

# 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: visible phone, hand-free surveillance, unlock, capture pictures of visitors, infrared vigil, every household intercom function, auto turn off, 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, godliness, 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**

Support picture capture function, can store 20 pictures and automatic overwrite, auto turning off to save power.

### ● **Security**

Unlock: to avoid miss press on "unlock" button, unlock function is only operated while monitor is turned on, that ensure the safety of your house.

### ● **High solution picture**

Using the high resolution camera and 7 inch TFT LCD color digital screen. The resolution is 800~RGB~480. The picture is clear, nice, colorful and steady.

### ● **Multi Connection**

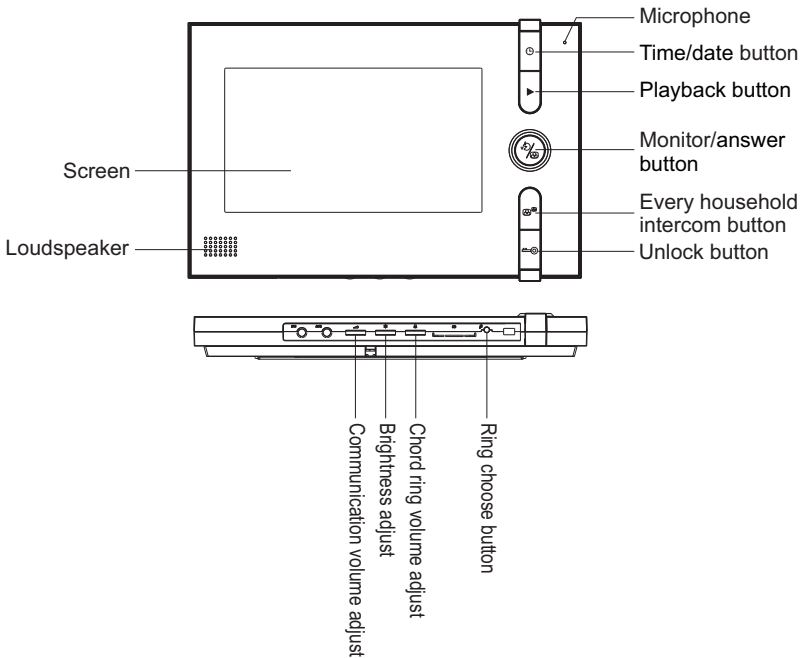
The system can be installed in multi tie-in manners as one camera to one monitor, one to two, two to one, two to two and one to three. It can satisfy the kinds of villa.

### ● **Conveniency in installation**

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

### 3. Descriptions as illustrated

#### 1. Indoor-monitor



#### 2. Camera

##### Microphone

for communication with the indoor monitor

##### Infrared light tube

The in-set Infrared light tube enable you to distinguish the visitor under the insufficient light

##### Loud Speaker

##### Pinhole lens of the Camera

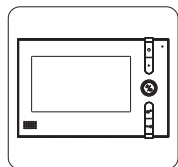
The lens can transmit the picture of the visitor to the monitor

##### Call button

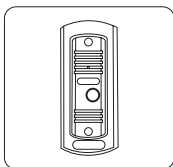
When the visitor presses this button, the visitor's picture will be displayed on the monitor and a sound of music will remind you the visitor's coming.

## 4. Preparations before installation

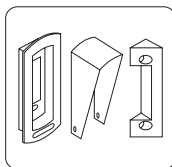
### Check the pack



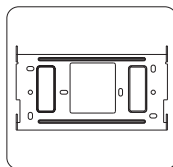
Indoor monitor



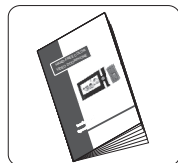
Camera



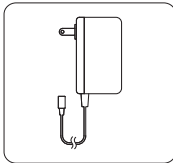
Camera accessory



Monitor bracket



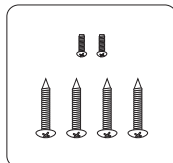
Operation manual



AC adapter



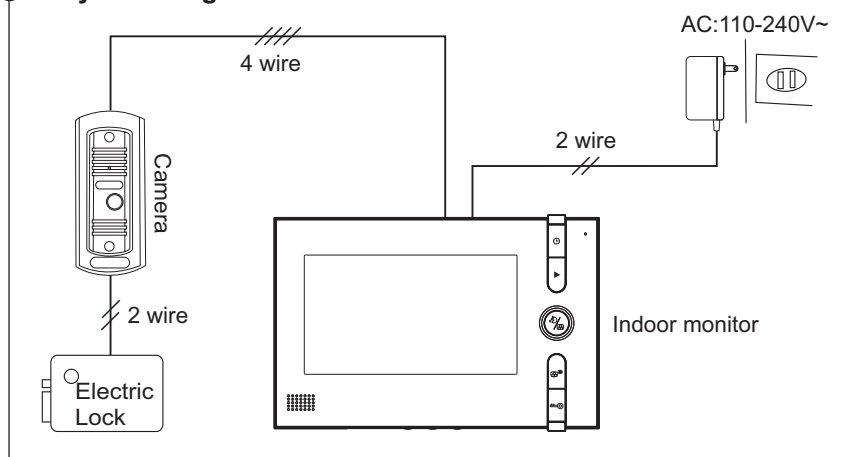
Wire



Screw

## 5. Installation

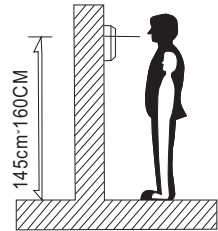
### 1. System diagram



## 5. Installation

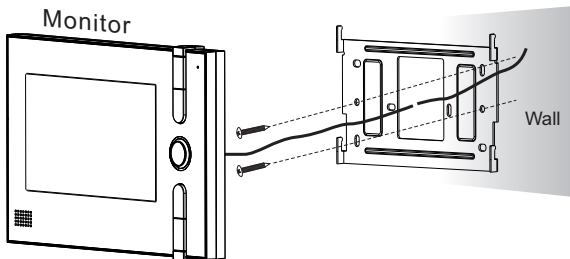
### 2. Installation of the monitor

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)

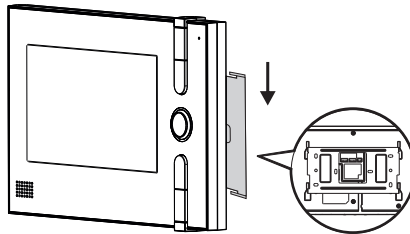


Please follow the below steps before installation:

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.

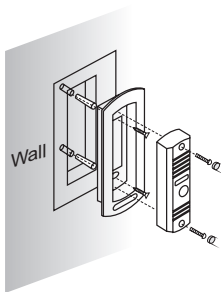
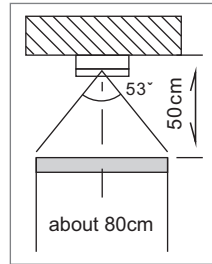
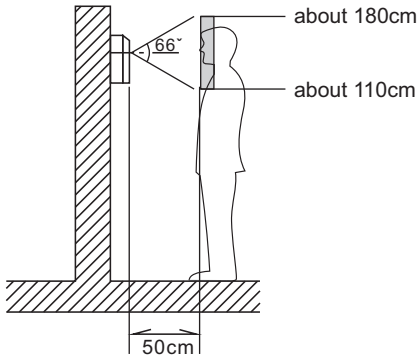


In case to pull out the indoor unit, please follow the step 1 and 2.

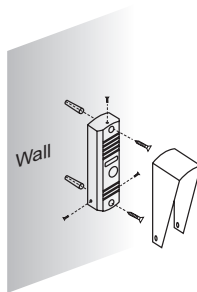
## 5. Installation

### 3. Installation of the camera

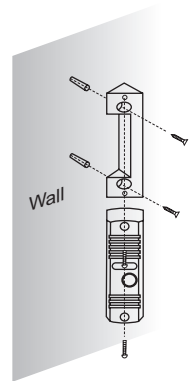
#### Positioning



(1) Flush mount type



(2) Surface mount type



(3) Bevel-surface mount type

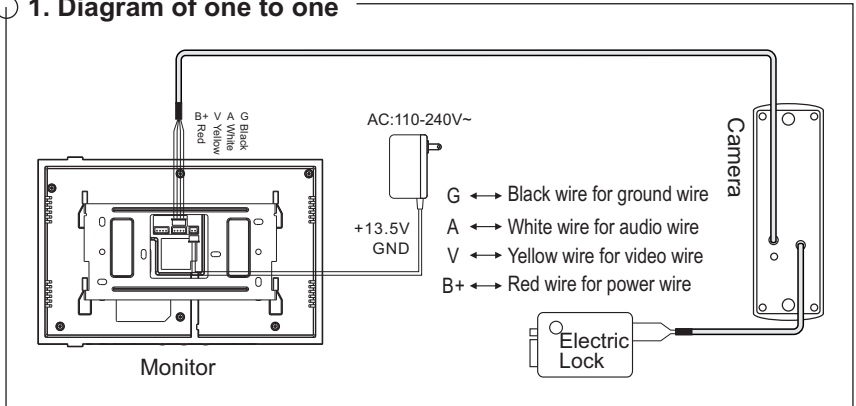
#### Notice:

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.

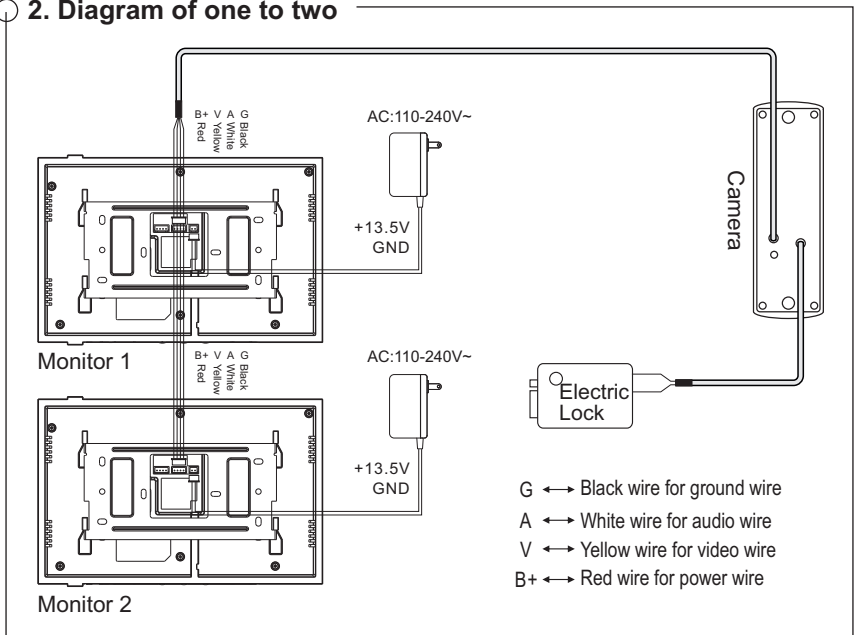


## 6. Wire connection

### 1. Diagram of one to one

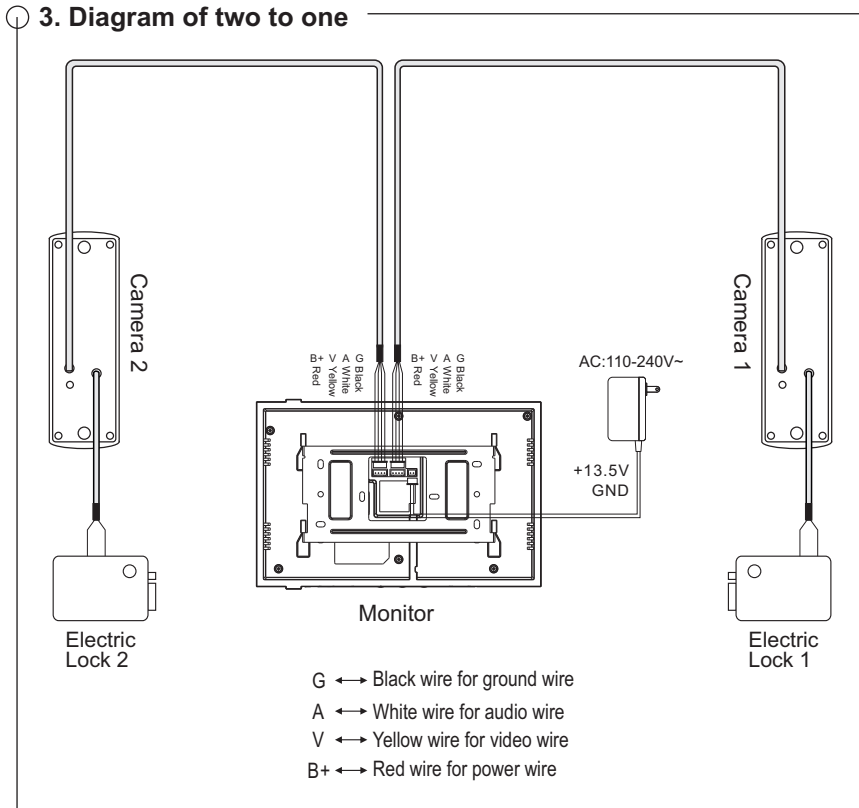


### 2. Diagram of one to two



## 6. Wire connection

### 3. Diagram of two to one

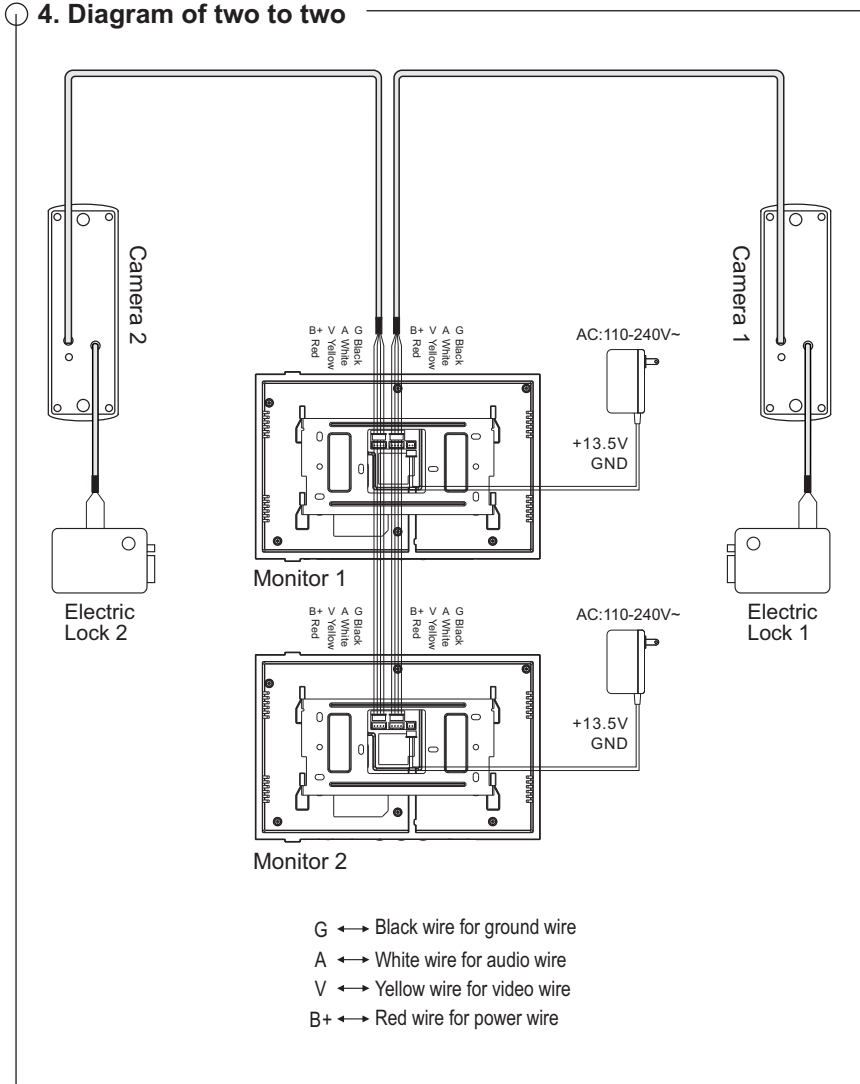


### Notice

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 50 metres.
3. For the clear picture, it is recommended to use the copper wire of  $4 \times 0.75\text{mm}^2$ .

## 6. Wire connection

### 4. Diagram of two to two



## 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 display on the monitor screen.

When seeing the picture of the visitor, press the MONITOR/ANSWER button to communicate with the visitor, and press the UNLOCK button to open the door and let the visitor come in. After communicate, press MONITOR/ANSWER button again to finish the call the screen will also turn off.

If the holding time over 60 seconds, the extension monitor will automatic turn off .

### ▸ **Stakeout:**

While Standby state, press the MONITOR/ANSWER button then will display the outdoor picture on the monitor.

### ▸ **Intercom function: (only available when more than 2monitors)**

When power on and standby, click INTERCOM button to ring other indoor monitors, thereafter, other monitors can answer by click MONITOR/ANSWER button, click again to hangup.

Remarks: if any of the monitor need do MONITOR, please hangup the intercom first, or you have to wait 60seconds till the intercom is off

### ▸ **Chord ring setting:**

Press the RING button to enter the ring setting and then press one more time to change the ring, there are total 9options, click MONITOR/ANSWER button to confirm the existing ring-tone.

### ▸ **Language Setting:**

aa When power on and standby, click MONITOR/ANSWER, then TIME/DATE button to enter MENU, clic a TIME/DATE button again to swift different languag

### ▸ **Date and Time setting:**

a When power on and standby, click MONITOR/ANSWER button, and TIMING/DATE button to nter a MENU, then PLAYBACK button will be used for CONFIRM, TIMING/DATE will be turning up bu ton, RING will be turning down button setting up date from YEAR to MONTH to DAY, after all done, click MONITOR/ANSWER button to SAVE and EXIT.

### ▸ **Playback:**

When standby, click MONITOR/ANSWER button, then PLAYBACK button to play back the last picture, click TIMING/DATE button to review the next picture, MONITOR/ANSWER button to exit, or it will be exit automatic in 60seconds.

### ▸ **Photo delete:**

When standby, Click MONITOR/ANSWER button, then TIMING/DATE button to enter MENU, PLAYBACK button will be used for CONFIRM, choose DELETE ALL and click TIMING/DATE button to delete all pictures.

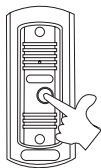
### ▸ **AUTO recover:**

When there are 20pitures recorded, the system will AUTO recover the earliest picture to be the latest one.

### ▸ **Others 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



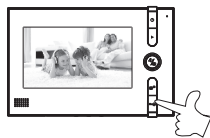
Press the Call button by the visitor.



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



Press the Monitor/answer button and communicate with the visitor.



Press the Unlock button to open the door.



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



Press the Monitor/answer button and then press the look back button, then you can see the visitors' photos .

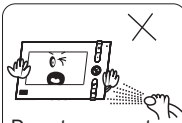
## 8. Note

### As illustrated



Do not put the doorpoh near the strong magnetic places.

1



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

2



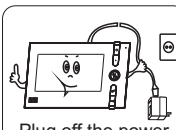
Do not shock the video doorpoh

3



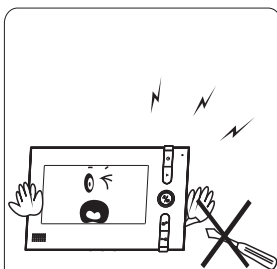
Do not expose video pohn to the sunshine or strong reflection ray.

4



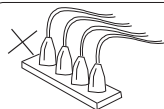
Plug off the power cord while not use for a long time.

5



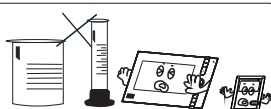
Do not try to dismantle the doorpohn, as the high voltage is inside it.

8



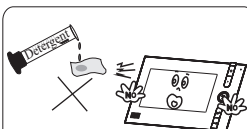
Do not insert plugs into a socket to be filled. (This will be caused a fire or short circuit)

6



Do not installed the doorpohn 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

- The connection cable between monitor and camera is loose.
- The volume has be turn to the end.

### 2. Unclear image

Please check if the brightness is turned to too down, please adjust the brightness knob.

### 3. Can't unlock

Unlock cable is not well connected, or shortcut. Or, the connection cable is too far away or too slim from the indoor and outdoor unit, please try to change to better quality cable. Otherwise, please check if the electric lock is compatible with this product.

### 4. Date/time are inaccurate

When the power dropped or draw out, insert the power again, the date and time will be inaccurate, only need to reset it.

## 10. Specifications

### Indoor-monitor

Power Supply	DC13.5V
Power Consumption	Standby: $\leq 1.5W$ ; Working: $\leq 8W$
Screen	7" TFT color digital screen
Resolution	$800 \times 480$ RGB
Video Input	1Vp-p
Cutoff-Time	Stakeout: 1 minute; Conversation: 1 minute
Mike Sensitivity	$-36 \pm 2dB$
Operation Temperature	$-10 \sim +50 \text{ } ^\circ\text{C}$
Call Tone	chord ring
External Dimension	237*158*28(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°~+0.°
External Dimension	160*70*26 (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 form 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 !



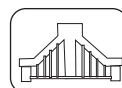
**Door Guard**



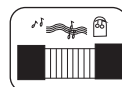
**Warehouse**



**Baby Room**



**Gate Switch**



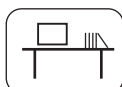
**Visitor Door**



**Night Vision**



**Inter-com**



**Office**