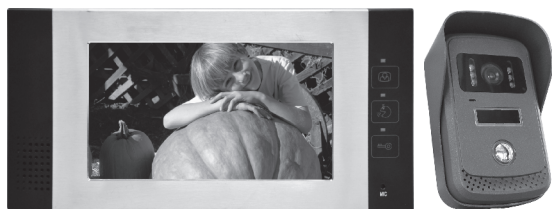


HAND-FREE COLOR VIDEO DOORPHONE



Installation and
Operation Manual

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1. Brief introduction



Thanks for using our products, the four wire system video doorphone is a luxury used to unitary flat for safety. It used advanced technology and newest chipset, which improves the stability of the system and far distance. The system has the function such as: hand-free surveillance, visible phone, lock control, infrared vigil, audio /video input, auto turn off, manual alarm and so on. The system has multi tie-in function such as one camera to one monitor, one to two, two to one, two to two and one to three. Which satisfied by customer's require for different villa.

The products is faddish, goodliness, generous, thinner and hanging on the wall, portable, take less place, which as a adornment. The function is dependable and easy to use, it is the perfect family burglarproof facility and widely used in unitary flat, villa, office and public building, which is the best present for your friend.

For the sake of your safety, please use series burglarproof facility! It will make your life safe and easy!

2. Functions

● **Powerful function**

Hand-free surveillance, auto display while calling, visible phone, lock control, infrared vigil, audio/video input, auto turn screen off, manual alarm and so on.

● **Hand-free phone**

While calling by the visitor, you only need to press Hand-free button and then communicate with the visitor. You do not need to take the phone by hand, easy to use.

● **High solution picture**

Using the high resolution camera and 7 inch TFT LCD color digital screen. The resolution is 480*3(RGB)*234. The picture is clear, nice, colorful and steady.

● **Conveniency in installation**

It is very simple to install, easily using and maintain.

● **Thinner for hanging on the wall**

Faddish, thinner for hanging on the wall, generous, portable, take less place, which as a adornment.

● **Multi Connection**

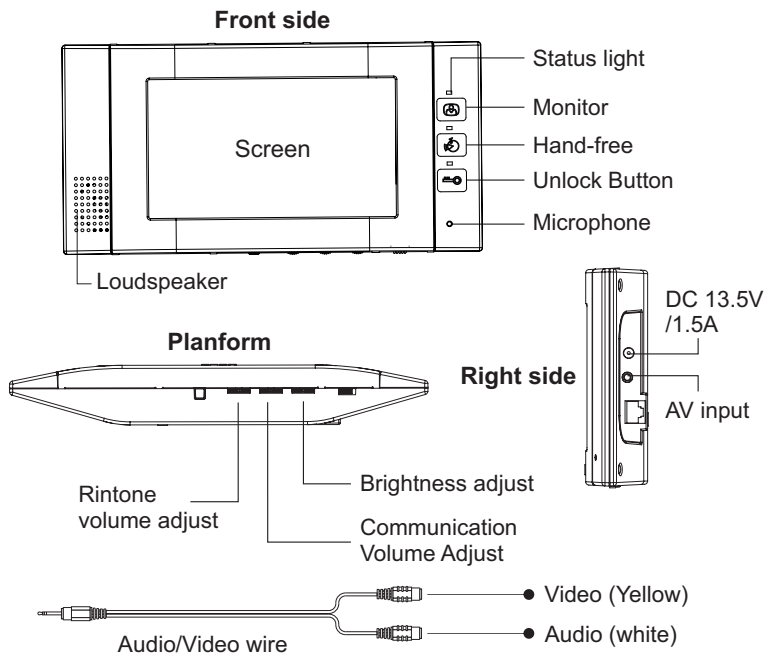
The system can be installed in multi tie-in manners as one camera to one monitor, one to two, two to one, two to two and one to three. It can satisfy the kinds of villa.

● **Security**

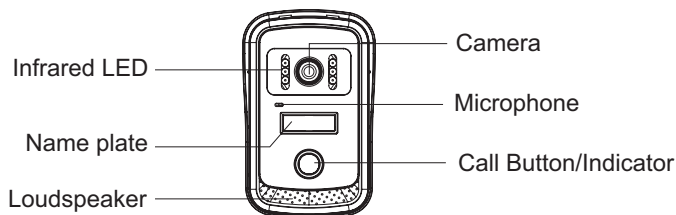
Infrared vigil: the system also can watch anything and see the visitor clearly at night. Sure who is there before unlock, which is safer. And manual alarm is another ensure for your safety.

3. Descriptions as illustrated

1. Indoor-monitor

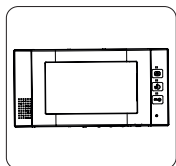


2. Camera



4. Preparations before installation

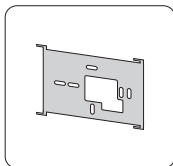
1. Check the pack



Indoor monitor



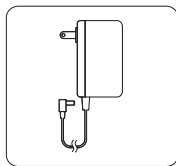
Camera



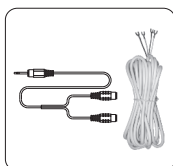
Monitor bracket



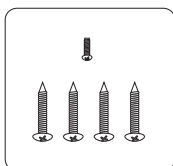
Operation manual



AC adapter



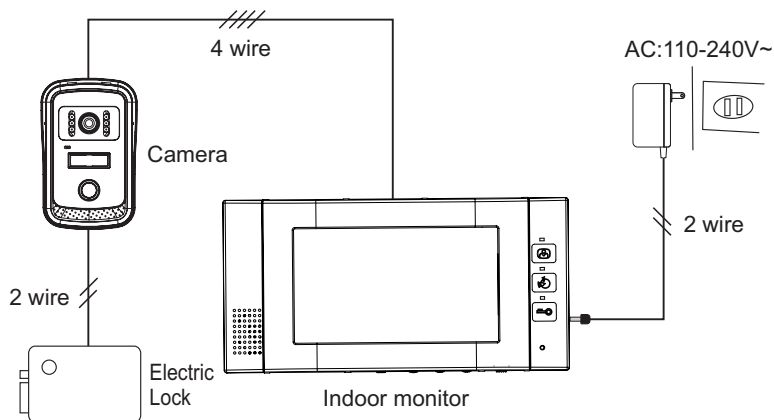
A/V cord and wire



Screw

5. Installation

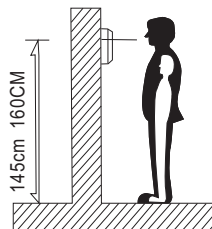
1. System diagram



5. Installation

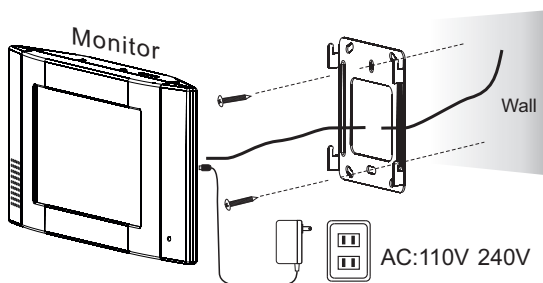
2. Installation of the monitor

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

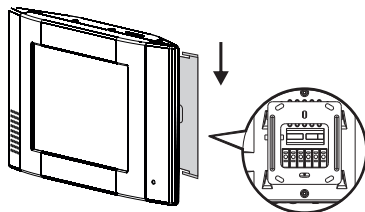


Please follow the below steps before installation:

1. Take two bolts fix the bottom piece on the wall and then install the monitor



2. Push indoor unit to mount bracket from the top down.

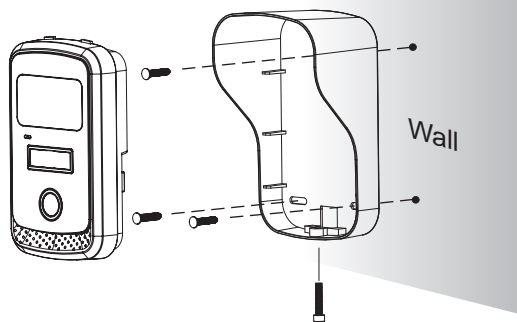
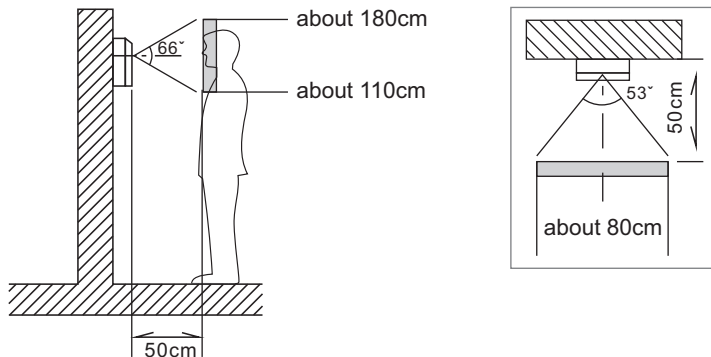


In case to pull out the indoor unit, please follow the step 1 and 2.

5. Installation

3. Installation of the camera

Positioning

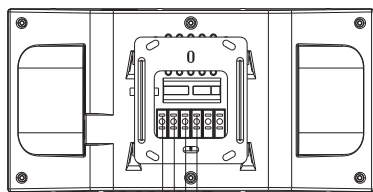


Notice:

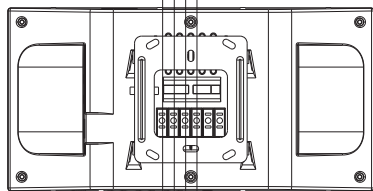
Do not install the camera on the places under the sunshine. If the street light or other light reflect at the back of the visitor, you need to install lamps to make the picture more clearer.

6. Wire connection

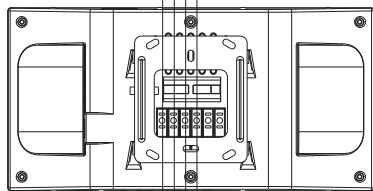
1. Diagram of one to three



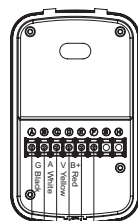
Monitor 1



Monitor 2



Monitor 3



Camera

Red
Yellow
White
Black

Red
Yellow
White
Black

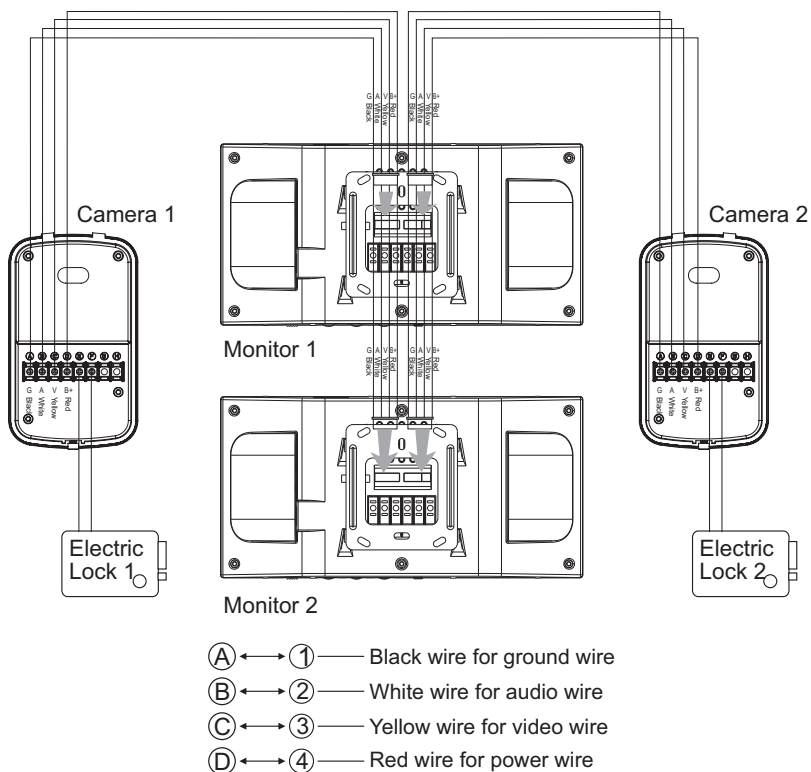
Red
Yellow
White
Black

- (A) ← ① — Black wire for ground wire
- (B) ← ② — White wire for audio wire
- (C) ← ③ — Yellow wire for video wire
- (D) ← ④ — Red wire for power wire

Electric
Lock

6. Wire connection

2. Diagram of two to two



Notice

1. Before install, please plug off the power supply cord. And plug the power supply cord after installation.
2. The length connecting wire between the camera and the monitor must be less than 100 metres.
3. For the clear picture, it is recommended to use the copper wire of 4 0.75mm².

7. Operation

Calling by the visitor

While the visitor press the Call button, the Ding Dong sound will be heard from the indoor monitor, and the picture of the visitor is displayed on the monitor screen. If no people at home or fail to press Hand-free button in time, the screen will be closed automatically at 60 seconds.

When seeing the picture of the visitor, press the Hand-free button to communicate with the visitor, and press the button again to turn off the monitor. If the communicate continue over 60 seconds, the screen will be closed automatically.

You can press the Unlock button to open the door and let the visitor in.

Stakeout

While standby state, press the Monitor button to display the outdoor picture.

Other operation

If you think the monitor volume is not applicable or the picture shown on the screen is too light or too dark, you can adjust the Volume and Brightness knob to reach pleased effect of volume and picture.

7. Operation



①

Press the Call button by the visitor.



②

The picture of the visitor is displayed on the monitor screen.



③

Press the Hand-free button and communicate with the visitor.



④

Press the Unlock button to open the door.

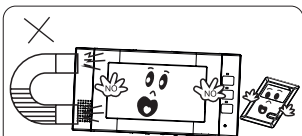


⑤

On standby, press the Monitor button then the outside picture is in stakeout.

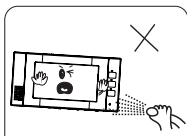
8. Note

As illustrated



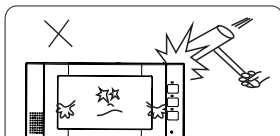
Do not put the doorphoe near the strong magnetic places.

1



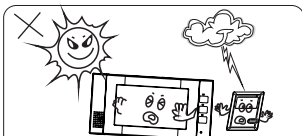
Do not spray water or liquid to the video doorphoe directly.

2



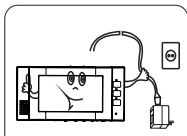
Do not shock the video doorphoe

3



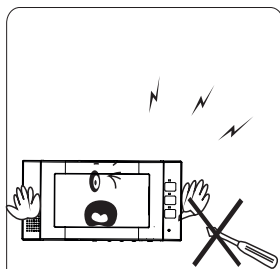
Do not expose video phone to the sunshine or strong reflection ray.

4



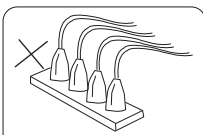
Plug off the power cord while not use for a long time.

5



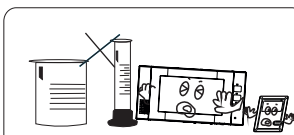
Do not try to dismantle the doorphoe, as the high voltage is inside it.

8



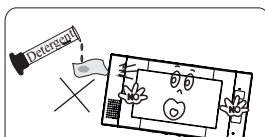
Do not insert plugs into a socket to be filled. (This will be caused a fire or short circuit)

6



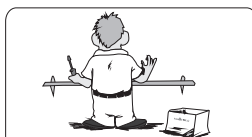
Do not installed the doorphoe near any ammonia or poisonous gas.

7



Do not wipe the machine with detergent or other chemic impregnant.

9



Do not try to dismantle the machine while failure to function. Please contact with the local service.

10

9. Trouble shooting

1. No sound while calling
 - a. The connection cable between monitor and camera is loose.
 - b. The volume has be turned to the end.
2. Unclear image
Please check if the brightness is turned to too down, please adjust the brightness knob.
3. Can not unlock
The wire of unlock is unconnected or short circuit.

10. Specifications

Indoor-monitor

Power Supply	DC 13.5V
Power Consumption	Standby: 140mA; Working: 450mA
Screen	7" TFT color digital screen
Resolution	480*3(RGB)*234
Brightness	300cd/m2
Video Input	1Vp_p
Cutoff-Time	Stakeout: 1 minute; Conversation: 1 minute
Mike Sensitivity	7. dB-
Operation Temperature	-10 +50
Call Tone	"Ding Dong" chime
External Dimension	234(L)*29(W)*189(H) mm

Outdoor-camera

Power Supply	DC 12V(supplied by the monitor)
Power Consumption	Working: 2W
Imagery Angle	Diagonal: about 53
Lamp-house at Night	Infrared LED
Operation Temperature	-10 +50
External Dimension	145.2(L) 92.1(W) 57.5(H) mm

Warning:

To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

The mains plug is used as the disconnect device, the disconnect device shall remain readily operable, and it shall be disconnected from the mains completely.

- ˘ The plug is used as disconnect device from the mains supply, the plug shall remain readily operable.
- ˘ The apparatus should not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- ˘ No naked flame sources, such as lighted candles, should be placed on the apparatus.

Notice:

- ˘ Due to continuing improvements, the features and design are subject to change without notice.
- ˘ This manual is only intended for reference. No further notice is available to any modification of all information contained therein.
- ˘ For the imprecision, mistake or misprint in the manual, will be explained by the producer only.

We are connected by true feeling !



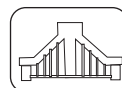
Door Guard



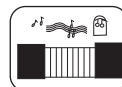
Warehouse



Baby Room



Gate Switch



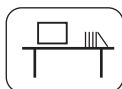
Visitor Door



Night Vision



Inter-com



Office