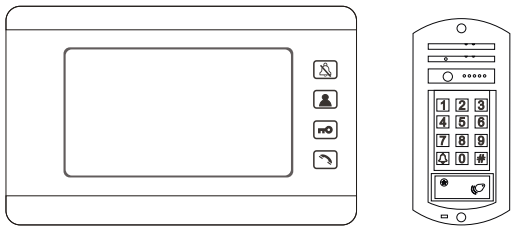


# VIDEO DOOR PHONE

## Instruction Manual



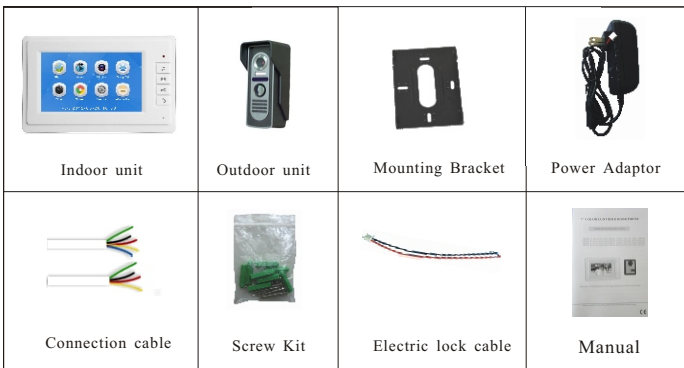
Please read the Operating Instruction carefully before using

### ANNOUNCEMENTS

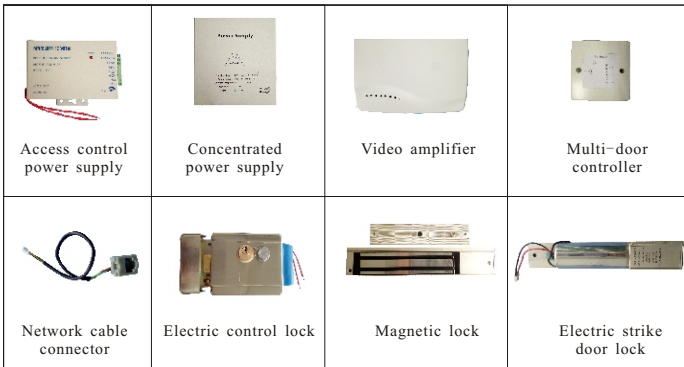
- 1.Do not install the indoor unit in a place with very high temperature or humidity, and it should far away from TV set.
- 2.Do not touch the equipment with wet hands, and do not let water or other liquids flow into the machine.
- 3.In order to keep the screen clean, soft cloth with glass cleaner without 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. Please return the machine to our after-sales department if it can not work normally. Please do not disassemble the machine and repair.



### Appearance of product



### Optional accessories



### PRODUCT INTRODUCTION

#### Indoor unit



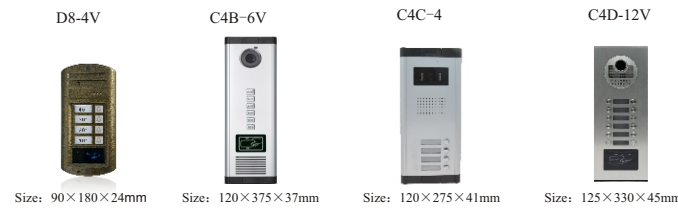
#### Outdoor unit



### Card reader/Password unlocking



### Multi-family(two-twelve apartments)



### INDOOR UNIT SPECIFICATION

SCREEN SIZE	9 INCH	8 INCH	7 INCH
PARAMETER			
DISPLAY SCALE	16:9	4:3	16:9
RESOLUTION	800×480Pixel	800×600Pixel	800×480Pixel
STANDARD	PAL/NTSC(automatic)		
LANGUAGE	Default Chinese/Eglish		
THE BELL	Ten songs and spin tones		
POWER CONSUMPTION	≤ 6W/Standby<1W		
INPUT VOLTAGE	AC100V-240V~50HZ/60HZ		
POWER ADAPTER	DC15V 1200mA		
CONVERSATION DELAYED	120S±10%		
MONITOR THE DELAY	40S±10%		
OPERATING TEMPERATURE	-10℃~+60℃		
RELATIVE HUMIDITY	10%~90%(RH)		
INSTALLATION	Wall-mounter or desk-top holder		

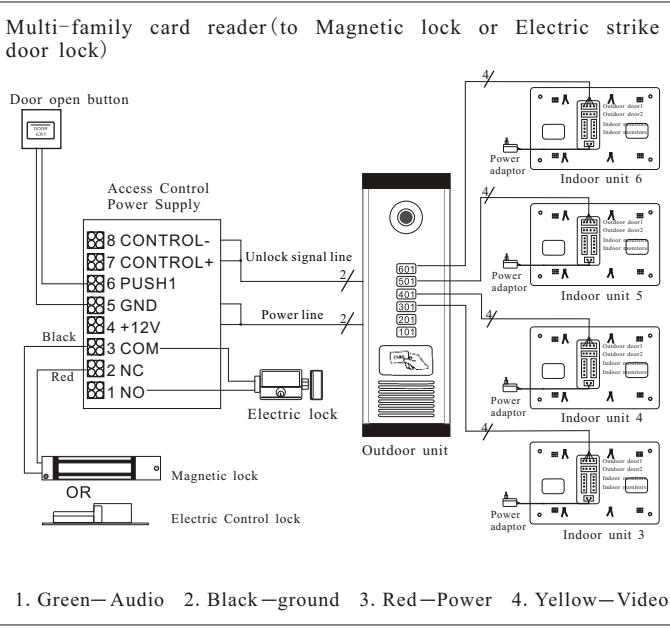
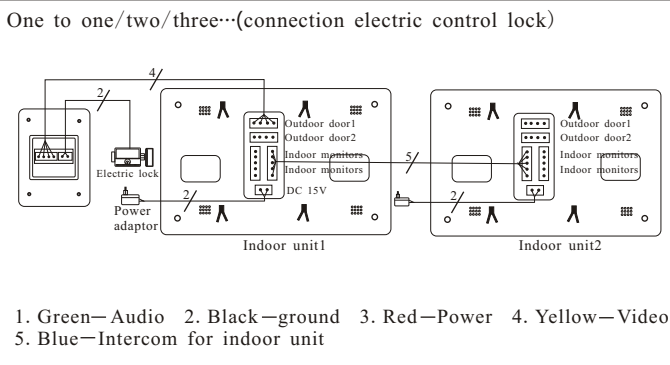
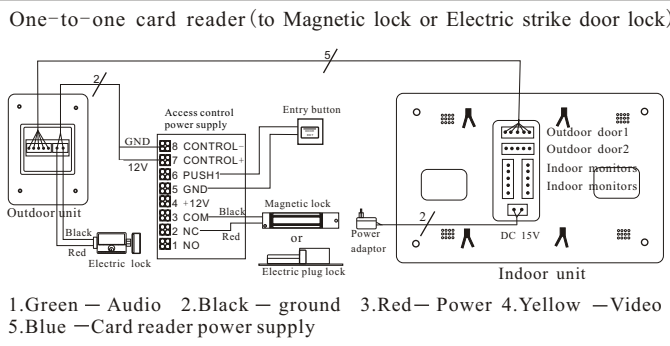
### OUTDOOR UNIT SPECIFICATION

- Infrared lamp lighting distance: approximate 4 meters
- Gain control: auto
- Resolution: 700TVL/100W
- Image transmission distance: approximate 200 meters
- Visual angle: 90°/120° wide angle(Optional)
- Power: DC 15V (provided by the extension phone directly)
- Camera : High definition and colorful CMOS/CCD(optional)
- Outdoor infrared night vision function: 10 LUX infrared
- Operating Temperature:-25℃~+60℃
- Outdoor unit installation method: embedded or wall-mounted type

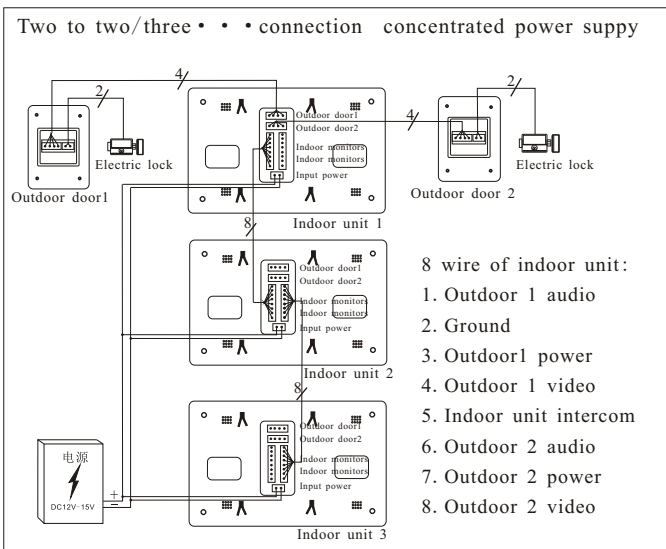
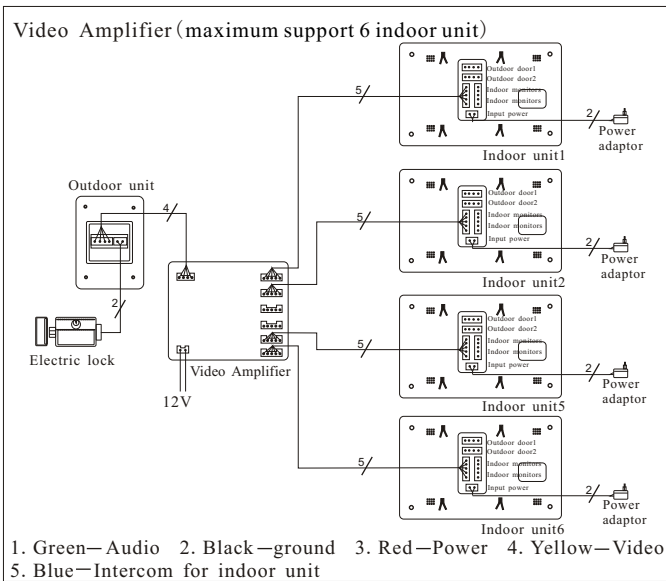
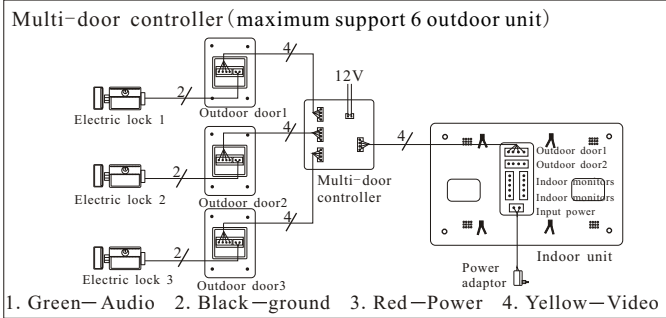
### PRODUCT FEATURES

1. Color TFT digital LCD screen, low power consumption without radiation, real wide display with high resolution.
- 2.Hands-free talkback function.
- 3.Electronic control lock function.
- 4.Outdoor monitoring function.
- 5.Indoor mutual talkback function.
- 6.Voiding disturbing during rest time function. ( Some models support)
7. Photo/Recording:The unit is with build in 4M memory(can store 50pcs photos), also you can insert external memory card into the system for photo/recording.It will photo automatically and make a 45S(Memory about 10M), video once the visitor pressing the outdoor camera call bottom .if the memory is full.The new file will overwrite the earlier file automatically (Note:the item should be installed with TF card in advance)
- 8.Read card function , Unlock by reading the user card on the outdoor unit reader area . It can support up to 2000 user cards.
- 9.Touch screen control has a beautiful UI interface, Humanized operation more convenient and faster.
- 10.Human infrared sensor function,can take picture or video after triggering.( Some models support)
- 11.Brightness, color and sound volume of indoor phone can be adjusted.
- 12.Indoor phone has thin design, aluminum deck or top grad Acrylic panel electroplating buttons; all of this makes its luxurious high-quality decorative style.
13. There are 10 pieces beautiful chord music ringtone can be chosen.
14. Outdoor station is exquisite and durable; it has function of viewing at night by infrared.The Embedded installation makes it nice and safe.
15. The available distance is 200M to connect the connection wire; it will not affect the picture it shows and talkback.
- 16.Complete accessories are attached, users can install the machine by themselves according to the “Operation Instructions”, they also can enjoy the happiness which is from the installation.

### WIRING DIAGRAM







## INSTALLATION INSTRUCTIONS



1. Use screws to fix the installation board of indoor unit on the wall, hang the phone on the installation board after connecting the wire.  
2. 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). There are two specific ways to install the product; Wall Mounting type and Embedding type.

1) Wall mounting type: at first, please detach the screw which is fixed below the button by screw driver for disassembling the host machine, punching four holes on the wall you choose with the screws' location on the board; use rubber plugs in the accessories bag to push into four holes, tight the screws well and fasten the hanging board; connect the connection wire well like the connection drawing shows; finally make the outdoor unit fixed on the board and screw up.

2) If you choose Embedding type to install the machine please leave the room for installation of outdoor unit in advance and then it can be followed the Wall Mounting type to install.

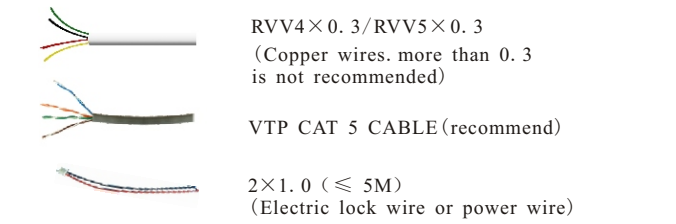
3. The talkback distance is 40cm for the outdoor station. (like it shows on picture B)



4. Please use the pure copper wire if you need to extend the connecting cables. You should use video amplifier if the total length of Wire more than 50 Meters in one to more system. otherwise the signal will be unstable, one-one system use Network cable is more better. The outdoor station connection with 2 cores of conductor and terminal will separately connect the positive and negative poles of electronic control lock, the connection wire should be used 2×1.0MM square meter.

5. Mode of connection: after connecting the entire outdoor and indoor unit, plug the attached power adaptor into alternating current power supply; plug the output plug of adaptor into electrical socket outlet of indoor unit.

## WIRE SELECTION



(NOTES: Avoid close to high voltage power lines. More than 50cm available)

## OPERATION INSTRUCTIONS

1. (one-to-one) Connect the cable with the outdoor camera, the other side to the INDOOR MONITOR socket, and then connect the 2P cable to the indoor monitor socket, at last plug the power in.

2. When the visitor presses the Call button in the outdoor unit, the indoor unit rings and shows the visitors' image. When the housemaster presses the talkback button, they can talk with each other. The talk time and image delay is approximate 120 seconds.

3. When the unit is power on, you can press unlock button in the indoor unit to unlock the electronic control lock.

4. When you press the monitor button in the indoor unit, you can monitor the outdoor situation for 40 seconds each time.

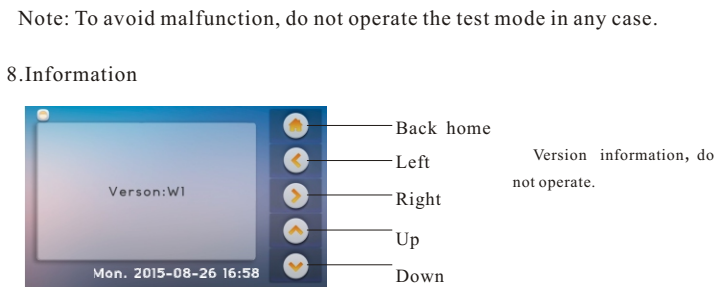
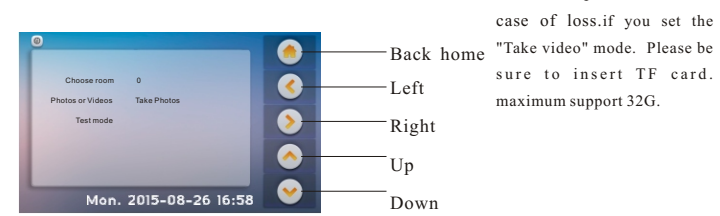
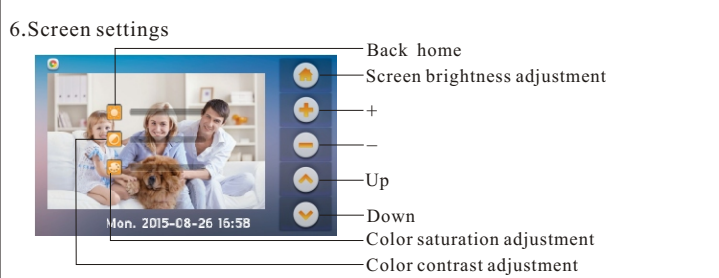
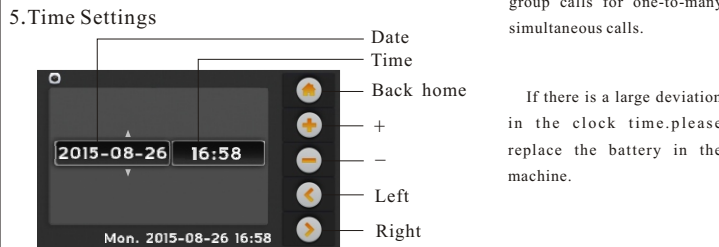
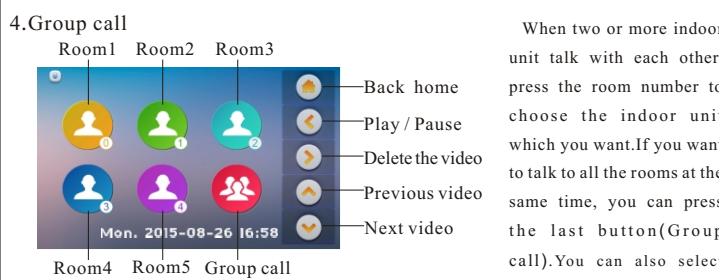
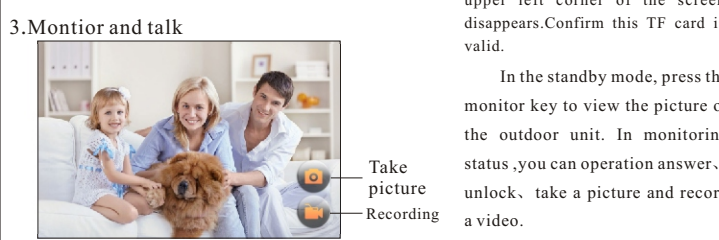
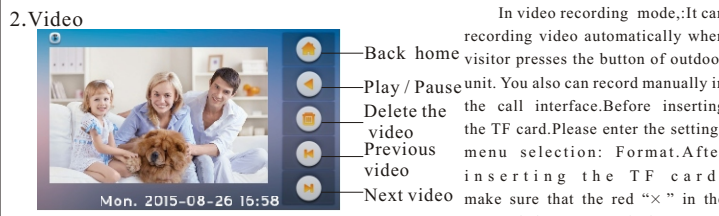
5. Press the monitor button and then the talk button and you can monitor the outside and talk with the visitor. If you finish talking, you can press the talkback button to shut down the indoor unit.

6. (one-to-many) When the visitors press the outdoor unit, the indoor unit will ring and show the visitor's image and the housemaster can talk with the visitor by press any button. The time and image will delay for 120 seconds. When you press talkback button in the indoor unit and talk with the outsiders, any part can speak to other parts; when you press the talkback button in the indoor unit and another indoor unit, the more parts can talk together; The talkback, monitor and unlock button in either indoor phone or outdoor unit can be controlled independently.

7. (two-to-one) When the visitors press the outdoor unit button ① or outdoor unit button ②, the indoor unit will ring and display the visitor's image. At this time, the house master can talkback with the visitors if he or she press the indoor Talkback button and the talkback time and image will delay for 120 seconds. when the call is from the outdoor unit ①, the indicator light of the indoor unit will be still red; when the call is from the outdoor unit ②, the indoor unit turns into green; when you press the indoor monitoring button or talkback button, it will be shut down. when you press the monitor button in the indoor unit, you can monitor the outdoor unit ①, and the indicator light is red. The function of talkback, monitoring button and unlock button between the indoor unit and any outdoor unit can be controlled independently.

8. (two-to-many) When the visitors press the outdoor unit button ① or outdoor unit button ②, the indoor unit will ring and display the visitor's image. At this time, all the housemaster can talk back with the visitors if he or she press the indoor Talkback button and the talkback time and image will delay for 120 seconds. When the call is from the outdoor unit ①, the indicator light of the indoor unit will be still red; when the call is from the outdoor unit ②, the indoor unit turns into green; when you press the talkback button in the indoor unit and another indoor unit, the more parts can talk together;

## UI Interface introduction



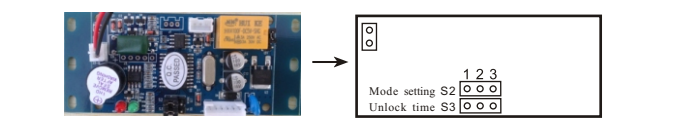
## CARD READ FUNCTION

(1) Add user card:  
Scan adding management card in working state, green LED will flash, then Scan the card which you want to add, after that scan the adding management card again to end operation, add card successfully.

(2) Remove the user card:  
Scan delete management card in working state, red LED will flash, then scan the card which you want to delete, after that scan the delete management card again to end operation, remove card successfully.

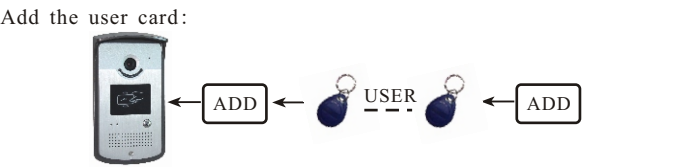
(3) Remove all cards:  
If user card is lost uncarefully, we suggested to delete all user cards and then re-increased to ensure safety. Operation as following: scan delete management card in working state, red LED will flash, then scan adding management card, then scan delete management card, after waiting for 5S, the red LED will restore to light permanently, namely delete successfully. Then operate as add user card steps, the program will be updated automatically, the loss card will be no use.

(4) Added management card: (The factory has been equipped with two Management Card, click the following operations if card lost):  
Open the outdoor unit, power off and make S2 of card read board shorted to 2-3 end and then re-power, the red /green LED light flash alternately, read two cards continuously, the green light flashes, operation successfully, the first card that read is adding management card, the second is remove management card.



Management Card: ADD, DELETE, USER

S3: Unlock time 1S  
S3: Unlock time 5S  
S2: Set Management Card mode  
S2: Normal mode



(Remarks: User card can be used directly, please operate following the Schematic diagram if you need to add more user cards.)

## SOLUTION FOR COMMON FAULT

Defect	Defect reason	Solution
No image or no signal	1. The outdoor camera is blocked or not 2. The machine is not turn-on or the adapter is connected improperly	1. Make sure there are no obstructions in front of the outdoor unit camera 2. To check whether the machine is turn-on and the power adapter is connected well or not
Blue screen	1. 4P cable is connected to outdoor unit 2 2. Pressing monitor button more than 3S	1. Connect 4P cable to outdoor unit 1 2. Pressing indoor unit monitor button 1S
The picture is not clear	The brightness is modulated to low	To modulate the brightness button of indoor phone into a proper degree
The lock can not be open	The wire of electronic control lock is not connected well or the wire connected outdoor station with indoor phone is too long	To check the connection wire and try to Increased peripheral
The phone not ring when call it	The sound volume button is turned off or the connection wire is loose	To modulate sound volume button into a proper degree or connect the connection wire well
Outdoor unit can not call the indoor unit	Indoor and outdoor connect cable is loose or fall off	Check cable and make sure connect well, cord tight, esp the extension of the joint position required close contact, with the package, no cable core metal exposed or shorted
Ring once power on	Wrong cable connection way	Check indoor to outdoor cable connection or indoor to indoor cable connection, the correct connect method is socket cable all connected well as sequence
Distorted image	Cable wire diameter too long	Increased Video Amplifier
Alarm sound (D6 support)	The outdoor unit was Separated from rain cover	Put the outdoor unit into the rain cover