7/9 inch color video door phone

Users Manual

Before using those products, please read manual in detail
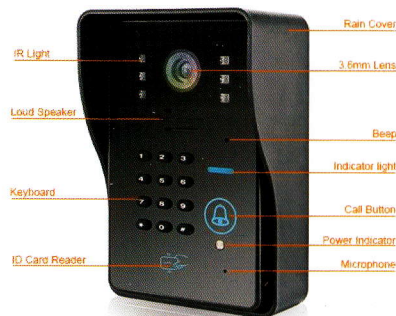
Catalogue

【 Note 】 : 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!

Model:SY901

Speaker
Monitor Switch
Shift
(different channels)
Intercom
(indoor to indoor)
Monitor
Unlock
Talking

Mic
Indicate
light
9"
1 2 3 4
Camera

Power
Adapter
Camera
Monitor
CCTV Camera

Brightness
Contrasts
Ring
volume
Intercom
volume
Melody

Outdoor can
Front:
Parts and bu

IR Light
Loud Speaker
Keyboard
ID Card Reader

Rain Cover
3.6mm Lens
Beep
Indicator light
Call Button
Power Indicator
Microphone

1: Technical parameters:

Number	List	Index
1	Working voltage	DC：Voltage 15V　　electric current less than 200mA
2	Memory capacity	500 ID cards，500 code，10 group universal code
3	Cards read distance	0-2CM
4	Cards type	EM or EM　compatible card

2: Acousto-Optic　indication

LED indication light

Case	Red light	Blue light
Standby	Alternate shining each seconds	
Entry into programming	Fast flashing	——
Programming confirm	flash	——
Cards unlock	flash	——
Unvalid cards unlock	Red and blue light blink 3 times alternate	
Give an alarm	——	Flash

Build-in buzzer

Case	Introductions	Ring
valid cards	1 long beep	Di——
unvalid cards	5 short beep	Di Di Di Di Di
valid key	1 short beep	Di
valid password	1 long beep	Di——
invalid password	5 short beep	Di Di Di Di Di
Give an alarm	Continuous blew	Di—Di—Di—

3．Setup and use ways

1. Initial code: Programming code : 8888, Universal code:5555, Private key:1234.

2.Enter the Programming Mode：

Press * + Programming code + # Enter into programming

3

4

4.Function set：（under programming model）

（1） Modify programming code:

Press 0 + New code + # + new code again + # （Code: 4-6 Random figures

（2） Setup unlock way:（Factory default : read valid cards unlock）

Press 100 + # Read valid cards unlock

Press 101 + # Read valid cards and input valid code unlock

Press 102 + # Read valid cards or input valid code unlock

Note: if unlock by card + code, you need type the code within 10s after reading the card, Only type private code can ί open the door.

（3） Add User ID cards：

Press 2 + code + read cards + #

1). Continuous increasing cards: read the second card after pressing #, and the codes No, will be given automatically. And press # to confirm. card code is 4 unrepeatable No.（0001-0500）

（4） Delete user cards：

Press 30000 + # Delete all user cards

Press 3 + read cards + # Delete all read cards

Press 3 + card code + # delete corresponding cards

（5） Setup unlock time(Factory default is 3 seconds）

Press 4 + Time + # time , Time : double digits , unit : seconds。

Electronic control lock open the door time should be 1 seconds

（6） Security model：（Default setting: close）

Press 700 + # Close security function

Press 701 + # Open security function

Note: Use 5 invalid cards consecutively or use valid card but use invalid code 5 times, the system will dead lock 5 minutes.

（7） Universal code setup

Press 8 + （0-9） Address code + new code + # + new code again + # （code:4 random figures），When use code unlock: input the code + # confirmation

（8） Press 9 + 86 all system go to default setting

5. Exit programming code

Press * Exit programming code, Note：all set will be saved by press # in two seconds, press * exit.

6. User code setup

Press * input code after read the ID card，Press # change card code。Input 4 random figures as the new code

Press # input the new code again, press # again save the code。user card code can ί unlock without the card together.

7. Operation instruction

（1） Recovery program code: if you forget the programmed code, please press the reset button (under the battery box) and back to the very begging and other date will no change.

（2） If you unlock the door by card + code, please type the code after read the card, and press # to confirm.

（3） if you unlock by the universal code, you need press # after type the code.。

8 Reset programming code

（open the battery cover of outdoor unit）Press "reset" key can reset programming code, other settings remain unchanged。

9. Add/Delete unlocking remote control

Remote control frequency is 315M H Z）

（1） Add unlocking remote control：power on outdoor unit and press the remote control pair button，Than press remote control A/ B/ /C /D any one of them release the hand after one seconds， Again press A/ B/ /C /D any one of them will hear the buzzer, Pair successful

（2） Delete all unlock remote controls：power on outdoor unit and press the remote control pair key 8-10 seconds, than delete successful.

1v1,2v1 Operation details:

（1）Door bell operation：

When indoor unit in standby mode, the visitor press outdoor unit call 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 control electric lock and open the door, 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)Music choose:

Under monitoring model, press door bell music key, change music

1v2 to 1v6 Operation details:

(1).Door bell operation:

When indoor unit in standby mode, the visitor press outdoor unit call button, indoor unit will ring music 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 control electric lock and open the door, press monitor button or talk button again, stop intercom and video. Indoor unit go to standby mode automatically.
(2)Monitoring operation:

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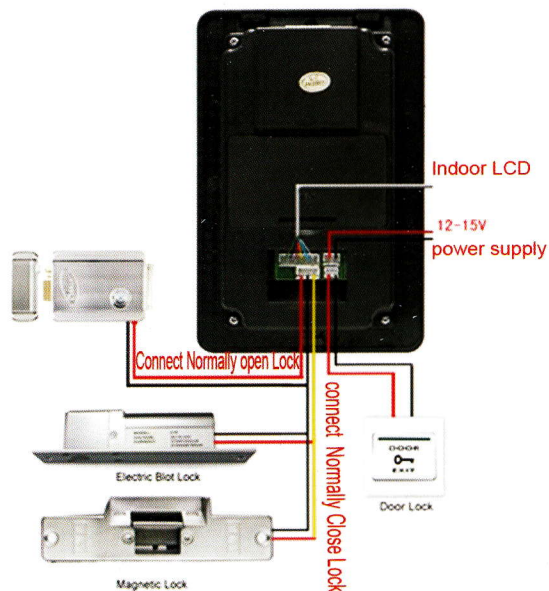(3)Music choose:

Under monitoring model, press door bell music key, change music
(4)Intercom between indoor units:

When indoor unit in standby mode, press talk button in indoor unit, other indoor units will ring music, press any one of the other indoor units talk button, intercom can achieve between indoor units, talking time is 120 seconds, among those time, press monitor button or talk button again exit to standby mode.

三.Installation instructions

Wires connection show：

Indoor LCD

12-15V power supply

Connect Normally open Lock

connect Normally Close Lock

Electric Biot Lock

Magnetic Lock

Door Lock

Four -core wire standard

Green：Audio cable

Black：Groud wire

Red：B+（outdoor unit power line）

Yellow：Video line

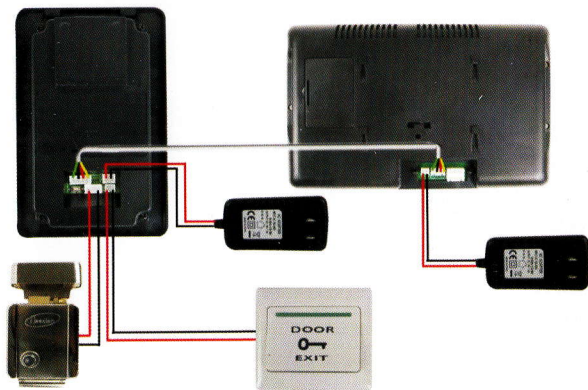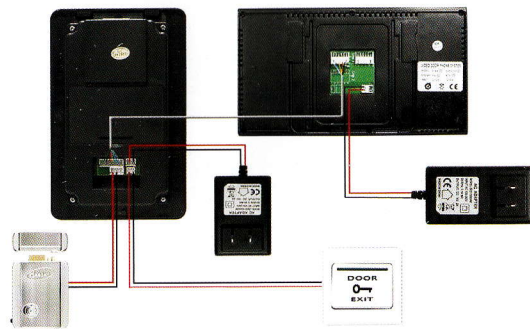Six-core wire standard

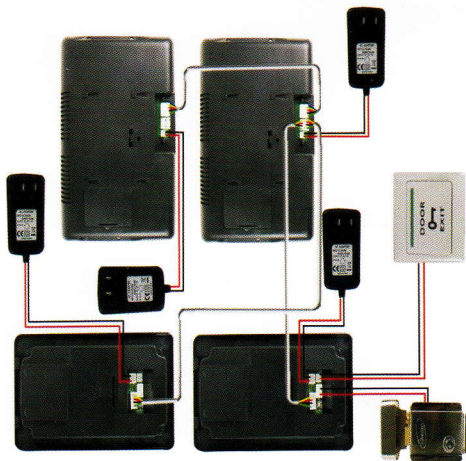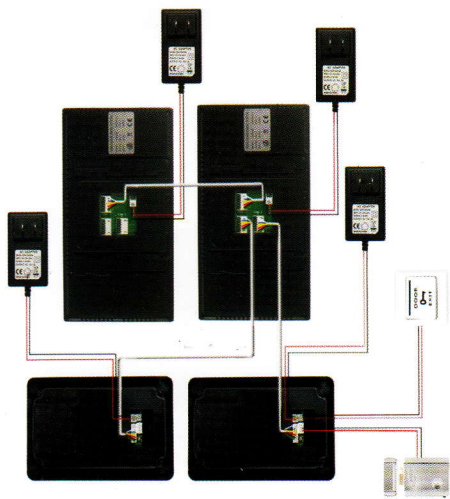Green：Audio cable

Black：Groud wire

Red：B+（outdoor unit power line）

Yellow：Video line

Bule：KK line（Touch off signal line）

White：Power line（15V）

1v1：

DOOR EXIT

DOOR EXIT

2v2

12

1v2

11
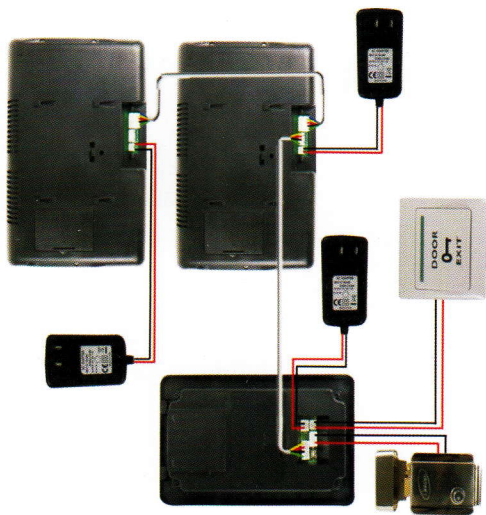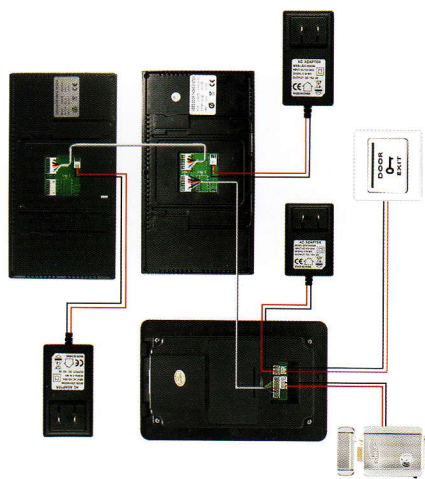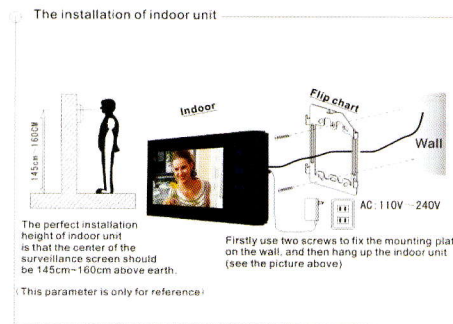
Indoor unit installation instruction：
Model:SY806

The installation of indoor unit

Indoor

Flip chart

Wall

145cm～160CM

AC:110V～240V

The perfect installation height of indoor unit is that the center of the surveillance screen should be 145cm~160cm above earth.

Firstly use two screws to fix the mounting plat on the wall, and then hang up the indoor unit (see the picture above)

(This parameter is only for reference)

Model:SY811

Back-Hang

Bracket

Model:SY901

Back-Hang

Bracket

Outdoor unit installation instruction：

The installation of station

Effective range

About 180 cm

Effective range About 70 cm

About 110 cm

66

50cm

53°

Effective range About 180 cm

Effective range for up and down

Effective range for left and right

50cm

Wall

Installation for the external frames
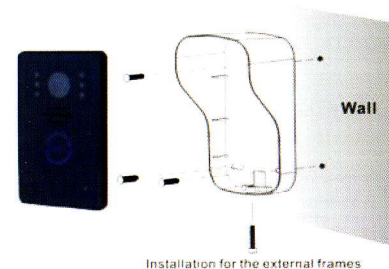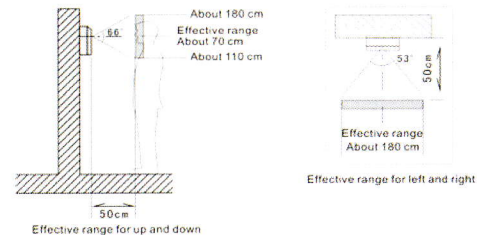
※ Attention items
Avoid installing this camera with directly exposure to sunlight. At night, when the visitors' back is shone by the streetlight or luminance things, you should install a light to enhance the imaging effects

4: Specifications

Outdoor unit		Indoor unit	
power	input：AC 100-240V 50/60Hz output：DC 15V/2A	power	input：AC 100-240V 50/60Hz （4line） output：DC 15V/2A
camera	CMOS 420TVL	screen	7 " TF480 234
LED	6pcs	Valid area	154.08(H) 86.58(V)
Power consumption	Standby:2W；unlock:12W	Power consumption	Standby:2W；unlock:12W
Valid distance	80m(6*0.65MM2)	Talk time	120S±10%
Viewing angle	92 degrees	Monitor time:	60S±10%
Working temperature	10 degrees Celsius +50 degrees Celsius	Working temperature	10 degrees Celsius +50 degrees Celsius
size	170×115×70(H)MM	size	228(L) × 130(W) × 25(H)MM 238(L) × 168(W) × 24(H)MM 300(L) × 210(W) × 30(H)MM

5. Work environment

(1) Operating temperature range: -10 C - +55 C

(2) Operating humidity range: not more than 85%

6. 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 mac hine 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.

7. 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 su   rface; 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.

Failure diagnosis			
NO.	Malfunction	Checking	Debug
1	Fail to start the product	If the plug of power adapter correctly?	Re-connect indoor monitor with power adapter
2	Blue screen or no video	If 4-core wire and 6-core wire connection correctly?	Unplug and reconnect 4-core wire & 6-core wire. If the line has extended, please check whether the wiring color/position/direction correctly.。
3	Indoor to outdoor are silent	Without press indoor unit talk button?	After call outdoor, press the talk button in indoor unit to achieve inside and outside intercom.
4	901 indoor unit long time blue screen	Check if monitoring function is on and if C1/C2/C3/C4 lights?	If no external four-way cameras, please close monitoring function, C1 / C2 / C3 / C4 lights went out。
5	Howlround	Indoor unit and outdoor unit two microphones distance is less than 0.5 meters?	Keep two microphones distance more than 5 meters
6	Intercom voice too small	Whether the intercom tone to a minimum?	Adjust the volume to the suitable place
7	image blur	Whether the acrylic panel protective film tear off ？	Take away acrylic panel protective film
8	Can t unlock	If the electronic lock is 12V?	Choose 12V electronic lock。
9	current noise	Microphone broken?	Find the broken Microphone from indoor unit and outdoor camera and change it。

17

No.	Wire length	Wire standard
1	5—20meters	HSYV or 0.3 square pure copper wire
2	21—50meters	0.5 square pure copper wire
3	51—80meters	0.75 square pure copper wire
4	80—100meters	1.0 square pure copper wire

Special suggestion
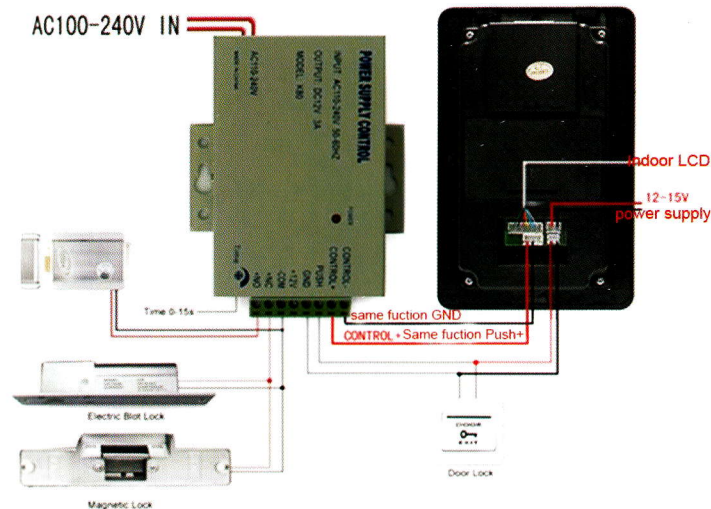
After installed, if you can't open the lock, it is possible that your wire diameter is not enough,

By this way, you have to add one power supply control。 （Look below picture）

18

8:Accessory

☐Indoor unit	☐Outdoor unit
☐15V/2A Power supply	☐4/6-core wire
☐Lock wire	☐Manual
☐Mounting plate	☐Screws
☐Color package	☐Remote control
☐Rainproof cover	☐2-core unlock wire
☐5 pcs ID cards	

【Note】: Door open button, Electronic lock not included

9. Technical support and services

(1) We insist on pre-sale, sale, after-sale tracking service, Before installation pls 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 centre;

【 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