

# Hands-set Color Video Intercom System



## **USER MANUAL V1.1**

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## **COLOR VIDEO DOOR PHONE**

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## FEATURES

- 3.5" Digital LCD screen
- Hand-set
- Surface-mounted
- Brightness/Color/Contrast adjustment
- Simple operation

## BASIC FUNCTIONS

- Support unlock door from monitor
- Support room-to-room internal communication
- Support door call transfer to the other indoor monitors

## SUPPORT SOLUTIONS

Solution 1: 2 doorbells + 4 monitors

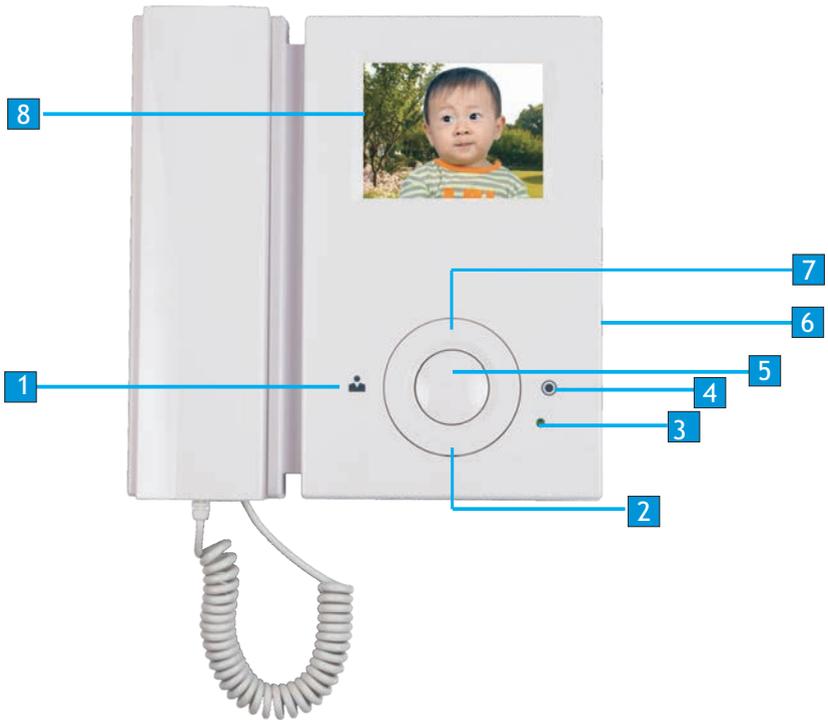
Solution 2: 2 doorbells + 1 CCTV + 1 monitor

Solution 3: 1 doorbell + 2 CCTV + 1 monitor

## SPECIFICATIONS:

Display screen	3.5" color analog LCD
TFT Resolution	320*240
Video channels quantity	1 doorbell+ 2 CCTV
Additional monitors quantity	Up to 3
Power(Rated Power/standby power)	AC110-240(8W/0.4W)
Key type	Mechanical key
Connection/Effective length	4 wires/100m
Dimension	192(W)×195(H)×31(D)mm

## DESCRIPTIONS OF MONITOR(FRONT)



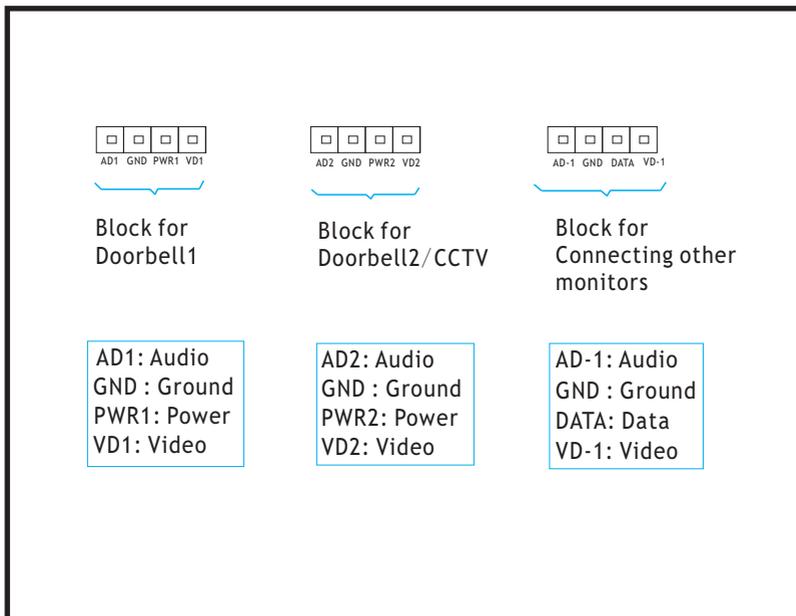
- 1** Monitor doorbell/CCTV camera
- 2** Adjust brightness/contrast/color/Move cursor/Change options
- 3** Indicator
- 4** Call transfer/Make intercom
- 5** Long press: Enter into system setting/ Saving settings  
Short press: Unlock/ Choose /Return
- 6** Power on/off
- 7** Adjust brightness/contrast/color/Move cursor/Change options
- 8** LCD Screen

DESCRIPTIONS OF MONITOR(REAR)



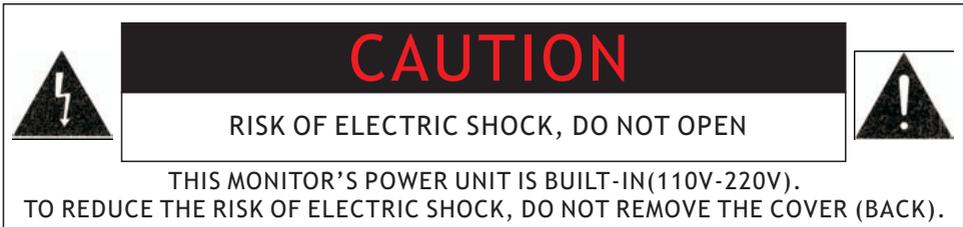
**11** Terminals

**12** Power cable



# INSTALLATION

# GUIDE



*Graphic Symbol Explanation:*



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated `dangerous voltage` within the product`s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

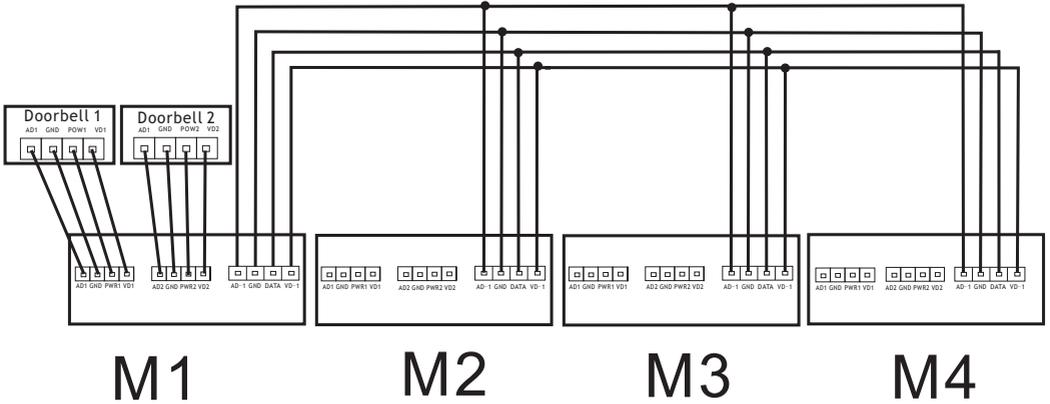


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating maintenance servicing) instructions in the literature accompanying the appliance.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE**

## DIAGRAM(4 MONITOR +1 DOORBELLS + 1 CCTV)

### SOLUTION1



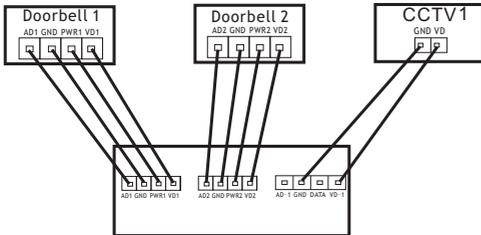
M1

M2

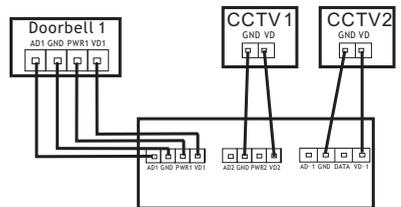
M3

M4

### SOLUTION2



### SOLUTION3



## SINGLE MONITOR INSTALLATION

### Installation Instructions

Refer to relevant wiring diagram for the system you have chosen and ensure you have the correct cable.

Determine Monitor positions and heights:

- suggest to install at 1.5~1.6Meters;
- suggest distance between indoor monitor and doorbell is at least 350 mm;

Unplug the connection terminal from the back of the monitor.

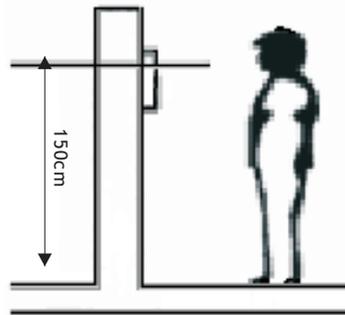
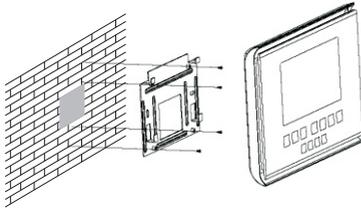
Ensure no power supply connection.

Connect cables as per the wiring diagram indicated.

Remove top and bottom fascia trim for mounting points.

Fix the monitor onto the bracket.

Connect power when doorbell is installed.



## SINGLE DOORBELL/CAMERA INSTALLATION

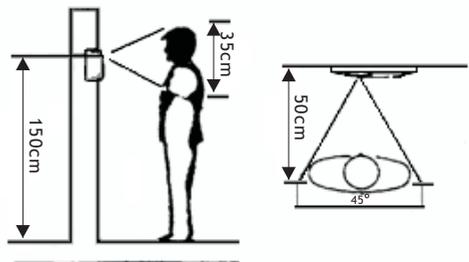
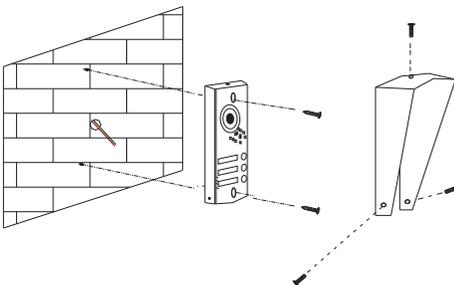
Please select the most suitable doorbell position, avoid direct sunshine to camera, dark surroundings, rain.

Determine doorbell installation height: suggest to be 1.5~1.6meters.

Run cable through the doorbell mounting plate.

Connect cable to doorbell as system wiring diagram indicated.

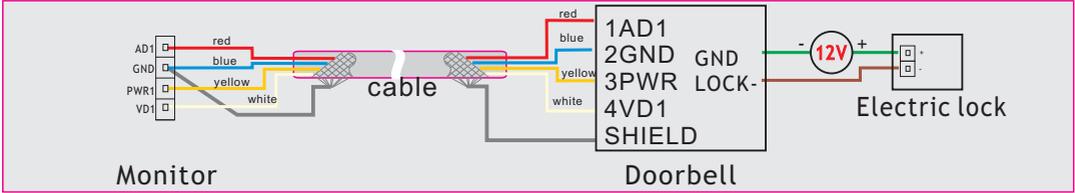
Fasten doorbell onto its mounting plate and secure doorbell with screws.



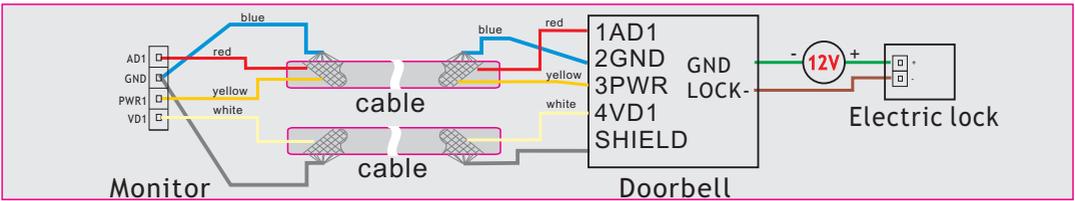
## Cable Specification

When signal is from monitor , cable specification is:

- Distance between monitor and door station is less than 30 meters ,shielded 4\*0.5mm<sup>2</sup> cable is available;



- Distance exceed 30 meters, please choose SYV-75-3 coaxial cable for video with another shielded 2\*0.5mm<sup>2</sup> cable or professional cable SYV-75-3 +RVVP 2\*0.5(recommend)





**OPERATION**

**GUIDE**

## OPERATION GUIDE

### HOW TO ANSWER WHEN SOMEONE PRESSES DOORBELL

When a visitor presses doorbell, all the indoor monitors in this house will chime simultaneously, the screen will show PLEASE TAKE UP, you will see the visitor is in front of the DOORBELL1 or DOORBELL2 . Take up the handset then you have 60 seconds to talk with the visitor. If you want to unlock the door for the visitor, press  button, then DOOR1 UNLOCKED will show on the screen. The unlock delay time is 3 seconds, and the screen will be turn off in 5 seconds.

### HOW TO MONITOR DOORBELLS OR CCTV CAMERAS

There are 3 channels images for your viewing: DOOR1, DOOR2/CCTV1, CCTV2

The system would automatically detect the connected doorbells and CCTV.

- 1) Press  button one time, viewing images of DOOR1
- 2) Press  button second time, viewing images of DOOR2/CCTV1.
- 3) Press  button third time , viewing images of CCTV2.
- 4) Press  button fourth time, the screen will be turn off.

The surveillant time is 8 hours for CCTV cameras and 2 minutes for Doorbells.

### HOW TO UNLOCK DOOR2 WHEN TALKING WITH DOOR1

Sometime, when you are talking with DOORBELL1, you will see a sentence on the screen says, `SOMEONE IS VISITING DOOR2`, that means another person is pressing DOORBELL2.

If you want to talk with the person at DOOR 2, press  the call from DOOR 1 would be turn off, and now you can talk with the person at DOOR 2. If make sure it is safe, press  the door for him/her and the word DOOR2 UNLOCKED will show on the screen, the unlock delay time is 3 seconds. The screen will be turn off after 5 seconds.

## HOW TO UNLOCK THE DOOR WHEN MONITORING DOORBELL

At monitoring state, if someone presses the doorbell, you may pick up the handset to talk with the visitor, press  to open the door.

**If you have more than one monitor (up to 4 monitors) in your house, you have rights to make below operations.**

## HOW TO TRANSFER THE VISITOR-CALLS AMONG MONITORS

When somebody presses doorbell, all the indoor monitors in this house will chime simultaneously, the screen will show PLEASE TAKE UP, you may see the visitor is in front of the DOOR1 or DOOR2 .Then pick up the handset to talk with the visitor. If the visitor wants to talk with another person, press  button, (the words TRANSFERRING TO OTHERS will show on the screen), all the other monitors in other room will chime, and another person can pick up the handset to talk with the visitor.

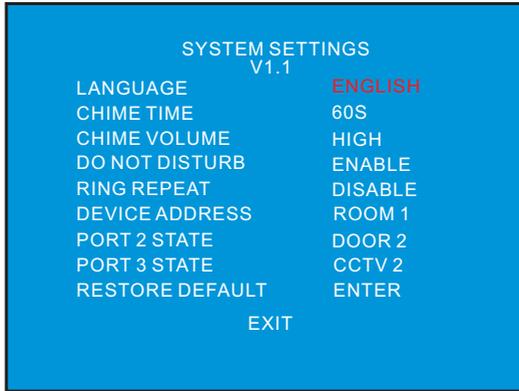
## HOW TO MAKE INTERNAL CALL AMONG MONITORS

If you want to talk with the other monitor, please pick up the handset , press  then you can talk with him/her.if you have more than 2 monitors (up to 4) connected together you can choose the monitor no. on the screen that you want to talk with.

Note: When you are making internal talk, if a call is coming from doorbell, the visitor-call will be prior to internal-call function. Now please press , the visitor`s image appear on the screen, then you can talk with the visitor. If there is another doorbell rings, long press  can transfer the call from DOORBELL1 to DOORBELL2.

## SYSTEM SETTING

At standby state, long press  , you can enter into system setting as following pictures:



### HOW TO SET CHIME TIME

At system setting screen, press  and move the cursor to CHIME TIME line, short press  , then the option will turn white ,press  or  to change the value, press  again, the option will be normal.

Through similar operation, you can set the other system settings.

### HOW TO ADJUST BRIGHTNESS/CONTRAST/COLOR

When talking with doorbell or monitoring doorbell/CCTV camera, press  or  ,brightness adjust menu will appear on the screen ,press  or  to adjust it . Press  ,it will change to contrast adjust menu, press  again ,it will change to color adjust menu.

## SYSTEM SETTING MENU

SYSTEM SETTING MENU			
No.	Setting items	Options	Note
1.1	LANGUAGE	ENGLISH	
		RUSSIAN	
1.2	CHIME TIME	10S/15S/20S/25S/30S/35S/40S/45S/50S/55S/60S	Chime duration time
1.3	CHIME VOLUME	HIGH	
		LOW	
1.4	DO NOT DISTURB	DISABLE	
		ENABLE	
1.5	RING REPEAT	DISABLE	The monitor will ring just once the visitor press the doorbell
		ENABLE	The monitor ring will be off when the chime time arrives
1.6	DEVICE ADDRESS	ROOM1 /2 /3 /4	The option will be red if two monitors set the same address
1.7	PORT2 STATE	DOOR 2	Only valid when the device address set "ROOM1"
		CCTV 2	
		CCTV 1	
1.8	PORT3 STATE	MONITOR	
		CCTV 2(optional)	Only valid when the device address set "ROOM1"
1.9	RESTORE DEFAULT	ENTER	The system will restore default by this operation.

## CARE INSTRUCTION

- 1) Please ensure you use the recommended cable for the conditions set out in this guide.
- 2) Do not use cleaning agents or solvents on the screens of these products. Use a moist damp cloth and gently wipe lens surfaces outwards.
- 3) Image distortion may occur if your equipment is mounted too close to magnetic field e.g. microwaves, TV, audio equipment or speakers.
- 4) The Doorbell/Camera should be fitted with an approved weather shield if the position chosen is in direct sunlight, or in contact with rain, snow or irrigation sprinkler systems.