

# 7" Color ID Card Unlock Video Door Phone

## User Manual



---

Please read this operation instruction manual carefully before use

## Catalog

Products Introduction.....	1
Parts introductions.....	2
Operation.....	3
Installation.....	4
Specifications .....	5
ID Card introductions .....	6
Work environment.....	7
Maintenance .....	8
Notice .....	9
Accessory.....	10
Technical support.....	11
Warranty .....	12

**【Attention 】** : The illustrations in this manual, the screen display, All in order to more directly in detail expound the operation of the products, due to the different version upgrades and production batch, they might a little different from the machine with you, If mentioned in this manual content does not accord with your machine, please refer to our machine!

## **1. Products Introduction**

1. Ultra-thin design luxurious style indoor machine, leading the new trend of color video door phones.
2. Waterproof, anti oxidation and wear resistance outdoor unit, equipped with rain-proof cover, support embedded installation and hanging garment two modes.
3. With IR night vision function.
4. 4 cores wire connection between indoor monitor and outdoor camera.
5. No radiation, low power consumption, high definition 7 inches color images.
6. Monitor, intercom, unlock, hands-free, chord rings choice.
7. With unlock function.
8. Volume, brightness & contrast adjustable
9. With power supply and terminal wire .
10. Match can up to 1&1, 1&2, 1&3 systems.
11. Normal Type and ID card Type optional

In order to better use the products, please read the product manual carefully, to properly control the installation and operation methods.

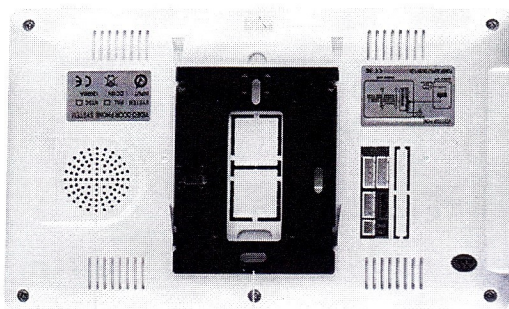
## 2. Parts introductions

### 1. Indoor monitor

7 INCH TFT



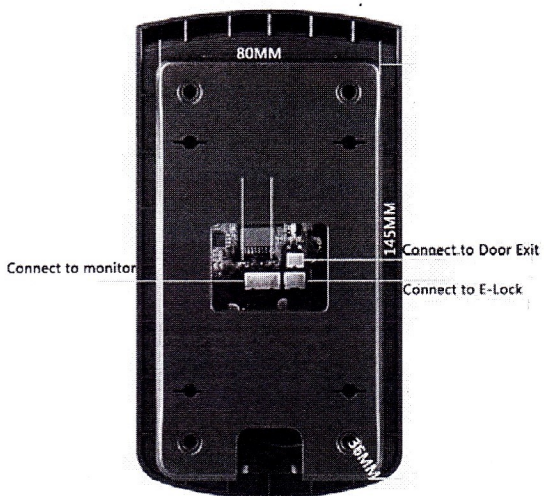
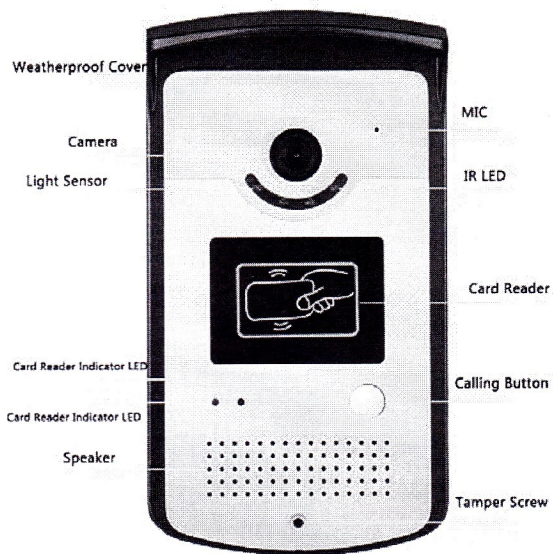
Power Light  
Intercom  
Ringtone selection  
Monitor  
Unlock key  
Talk  
Mic



Brightness  
Contrast  
TALK Volume  
RINGTONE Volume

Long speaker Accessories

## 2. Outdoor Camera



### 3. Operation

According to the requirements of manual to connect cables, electric control lock, and turn on indoor unit, at this point, press the monitor key, open the outdoor unit monitor image, adjust the image brightness/colorful to the best.

#### **Operation:**

##### (1). Door bell operation:

The indoor unit is in standby mode, when the visitor press outdoor unit calling button, indoor unit will ring and show the video of outdoor visitor, the host can press the talk button intercom with the visitor, video and intercom up to 120 seconds, under the model of intercom, the host can press the unlock button to open the door, then press monitor button or talk button again, stop intercom and video. Indoor unit go to standby mode automatically.

##### (2). Monitoring operation:

When outdoor unit in standby mode, press monitor button in indoor unit, indoor unit can monitor outside any time, monitoring delay time is 60 seconds.

##### (3). Ring tones choose:

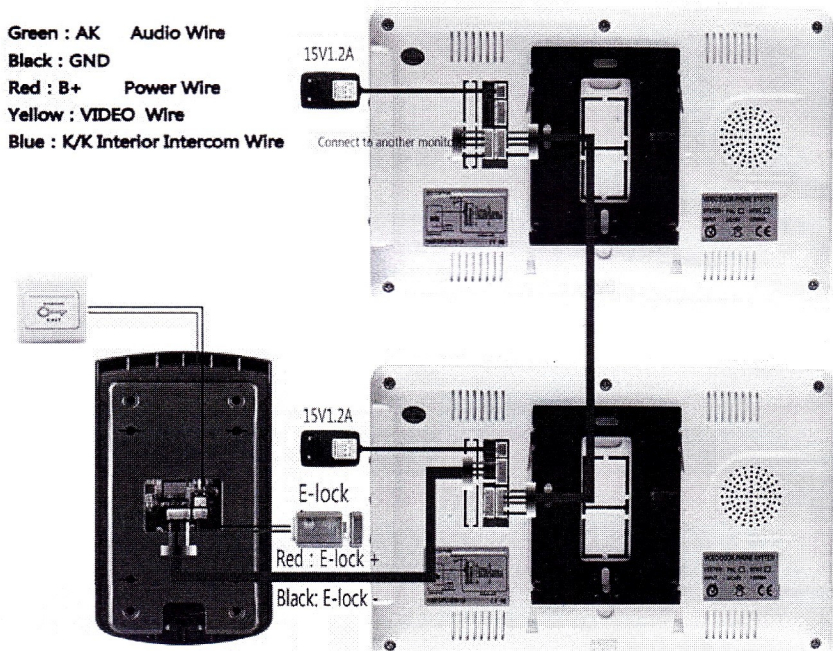
Under monitoring mode, press door bell music key to choose the ring tones.

(4) Unlock Function: Connect the electric lock to the outdoor unit, press the indoor unit unlock button to open the door. It need to add an access control power supply to the electric lock except controlling E-lock.



## 4. Installation

One outdoor unit to multi- indoor monitor wire diagram:



Wire Requirement :

5-20 meters: Use UTP net wire or 0.3 square copper wire

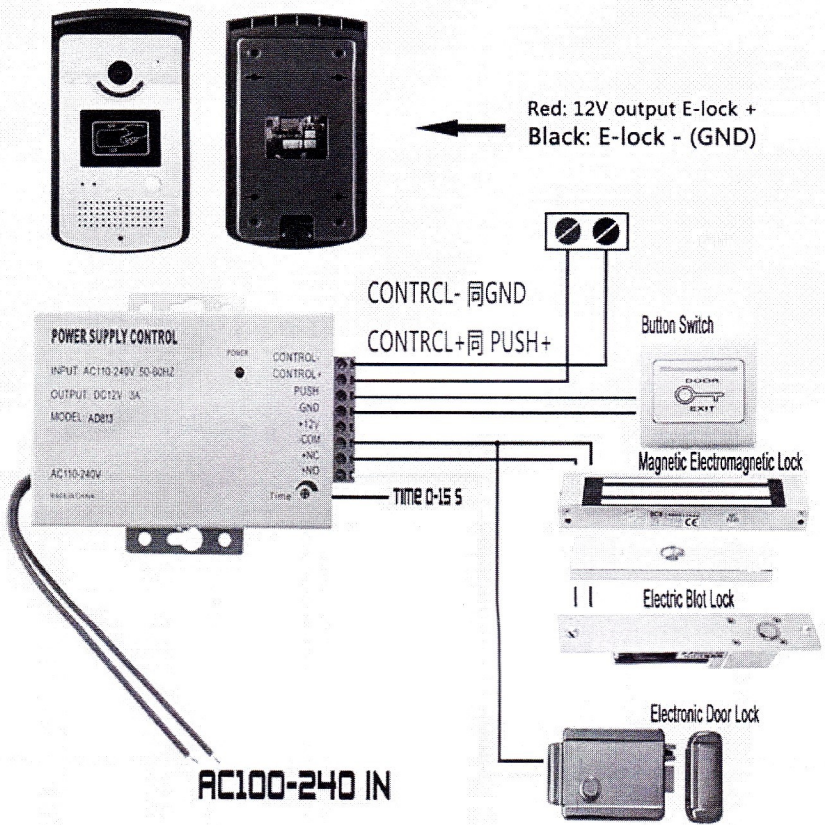
21-50 meters: Use 0.5 square copper wire

51-80 meters: Use 0.75 square copper wire

81-120 meters: Use 1.0 square copper wire

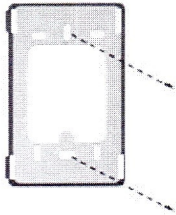
Note: Indoor unit to indoor unit connection according to the methods of one outdoor unit to multi- indoor monitor.

Access control power supply wire diagram: It use different type E-Lock or the connect cable is not enough.





## Indoor Unit installation:



As a representative

1. Fix the mount plate on the wall  
indoor unit into the plate after it being connected with cable.

## Outdoor unit installation:

### 1. Back Cover installation wire diagram:

Step1: Connect wire, then install the waterproof sponge

Step2: Install the waterproof cover and screws

### 2. Outdoor unit recommended location:

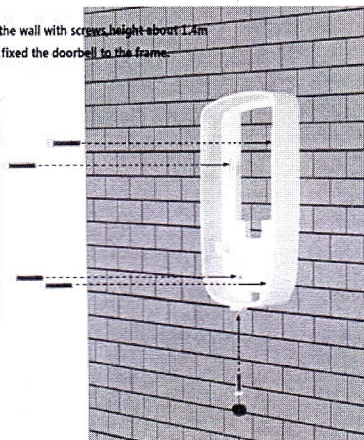
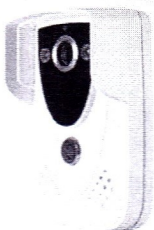
Height: about 1.4 meter

Step 1: Fixed the frame on the wall with screws, height about 1.4m

Step 2: Connected the wire, fixed the doorbell to the frame

Step 3: Fixed the screws

Step 4: Fixed the screw cap



## 5. Specification:

Outdoor Unit		Indoor Monitor	
Power Supply	No need	Power Supply	Input: AC 100-240V 50/60Hz Output: DC 15V/1.2A
Camera	900TVL	LCD	7" TFT480*234
LED	2 /3 pcs LED	Effective area	154.08(H) ×86.58(V)
Power consumption	Standby: 0.1W; Unlock: 12W	Power consumption	Standby: 0.5W; Work: 8W
Effective distance	120 meter (4*0.75MM <sup>2</sup> )	Talk Time Delay	120s ±10%
Angle	92 degree	Monitor Time Delay	60s ±10%
Working temperature	-20 degree to +60 degree	Working temperature	-20 degree to +60 degree
Size	FCID:150×95×45MM MEID:175×96×45MM	Size	240×150×20MM

## 6. ID Card Function:

Max to support 1000 pcs user card

### 1. Set the admin card

Insert the admin card pins to the left side two pins ( SET),power on,read the add card (red color),the left green LED light; read the delete card ( yellow color),the right green LED light,hints B long sounds,the setting is completed,then power off,insert the pins to the right side two pins (RUN).

## 2. Set the time delay

Insert the unlock time delay pins to the left side 2 pins,the delay time is 5S,to the right side 2 pins,the delay time is 1S.

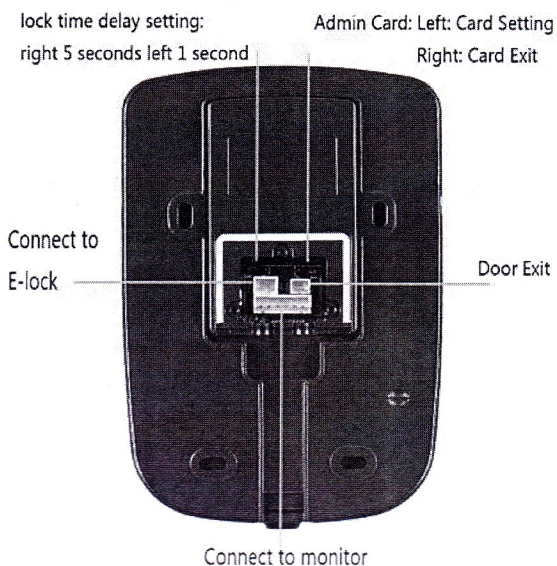
## 3. Add the user card

Read the add card,then read the user card,the read the add card again to confirm.

## 4. Delete the user card

Read the delete card,then read the user card,read the delete again to confirm.  
If read the delete card twice continuously,will delete all user card.

## 5. ID card function diagram:



## 7. Work Environment

- (1) Operating temperature range:  $-10^{\circ}\text{C}$  -  $+55^{\circ}\text{C}$
- (2) Operating humidity range: not more than 85%

## 8. Machine Maintenance

- (1) Keep surface clean, dust on the machine can be cleaned by soft dry cloth;
- (2) Need to turn off the power switch when clean indoor unit,
- (3) If machine surface is difficult to clean by different dry cloth, it can be cleaned by soft towel moistened by diluted neutral detergent, then clean with a dry cloth;
- (4) Do not use organic solvents such as benzene, thinner or gasoline to clean, these solvents may damage the machine or cause the machine and surface discoloration.

## 9. Notice

- ① The machine should be placed on the place with solid, well-ventilated, dry and no direct sunlight, no strong magnetic fields and dust.
- ② Do not use chemical to clean the surface; clean, soft and dry cloth can be used to clean.
- ③ Avoid to press multiple keys at the same time;
- ④ Outdoor and indoor unit needs to match with specified models, and can not mix to use with other models or other company's product;
- ⑤ Do not open the machine without permission, please contact with your dealer or our technical department if you need any maintenance.

## 10.Accessory

- ☐ Indoor Monitor
- ☐ 15V/1.2A power supply
- ☐ unlock terminal wire
- ☐ Mounting plate
- ☐ Color package
- ☐ Rainproof Cover
- ☐ Outdoor Camera
- ☐ 5m terminal wire
- ☐ Manual
- ☐ Screws

Note: It includes 2 pcs add card and 5 user card for ID card function outdoor camera.

Note: It does not include the E-Lock and access control power supply.

## 11.Technical Support and Services

(1) We insist on pre-sale, sale, after-sale tracking service, Before installation please kindly read the user manual carefully;

(2) Before use this products, the customers should be strictly carried out in accordance with the user manual, Any doubt, please contact with our technical support and consulting service center;

**【 Note 】** : Our company is committed to reform and innovate products, This manual graphics for reference only, if there is any discrepancy, Please refer to product for reference.



## 12. Warranty

1. From the day you purchase the machine, our company will provide free maintenance for the normal breakdown of the product within the warranty period.
2. Products of our company could enjoy one year warranty and can be changed within 15 days, if there are any quality problems.
3. Within the warranty period, if the machine is man-made dismantled or damaged despite of the requirements for using, maintaining, taking care of in the product instruction, we will ask for the cost fee for the components.
4. Warranty place: the defective products will be sent back to our company by the distributors. The SHENZHEN factory of our company will arrange maintenance work.

Model NO:

Purchase Date:

Name		Contact	
Address			
Warranty Time	Warranty Record	Change Accessories	Warranty People

