Powered By **tuya** Intelligence Inside
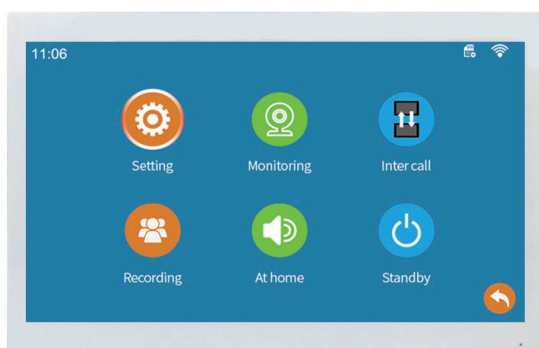
ANJIELO SMART

SMART HOME

4-Wire Digital-Analog Hybrid System

AHD/TVI/CVI 2MP Resolution

Tuya Smart/Smart Life APP

1 Function

Outdoor doorbell

Resolution	2 Mega pixels, 148° Horizontal angle
Night vision	IR CUT no color deviation, B/W night vision
Unlock	Power on or off unlock, unlock delay time setting by indoor monitor

7/10.1 inch capacitive touch 1024*600 indoor monitor

Connect	Connect up to 2 outdoor doorbells and 6 indoor monitors, the indoor monitors can talk to each other
Network	Master indoor monitor connects 2.4G WiFi 802.11 b/g/n
Power adapter	Outdoor doorbell and indoor monitor share a 12V 2A power adapter
Function	Take photo, take video, unlock, lock delay, motion detection calendar, adjust brightness, contrast, color
TF Card	External TF card to save photos or videos, leave messages

Tuya Smart or Smart Life APP

|	
Tuya APP	20 App users connect to the system, users can talk to visitors anytime and anywhere, take photo or video, monitor, unlock, cloud storage
Message	Push photo to APP when motion detection or call
Playback	Video recording after the call or motion detection

2 Outdoor doorbell

Product Weight : 410g
Product Size :

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3 Packing list

Outdoor doorbell

1	2	3	4	5
Outdoor Doorbell	Hex screwdriver	Screws and rubber plugs	Unlock cable	IC card*5

Indoor monitor

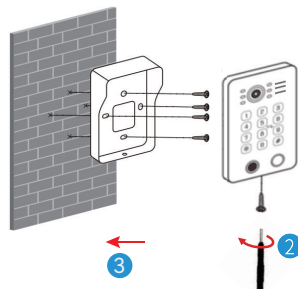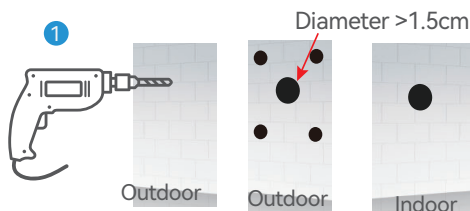| 1	2	3	4	5
7 or 10.1 inch indoor monitor	Screw KA4*2.5 Hanging plate	12V 2A power supply	DC cable	4pin cable

4 Installation diagram

The outdoor doorbell is installed at a height of 1.4~1.7 meters, try to avoid the sunshine and rain, Using 2 screws or tape fixed the outdoor doorbell on the wall, wooden board, door, It can also be installed on the 86 box.

148° Horizontal angle

1.4~1.7 Meters

3 Meters
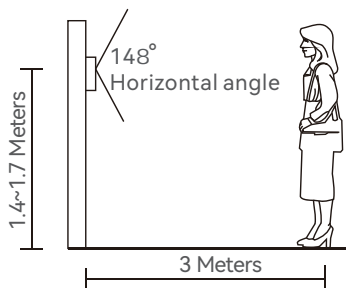
NOTE:

- Power off before installation.
- Avoid to install from direct sunlight, rain, high temperature, high humidity, full of dust and corrosive chemistry.
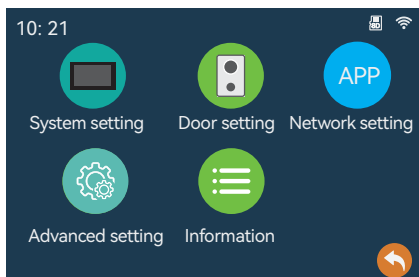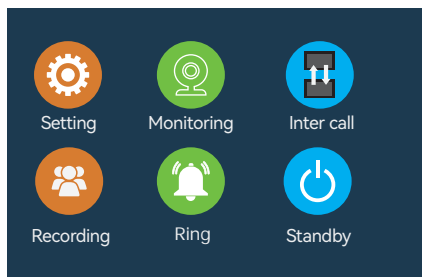- Keep the wiring >30cm away from AC power supply to avoid external interference.

1. Use the drill bit to drill three holes. One hole is large enough to pass through the 4pin cable, use anchors if user install outdoor doorbell on brick or concrete.

Diameter >1.5cm

Outdoor   Outdoor   Indoor

2. Remove the screws from the rain cover
3. The rain cover is separated from the doorbell

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Outdoor

Indoor

4. The 4pin cable goes through the hole in the wall
5. Fix the rain cover with four screws
6. Plug the rain cover on the doorbell and fix the bottom screws
7. Fix the hanging plate to the wall with four screws
8. Insert the MicroSD card to the slot of indoor monitor
9. Connect the other end of the 4pin cable to Door1 or Door2 of the indoor monitor
10. Connect the indoor monitor to a 12V 2A power adapter
11. Hang the indoor monitor to the hanging plate

5 Connect outdoor doorbell and indoor monitor

1. The 4pin port of the outdoor doorbell same as that of the indoor monitor.
 The other end of the 4pin cable is connected to "Door1" of the indoor monitor.
 If there are two outdoor doorbell, the other outdoor doorbell is connected to "Door2"
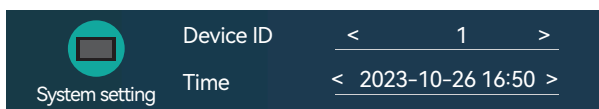**2.** Connect up to 2 outdoor doorbells and 6 indoor monitors.

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6 Indoor monitor operation introduction

1. System setting:
Device ID: Master indoor monitor setting connected to outdoor doorbell, Master indoor
monitor ID setting to **1**. ID of slaves are setting sequentially **2, 3, 4, 5, 6.**

Standby clock switch: on/off
Language: Chinese, English, Russian, German, French, Spanish, Italian, Polish, Portuguese, Turkish, Traditional Chinese, Japanese, Korean, Arabic, Vietnamese
Keytone switch: on/off
Ring back: on/off
Door settings
Note: Below setting by the main indoor monitor, the slave synchronizes the settings.
Enable switch: Please check whether the outdoor doorbell is connected. If only one outdoor doorbell is connected, please turn off the enable of the unconnected outdoor doorbell.
Unlock delay: Set the time of close lock.
Record mode: Take video or photo when visitor calls or motion detection is triggered.
Motion detect switch: Motion detection enabled or disabled.
Motion detect sensitivity: low/medium/high
Motion detection duration: After triggering motion detection, set the recording time
Message switch: Turn on/off the leave a message.
Message time: Set the leave a message time.
Signal mode: PAL/NTSC/Automatic
Signal type: The signal type is AHD1080, if user connect to other analog outdoor doorbells, please select the signal format, Select automatic detection, so that the door phone can be used normally. Support AHD1080/AHD720/TVI720/TVI1080/CVI720/CVI1080/CVBS.
Ring setting: Can setting by slave indoor monitor Set the ringtones for 3 time periods, the ringing time of the ringtone, choose one of 10 ringtones, Ringer volume 0~10
Network setting (Can only be set on the master indoor monitor)
The master indoor monitor is connected to 2.4G WiFi, include "EZ Mode" and "AP Mode", for specific operations, please refer to "**9 Add Device**" below.

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Advanced settings
Format SD disk, Factory Settings, Software upgrade, restart system.
Information
Software version, Release date, SD remain space, UUID

2. Click "Monitoring" button or after visitor presses the "call" button of the outdoor doorbell.

Monitor next doorbell

Take a photo

Adjust the brightness, Contrast, saturation

Video

Unlock   Talk   Hang up

Zoom out

Zoom in

Talking: User is talking with the visitor.

This icon will appear after visitor presses the "call" button of the outdoor doorbell. If user find that visitors are looking for another indoor monitor, User can transfer to another indoor monitor to talk with visitor.

3. After clicking "Inter call", user can call other indoor monitor.

4. Click "Recording" to display the record of call, message, Motion. Short press the file to play video or browse the photo, long press to select "Delete", "All delete", "all read ".

Call   Message   Motion

5. Working modes

Note: The indoor monitor needs to insert the TF card and the message is enabled.

1. Ring: After the visitor presses the "call" button, the indoor monitor rings, Tuya APP will receive the call or receives the push, and if the call is not answered, outdoor doorbell will prompt to leave a message.

2. Message: After the visitor presses the "call" button, the visitor will be prompted to leave a message, Tuya APP will receives the push.

3. Mute: When calling, neither the outdoor doorbell nor the indoor station have ringtones or prompts, the APP will receive the call.

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7 App Download

1. Search "Tuya Smart" or "Smart life" from APP store or Google Play according to phone system.
2. Scan the QR code below to download.

8 APP register & login

1. Please register when using APP for the first time.
2. After logging on the APP, please add devices after creating a family. At the bottom right corner of the APP homepage, click "Me" -> "Home Management" -> "Create a home", fill in the information and save it. The user who adds the device will become the family owner and can set the family owner or general members .
3. After the home owner adds the device, the home members will add the device automatically. After adding this doorbell, all home members have unlock function than shared accounts. User can add 20 administrators or home members.
4. The video doorbell is a device with a higher security level, the device must be removed from the original account before it can be bound to another account.

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9 Add Master indoor monitor to APP

Note: Only the main monitor can connect to APP, and the slave monitor cannot.
Click "Settings" ⚙ to enter "WiFI" 🔵 to connect to WiFi.

1 Click 'Connect WiFi'

Select the WiFi you want to connect to.
only connect to the 2.4GHZ band.
Then enter the WiFi password.
The IP address and MAC will then be displayed.
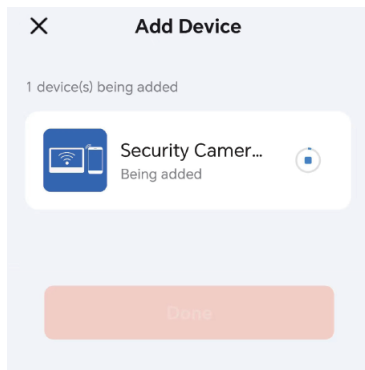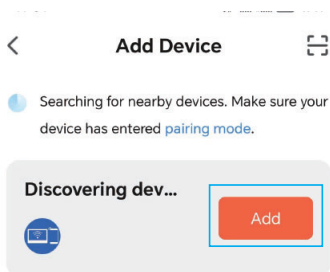But the cloud service is "unconnected".

Cloud services	Unconnected
IP address	
MAC	f0:c8:14:d0:a6:08
WLAN	Connect WiFI >

Connect your smart phone to the same 2.4Ghz WiFi which connected to the monitor.

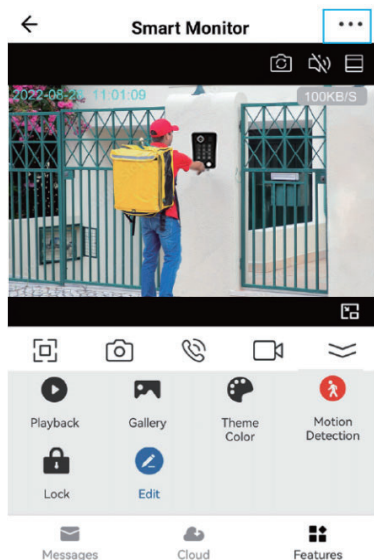**2** Click "+" -> "Add Device" in the upper right corner of the APP.
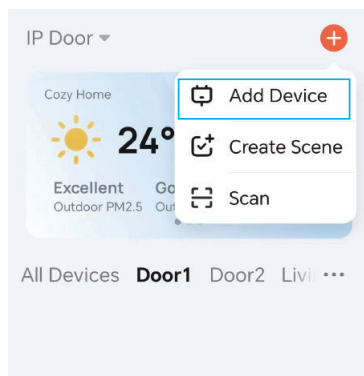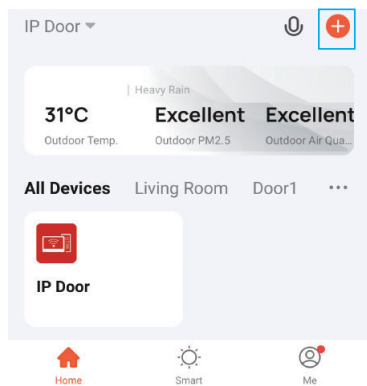
3 Click "Add" and wait for about 1 minute to add the doorbell to the APP.
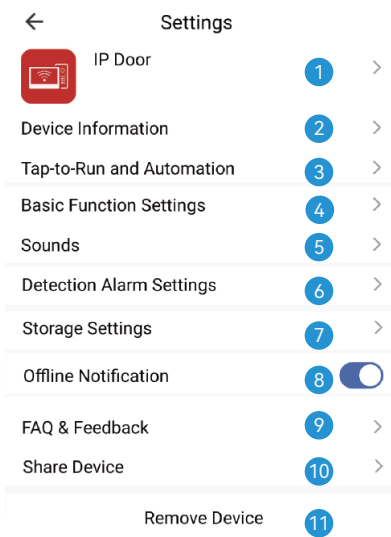

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10 Live video

Click on the device on the homepage of APP to enter the living screen, user can take photos, talk, video, unlock, playback(stored in the MicroSD Card), and view albums.

Click the button in the upper right corner to enter the setting interface.

Unlock: Unlock and save all records.

Message: Take photos and videos during incoming calls or motion detection.

Cloud: The photos and videos stored in the cloud server during incoming calls or motion detection, do not worry about losing the doorbell.

1 Modify icon, name, location of device.   2 View IP address, ID, time zone.

3 Configure the device automation.

4 The screen horizontal mirroring.

5 Adjust the volume of the doorbell.

6 Motion detection on/off, set the alarm sensitivity and the alarm time period.

7 Check the capacity of the memory card, and format the memory card.

8 The device will push the alarm information list to the APP after 30 minutes

9 Please check the common problems carefully.

10 Enter the mobile phone number or email address of the user you want to share, click "Finish", the shared user cannot unlock.

11 After removing the device, the device will not be displayed on the device list. Connect this doorbell to the computer in Europe https://protect-eu.ismartlife.me, Connect this doorbell on the computer side of the United States https://protect-us.ismartlife.me, The PC can talk, take pictures, and video.

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11 Motion detection and call

1 After the visitor presses the call button, push notifications online.

Tuya Smart

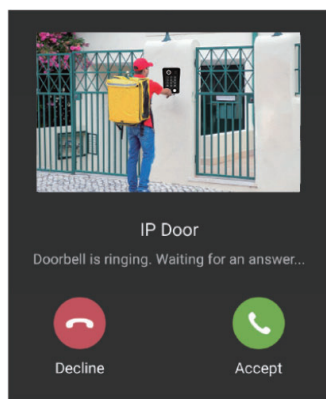2 The mobile phone standby state is pushed notifications as follows.

Tuya Smart

Motion detected
IP Door has detected movement

**You have a visitor**
IP Door, someone is ringing the bell

IP Door
Doorbell is ringing. Waiting for an answer...

Decline   Accept

Click the "Settings" icon in the upper right corner to enter the notifications push settings

Alarm
06 8月

You have a visitor
13:26:38 | IP Door, someone is ringing the bell
🏠 IP Door

Motion detected
10:58:14 | IP Door has detected movement
🏠 IP Door
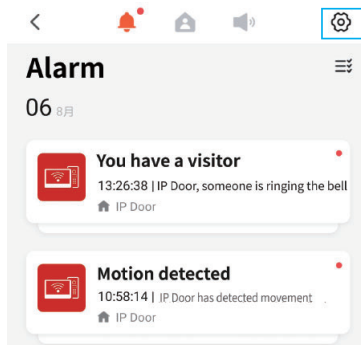
2.1 Click the "**Motion detected**" to enter the alarm message

2.2 Click the "**You have a visitor**" to enter the living video.

Alarm
05 August

You have a visitor
14:10:20 | IP Door, someone is ringing the bell
View

Motion detected
14:08:30 | IP Door has detected movement View
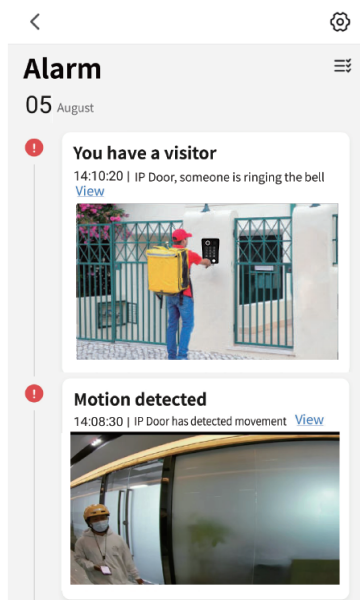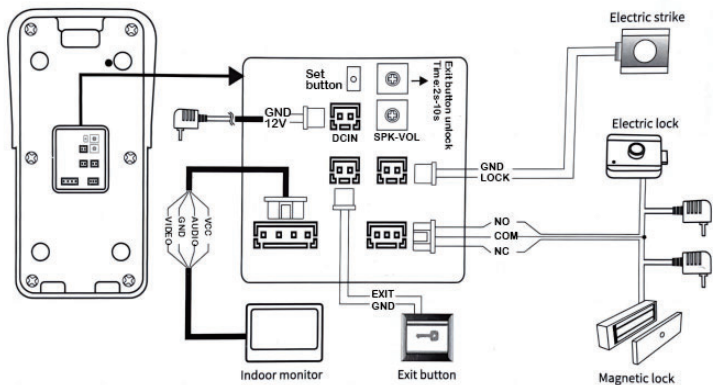
Notifications Setting

Enable Notifications

Alarm

Do-Not-Disturb Schedule   Not set >

Home

Bulletin

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12 Outdoor Unit

1. Diagram

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2. Setting diagram

	Change master password 0#	**New master password xxxxxx#**
	Add unlock password 1#	**Cell number xxx# new unlock password xxxxxx#**
	Delete unlock password 2#	**Cell number for deleting XXX#**
Enter master password 123456#	**Add user key 3#**	**Cell number xxx# key reading**
	Delete all users key 4#	**99# (without keys reading)**
	Add fingerprint 5#	**Group number xxx# fingerprint reading**
	Delete all fingerprints 6#	**99# (without fingerprint reading)**
	Keyboard backlight mode 7#	**Disabled all the time 00# Enabled all the time 01# Enabled only in working mode 02#**

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3. Setting

3.1. Memory reset
① Press SET button for 3s and release until long beep heard.
② Shortly press it for 3 times and 3x long beep heard.

3.2. Master password setup
① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 0 and # button to enter into master password setup mode. One long beep sound will be heard.
③ Enter new 6-digit password and press # button. One long beep sound will be heard.
④ Press * button to exit into standby mode. Double short beep sound will be heard.

3.3. Unlock password setting
① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 1 and # button to enter into user password setting mode. One long beep sound will be heard.
③ Set 3-digit cell number from 000 to 199, and press # button. One long beep sound will be heard.
④ Set new 6-digit user password and press # button. One long beep sound will be heard if successful added. If current cell is already occupied then double short beep sound will be heard.
⑤ User can add new passwords for new cell number. Set new 6-digit user passwords after setting new cell number. Press # to confirm.
⑥ Press * button twice to exit into standby mode. Double short beep sound will be heard.

Example:
Add 333333 password into 003 cell number and 444444 password
into 004 cell number.123456 # 1 # 003 # 333333 # **
123456 # 1 # 004 # 444444 # **

3.4. Unlock password deleting
① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 2 and # button to enter into user password deleting mode. One long beep sound will be heard.
③ Set 3-digit cell number from 000 to 199, and press # button to delete the password. One long beep sound will be heard. Enter 99 instead of cell number and press # button to delete all user passwords.
④ User can continue deleting passwords by entering their cell numbers and pressing # button after each cell number.
⑤ Press * button twice to exit into standby mode. Double short beep sound will be heard.

Example:
Delete passwords from 003 and 004 cell numbers:
123456 # 2 # 003 # **
123456 # 2 # 004 # **
delete all passwords:
123456 # 2 # 99 # **

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3.5. RFID key setting

① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 3 and # button to enter into wireless unlock key setting mode. One long beep sound will be heard.
③ Enter 3-digit cell number from 000 to 199, and press # button. One long beep sound will be heard.
④ Add the keys one by one to recognized area within 20s. One long beep sound will be heard if successful added. If double short beep sound be heard that means the current cell number is already used.
⑤ User can add extra new keys for new cell number. Set New cell number and press #, add the new keys to recognized area one by one within 20s.
⑥ Press * button twice to exit into standby mode. Double short beep sound will be heard.

Example:
Add RFID key into 003 cell number

123456 # 3 # 003 # Add the RFID keys near recognized area **
Add RFID key into 004 cell number
123456 # 3 # 004 # Add the RFID keys near recognized area**

Tips: Alternative way to add unlock keys :
Standby mode press SET button shortly →
Reader the keys one by one → Press SET to exit

3.6. RFID key setting

① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 4 and # button to enter into wireless unlock key deleting mode.One long beep sound will be heard.
③ Enter 99 and press # button to delete all RFID keys.

Example:
Delete all keys 123456 # 4 # 99 #

3.7. Fingerprint setting

① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 5 and # button to enter into fingerprint setting mode.
One long beep sound will be heard.
③ Enter 3-digit group number from 000 to 199, and press # button. One long beep sound will be heard.
④ Add the fingerprints one by one to recognized area within 20s. One long beep sound will be heard if successful added. If double short beep sound be heard that means the current group number is already used.
⑤ Press * button twice to exit into standby mode. Double short beep sound will be heard.

Example:
Add fingerprint into 001 group number
123456 # 5 # 001# Add the fingerprint at recognized area**

Tips: Alternative way to add fingerprint :
Standby mode press SET button shortly →
Reader the fingerprints one by one → Press SET to exit

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3.8. Fingerprint deleting
① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 6 and # button to enter into fingerprint deleting mode. One long beep sound will be heard.
③ Enter 99 and press # button to delete all fingerprints.

Example:
Delete all fingerprints 123456 # 6 # 99 #

3.9. Keyboard backlight setup
① In standby mode enter master password (default master password is 123456) and press # button to enter settings mode. Double long beep sound will be heard.
② Press 7 and # button to enter into keyboard backlight setup mode. One long beep sound will be heard.
③ Modes for options
00# - keyboard backlight disabled all the time
01# - keyboard backlight enabled all the time
02# - keyboard backlight enabled in working mode and
disabled in standby mode.
④ Press * button to exit into standby mode. Double short beep sound will be heard.

Example:
Enable keyboard backlight only in working mode
123456 # 7 # 02 # *

4. Product parameters

Camera	CCD/CMOS
View angle	1/3 (120°) 1/2.7 (148°)
Definition(Hor.)	CVBS800TVL: AHD720P/960P/1080P
LEDS for night	IR LEDS(120°)
Power consumption	200mA max.(10V-13V DC)
Power supplier	Supplied from indoor unit
Operation temp	-40-+50℃
Installation	Surface/Flush mount

NOTE:

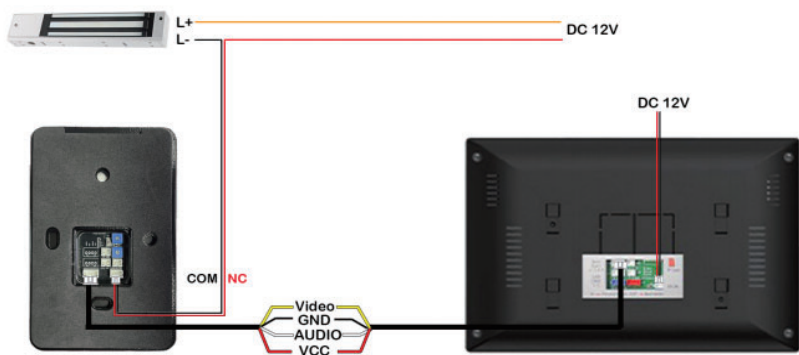1. Match the doorbell video signal same with indoor monitor.
e.g :
600TVL~1000TVL doorbell, the monitor set CVBS signal mode 720P doorbell, the monitor set 720P signal mode.1080P doorbell, the monitor set 1080P signal mode.
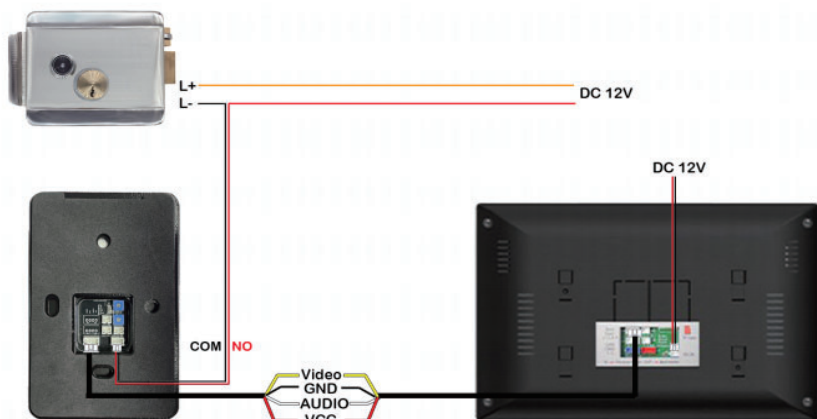
2. If use the exit button function, the indoor monitor when standby state must have 5V power supply.

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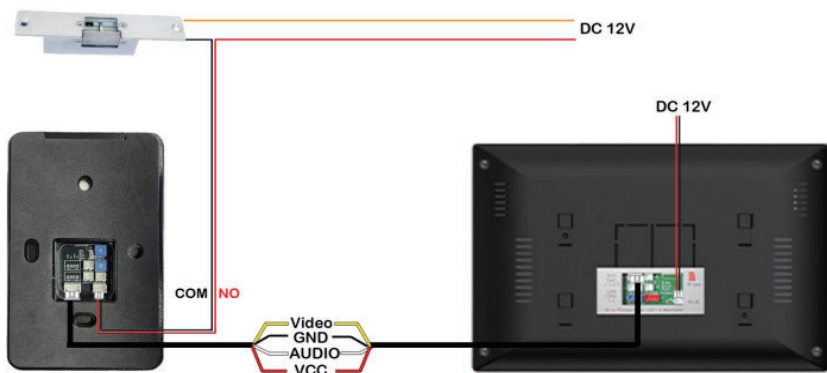## 5. Connect the electronic lock

①Electromagnetic lock

②Electronic lock

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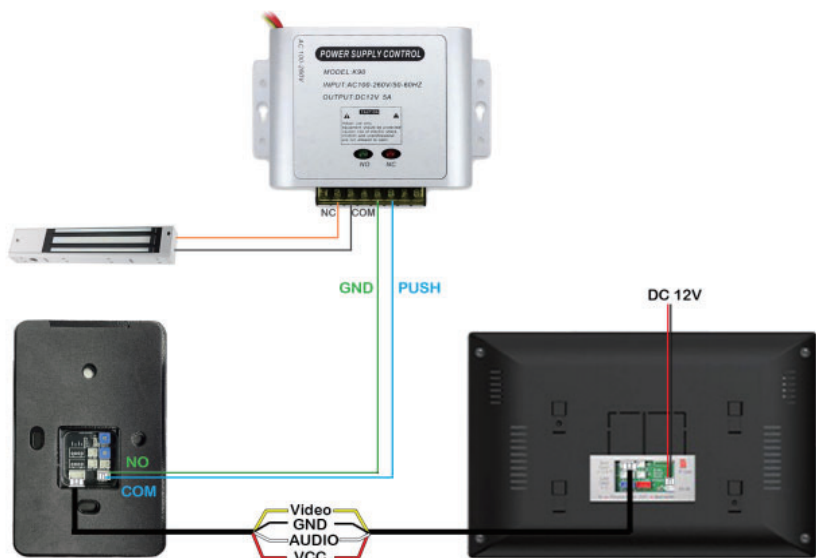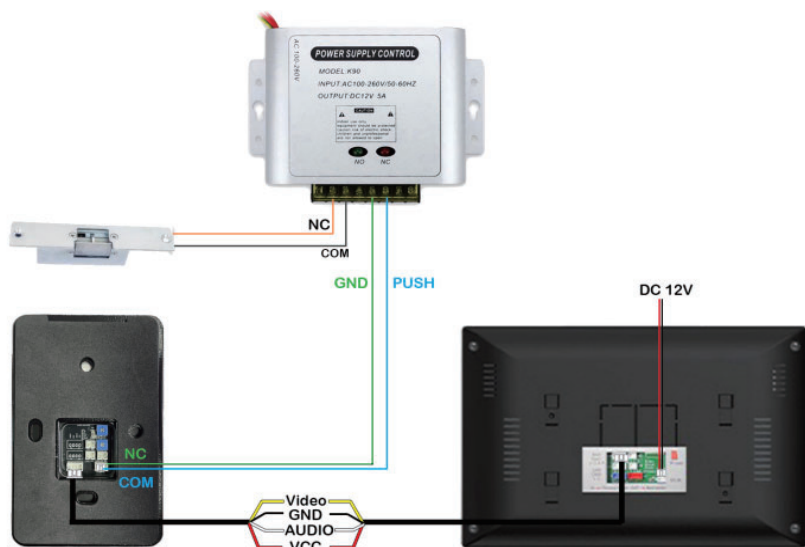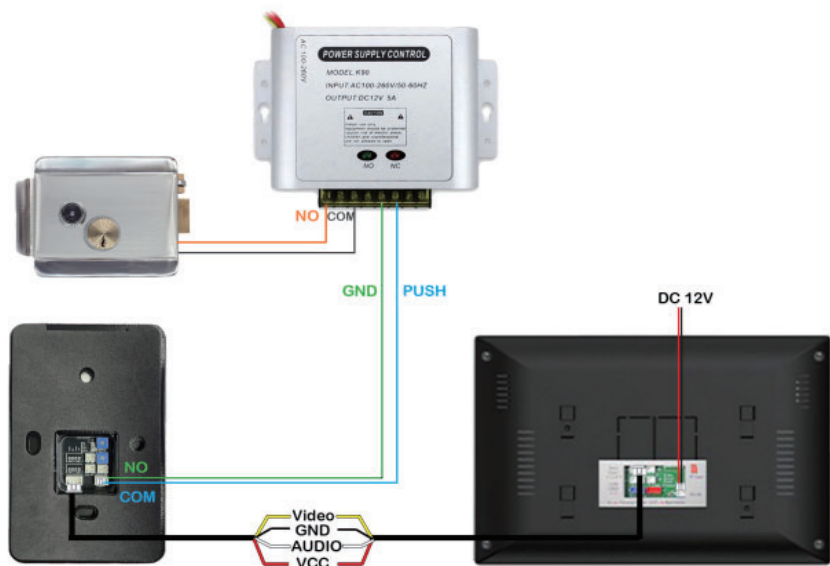
③Cathode Lock, Anode Lock

④Connecting the Power Controller

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POWER SUPPLY CONTROL
MODEL:K90
INPUT:AC100-260V/50-60HZ
OUTPUT:DC12V 5A

NO   COM

GND   PUSH

DC 12V

NO
COM

Video
GND
AUDIO
VCC

POWER SUPPLY CONTROL
MODEL:K90
INPUT:AC100-260V/50-60HZ
OUTPUT:DC12V 5A

NC
COM

GND   PUSH

DC 12V

NC
COM

Video
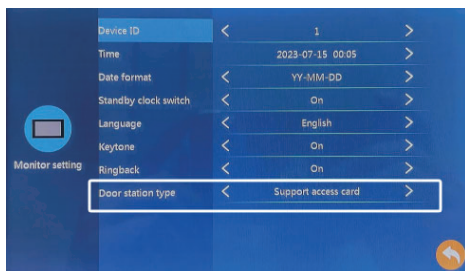GND
AUDIO
VCC

17

Web:www.anjielo.com
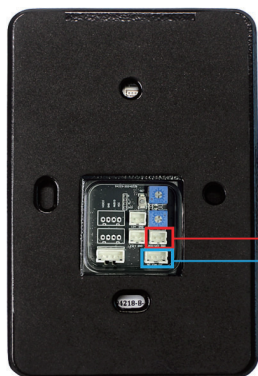
Note:

Electronic locks with 12V or less only.

If the voltage of the electronic lock is more than 12V, it needs to be connected here, and the lock should be connected to an external power cable.
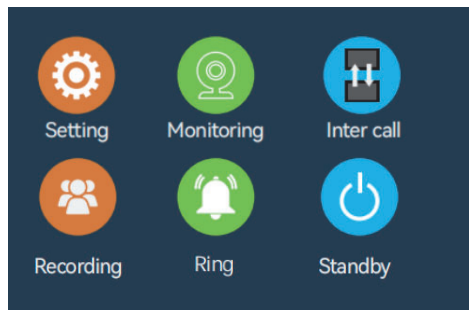
13 Common problems

1. Outdoor doorbell keeps ringing (beeping)

If the outdoor doorbell is equipped with a card unlocking function, it is necessary to turn on the "Support access card" function, otherwise the outdoor doorbell will continue to beep continuously, and when it is turned on, it will not make a strange sound.

2. Can't hear the doorbell when you press it?

If you press the doorbell, the indoor display does not appear in the picture and sound, or after the appearance of the picture but was cut off, you need to check whether the indoor unit is set to "Message Mode" or "Mute Mode", change to " Ring Mode" can be.

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14 After-sales support

ANJIELOSMART
WhatsApp 联系人

Anjielo Smart Home
WhatsApp 商业帐号

Customer Service Email: sales@anjielo.com

Due to the regular upgrades of systems and products,could not guarantee exact consistency between the actual product and the written information in this manual.

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FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.