directly into the machine.

2



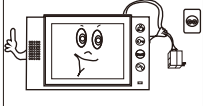
Do not apply a strong shock products.

3



Do not expose the product to strong light or strong radiation

4

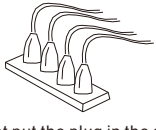


Please unplug power when long time no use.

5

Non-professionals do not disassemble

6



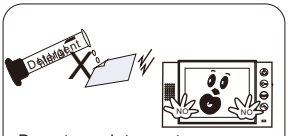
Do not put the plug in the socket simultaneously.It may generate abnormal heat,cause a fir or short circuit.

7

Do not install unit near the toxic gas.

8

Notice



Do not use detergents or chemicals to clean the indoor monitor.

9

Do not disassemble,repair or modify the product.Please contact your local service provider.

10

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: **TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

This symbol is intended to alert the user to the presence of uninsulated "**dangerous voltage**" within the sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying theappliance.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE

CAUTION: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY

CAUTION: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALFIED SERVICE RERSONNEL

CAUTION: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFERMOUNTING OFTHE OPTIONAL INTERFACE BOARD TO QUALIFIED SERVICE PERSONNEL