

# Doorbell

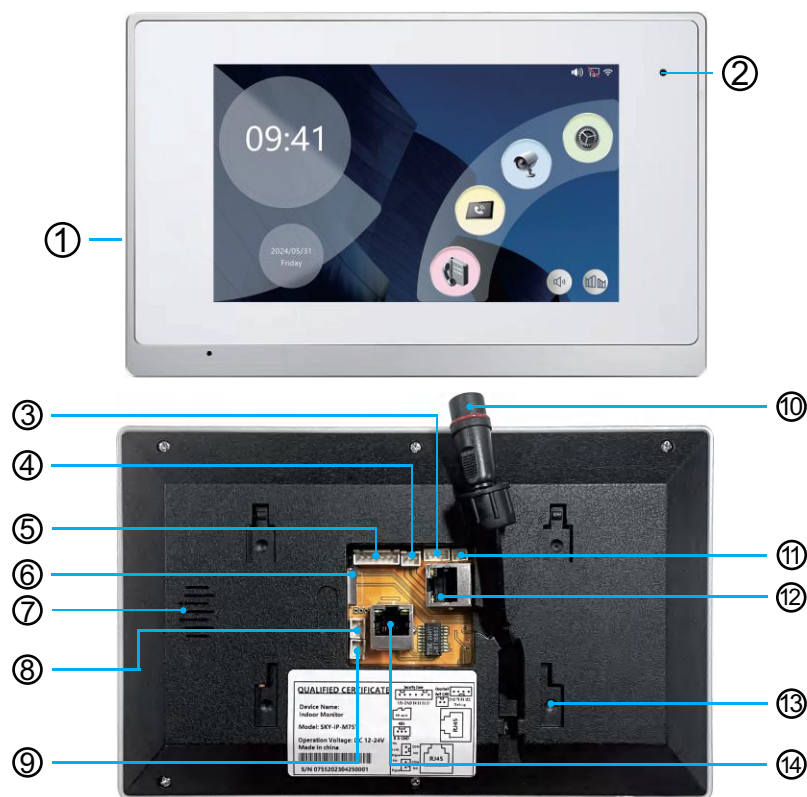
## Instruction Manual V3.0



Before using this product, read the Quick Guide carefully and save it for future referenceV3.0.

# Indoor Monitor (Network Cable)

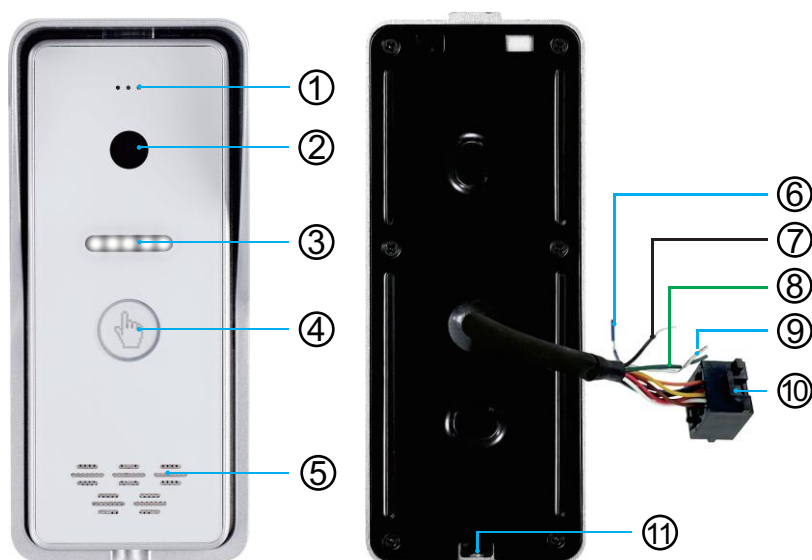
## Indoor Monitor



- ① Screen
- ② Microphone
- ③ Debug Software: GND TX RX VCC
- ④ Unpolar Input
- ⑤ 12V GND S4 S3 S2 S1
- ⑥ SD Card
- ⑦ Speaker
- ⑧ Door 1 Lock/COM NO
- ⑨ Door 1 Lock/COM NC
- ⑩ Built-in Power Supply
- ⑪ Bell GND: Connect Doorbell
- ⑫ Door 1/RJ45
- ⑬ Bracket Slot
- ⑭ Door 2/RJ45

# Call Panel (Network Cable)

## Outdoor Station



- ① Microphone
- ② Camera
- ③ LightCompensation
- ④ Call Button
- ⑤ Speaker
- ⑥ Blue line: Door Sensor
- ⑦ Black line: COM (GND)
- ⑧ Green line: NC (Normally Closed)
- ⑨ White line: NO (Normally Open)
- ⑩ RJ45 interface
- ⑪ Screw Hole

# Outdoor Station Installation



**Drilling**

Drill screw holes in the location of the wall mounting plate

**Fix wall mounting plate**

Fix the wall mounting plate to the wall with 2 screws

**Install outdoor station**

Insert the outdoor station to the plate and fasten it with a screw



# Indoor Monitor Installation



## Drilling

In the reserved hole on the wall, drill screw holes in the location of the wall mounting plate



## Fix wall mounting plate

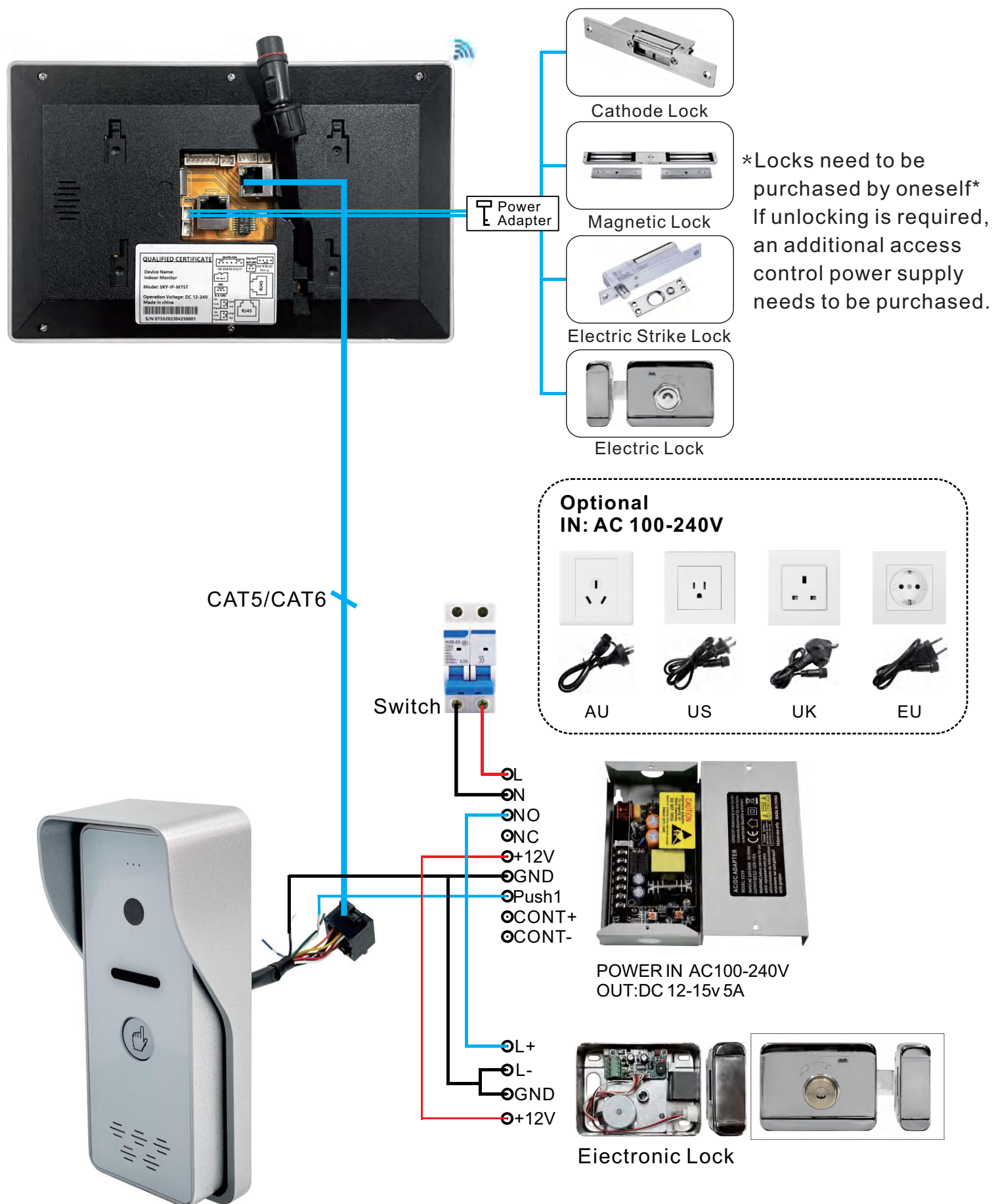
Fix the wall mounting plate to the wall with 2 screws



## Hook indoor monitor

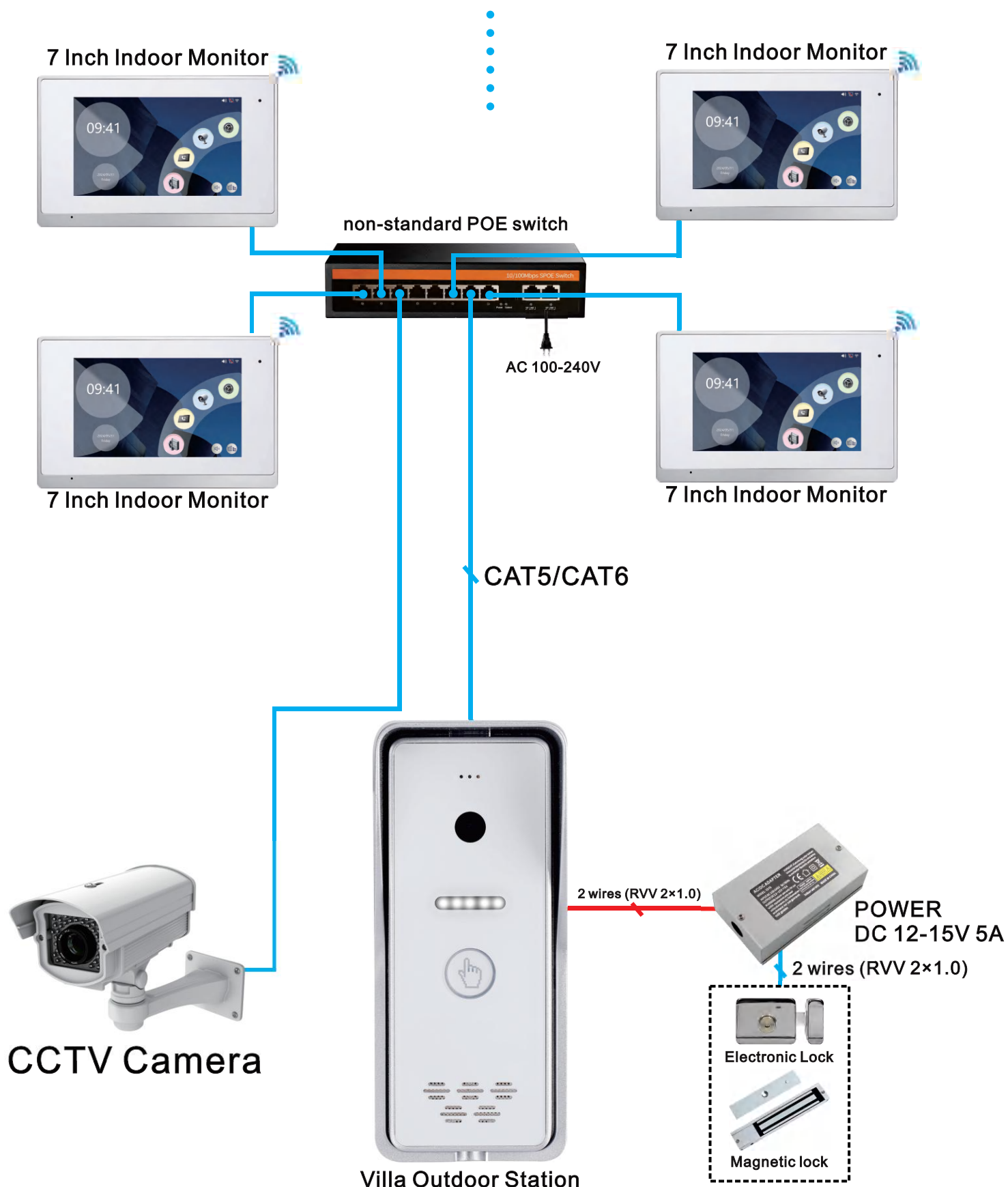
Hook the indoor monitor to the wall mounting plate tightly

# Wiring Diagram(1 to 1) (Network Cable)



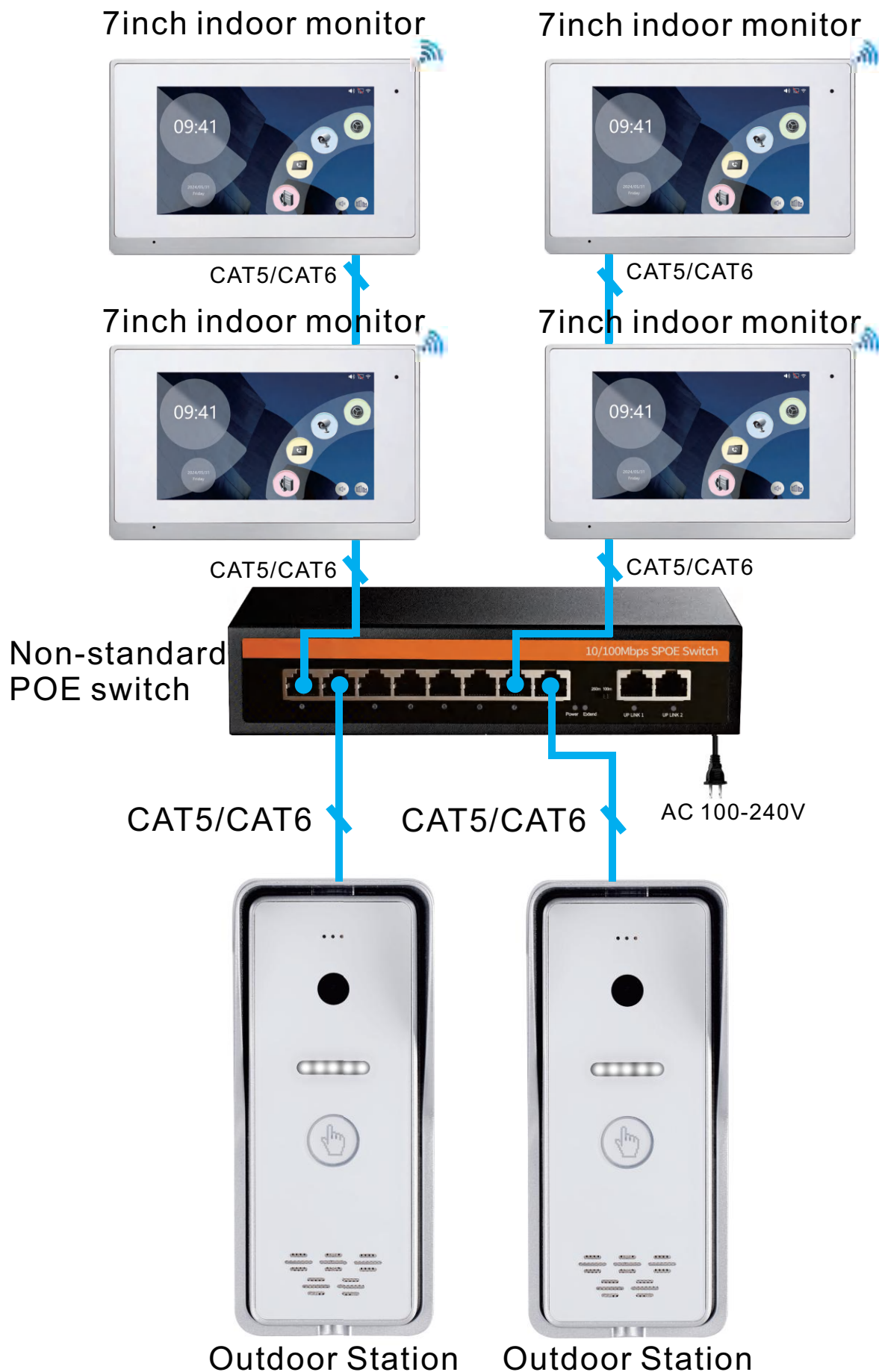
# IP System -Villa 1 to 4 Diagram

Up to 4 pcs indoor monitor





# IP System- Villa 2 to 4 Diagram



# Features

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1. IP 7" color capacitive full touch screen Tuya / Smart life app indoor monitor
2. View wide angle 110°, night vision, IP 65 waterproof outdoor station
3. Video call, talk, intercom , room to room call , unlock
4. Connect with electric lock , keys to unlock , Mobile Tuya remote control visual unlock
5. Support connect CCTV Camera by Onvif protocol
6. Monitoring & Snapshot photo or video when visitor calls
7. Photo and video records, support max 128G SD memory card
8. Support cascade between 4 indoor monitors and 2 call panels or add POE switch
9. Open 2 doors

## 7 Inch Full Touchscreen IP Indoor Monitor Interface Display





# Add WIFI Tuya APP Connected with Mobile Phone Setting

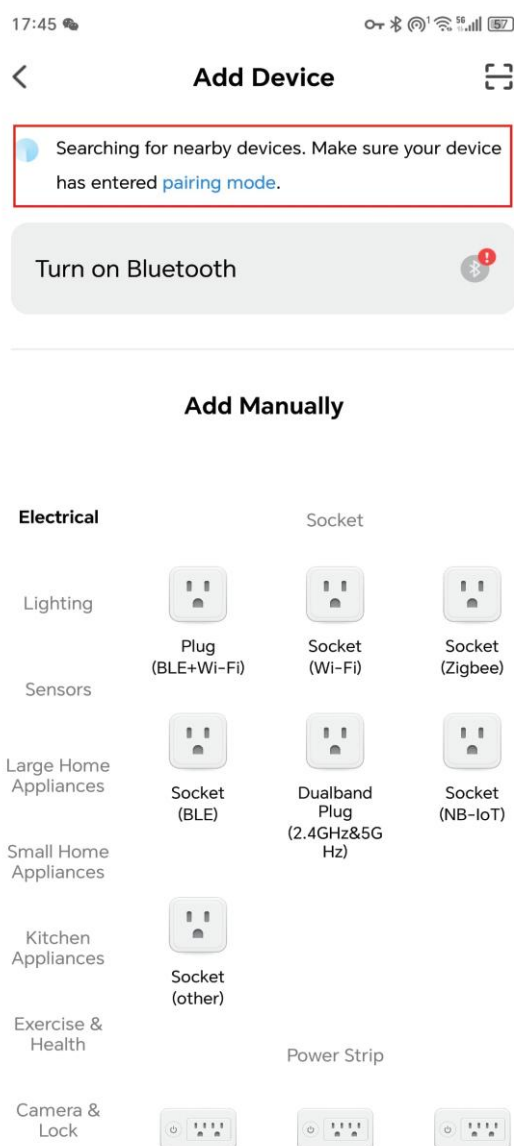
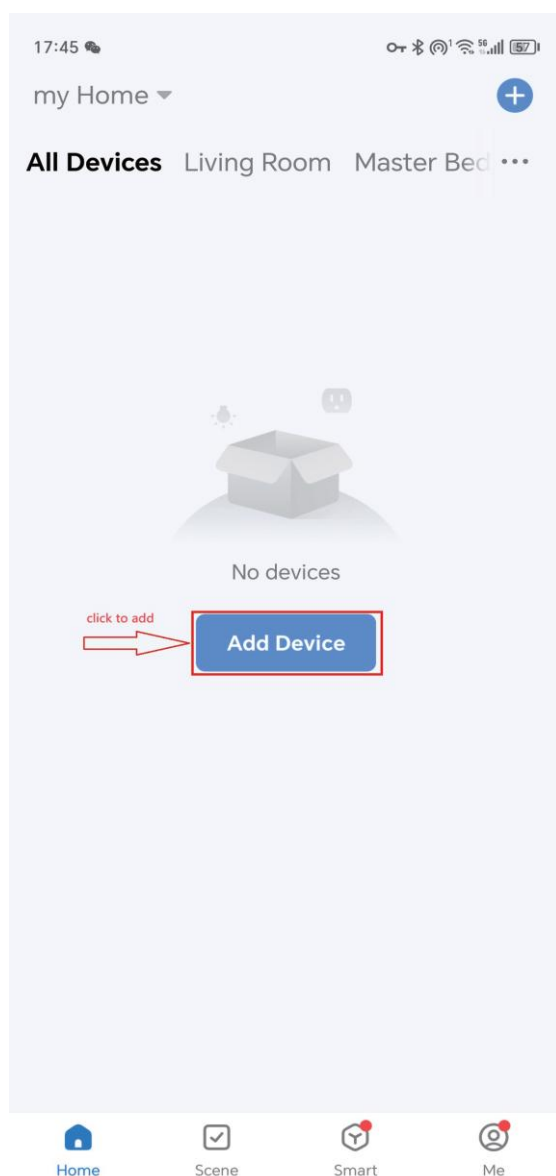
## Steps 1

The mobile phone should connect to the same WiFi as the monitor. Then download "Tuya Smart" or "Smart Life-Smart Living" from Google Play or APP Store. And register and login in your account.



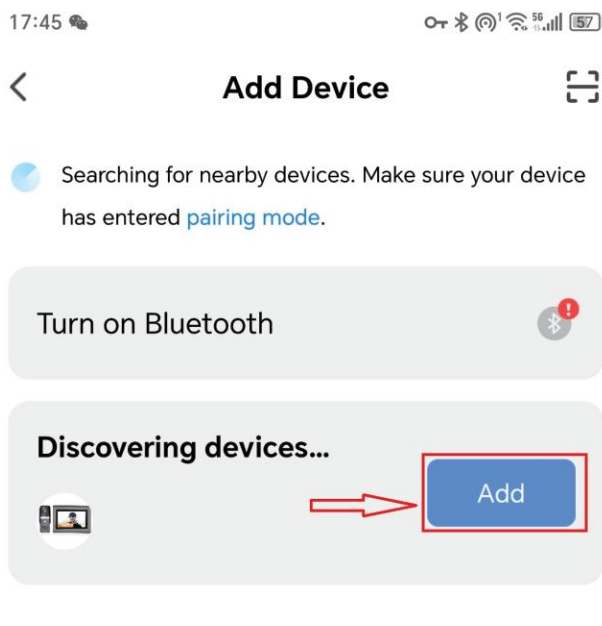
## Steps 2

Open the software and click "Add Device", and it will search and pair device.

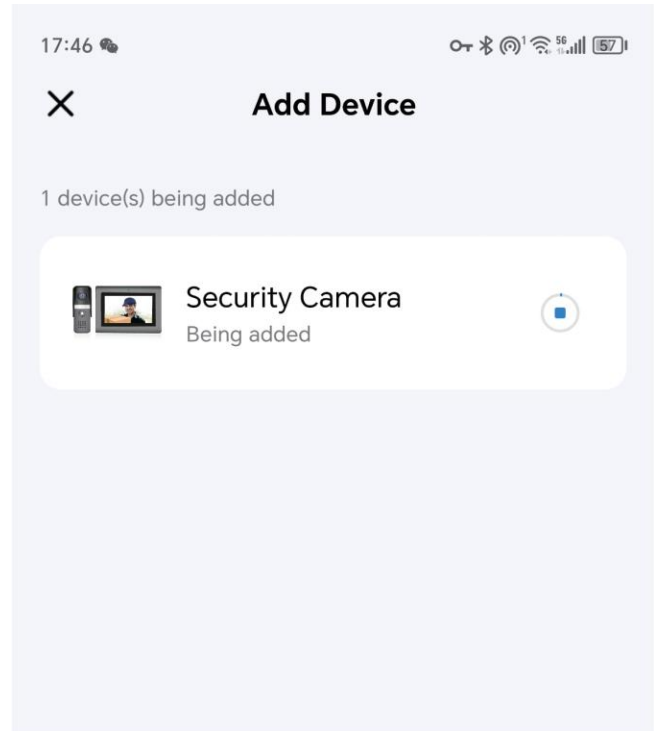


### Steps 3

When the WiFi monitor device is found, press "Add". And the device is being added.

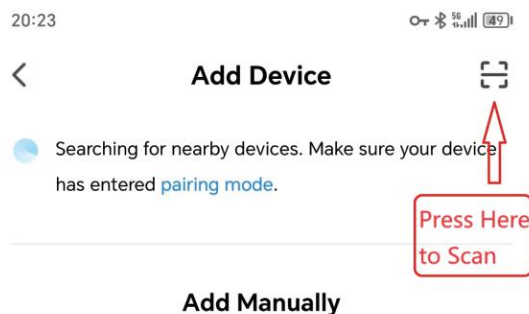


Add Manually

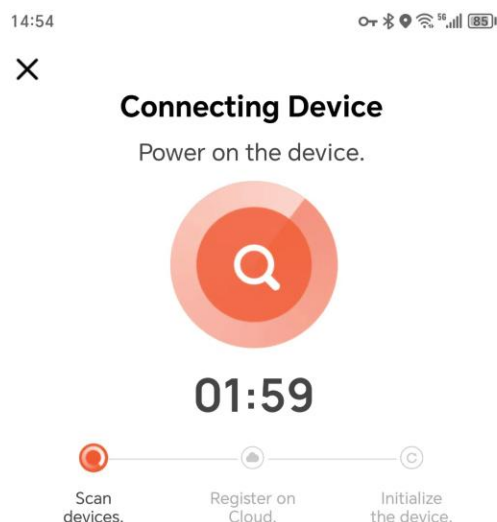


### Steps 4

In indoor monitor 's WiFi setting, there is QR code after connected to WiFi. Scan it and wait for adding.

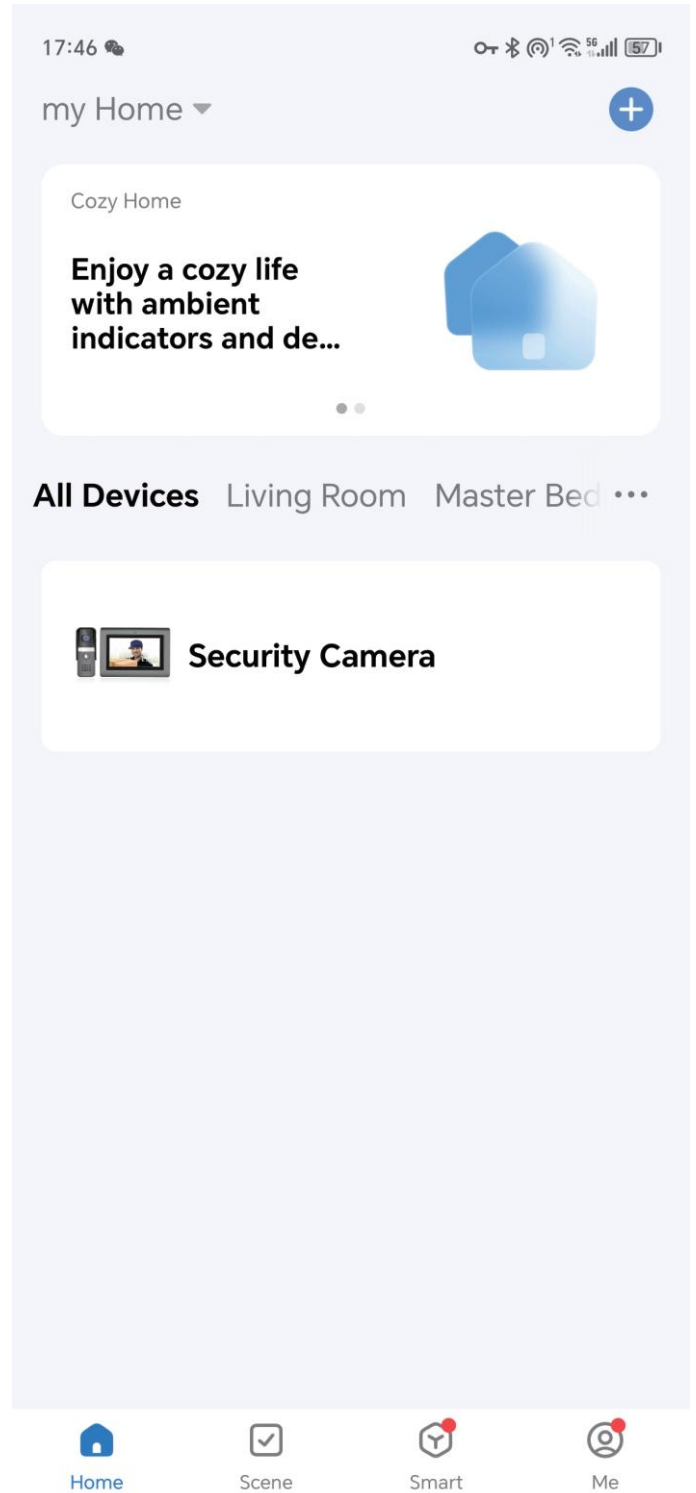
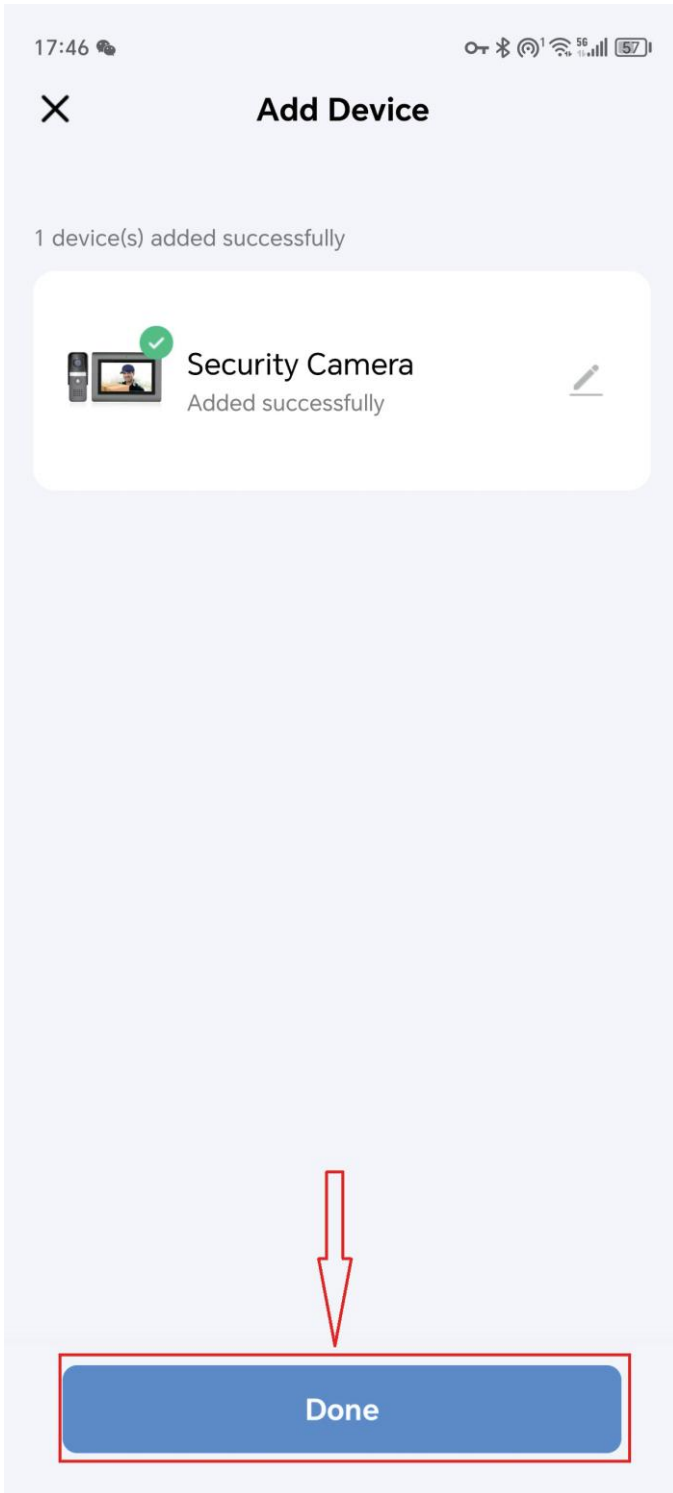


Add Manually



## Steps 5

Waiting for it's done, then press "Done". Finally, device is added successfully.



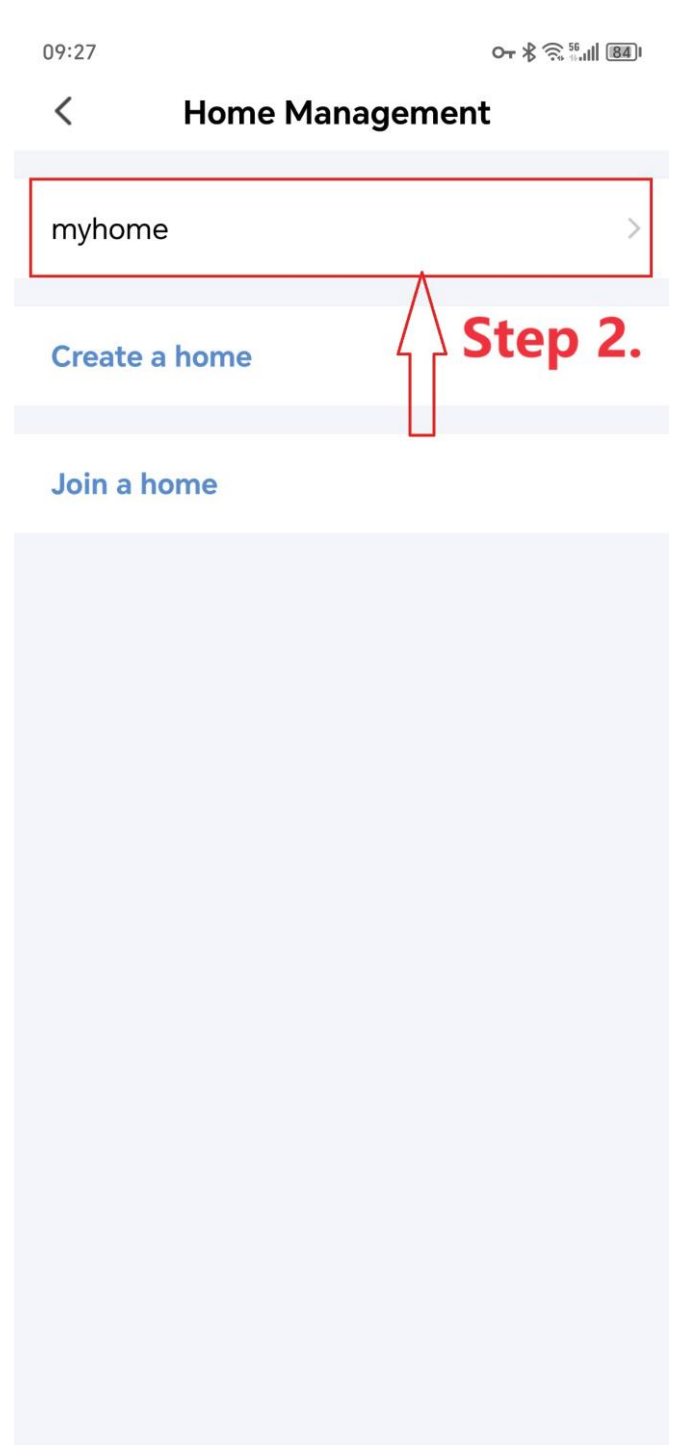
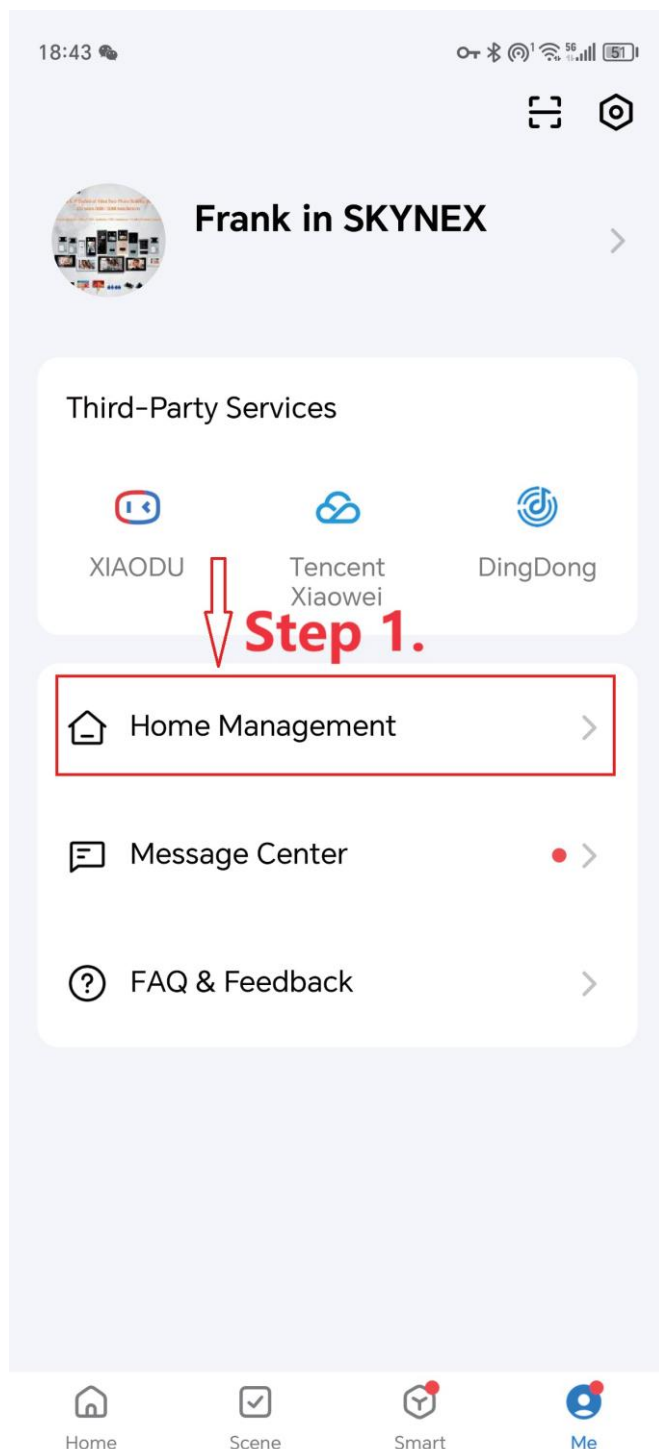


# How to Share to Other Users

## Steps 1

1. Log in to your account on the app on other family members' phone.
2. Another way is to add their accounts on your APP (Up to 20 members).

Found "Me"---enter the "Home Management".



## Steps 2

You need to "Complete Home Information" if you don't use Tuya or Smart Life before. Just name this family group like "myhome". And in "Home Settings", add family members.

17:34:35

Cancel **Complete Home Information** Save

Home Name \* Enter **For example: myhome**

Location Set

Rooms:

- Living Room ☒
- Master Bedroom ☒
- Second Bedroom ☒
- Dining Room ☒
- Kitchen ☒
- Study Room ☒

[Add Room](#)

**Step 3**

09:20

< **Home Settings**


Home Name myhome >

Room Management 6 Room(s) >

Location To Be Set >

Manage Permissions >

Home Member

 Frank in SKYNEX wx-o9u\_svwRRwu0f... Home Owner >

**Add Member** **Step 4.**

Delete Home

Steps 3

Input the account and name you want to share, and click Save to finish the sharing.

09:25

Remember to Save

Cancel

Add Member

Save

Name of member to be added

Name

Juan

Region

China

Account

18450050175

Member registration

account(telephone or email)

Only after accepting the invitation will the account owner become a family member and be able to use relevant functions.

Family Role

Common Member

09:24

<

Home Settings

Home Name

myhome

Room Management

6 Room(s)

Location

To Be Set

Manage Permissions

Home Member

Frank in SKYNEX

wx-o9u\_svvRRwu0f...

Home Owner

Juan

Waiting to join...

Common Member

Add Member

Delete Home



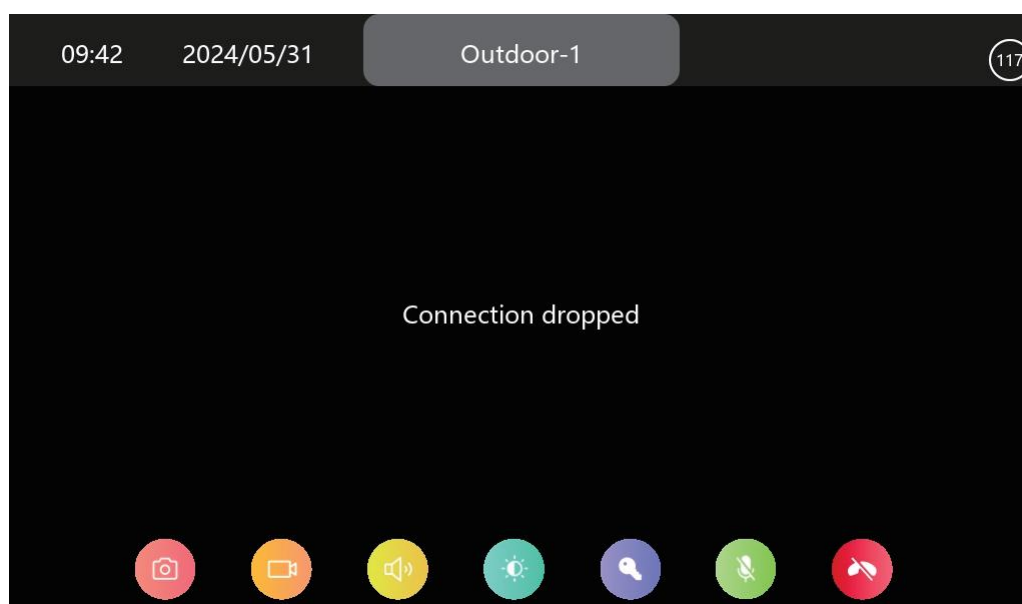
# Function

## 1.Home Page

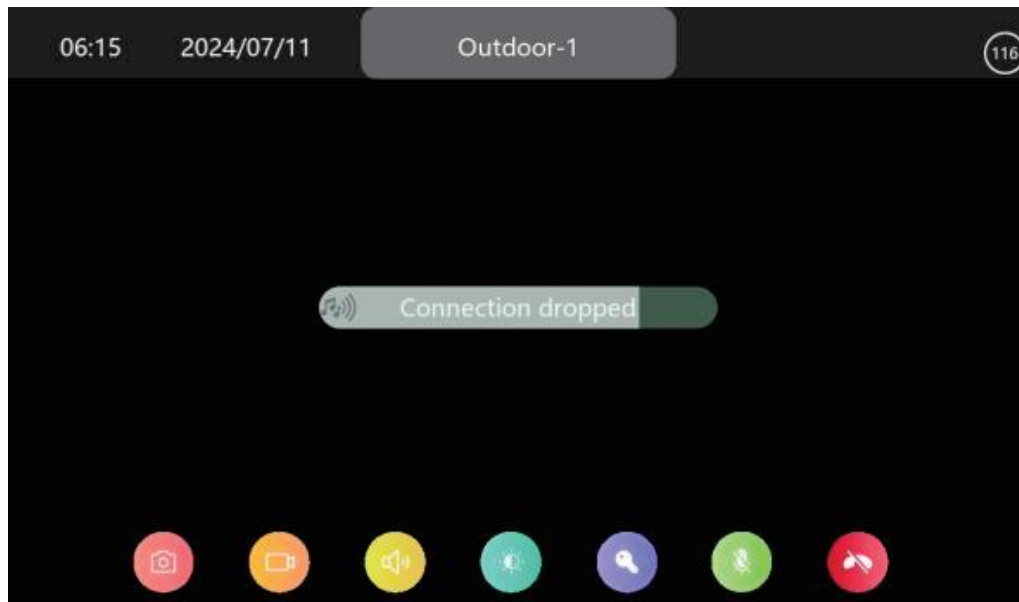


- (1)Settings. Touch this icon to enter setting page.
- (2)Monitoring. Touch and monitoring picture of outdoor station or IP cameras.
- (3)Room Call. One button to call all other monitors in the same apartment.
- (4)Call Records. Photo or video records when someone is calling, or you take on your own initiative.
- (5)Mute. Silent mode on or off.
- (6)Second Door. Open the second door lock connected to monitor.

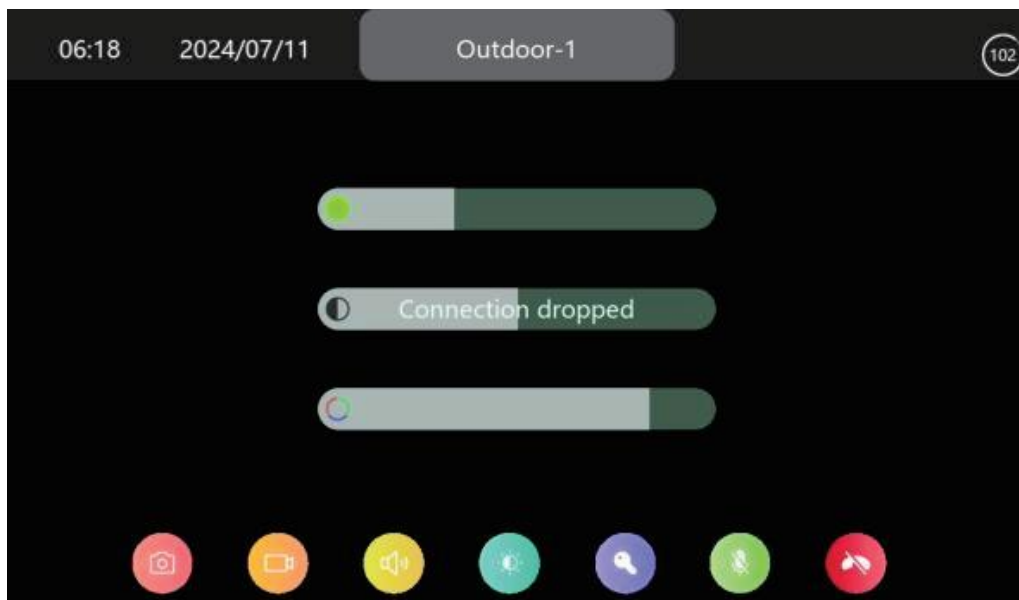
## 2.Monitoring Page



- (1)Device. Show which outdoor station is calling or monitoring. And while monitoring, click to switch to another outdoor station or CCTV camera.
- (2)Photo. Click to take a photo.
- (3)Video. Click to start recording a video, and then one more touch to stop.
- (4)Volume. Click to adjust volume. Drag left or right to decrease or increase the volume.



- (5)Contrast. Adjust brightness, contrast and color.



- (6)Unlock
- (7)Mic
- (8)Hang up

### 3.Call Records



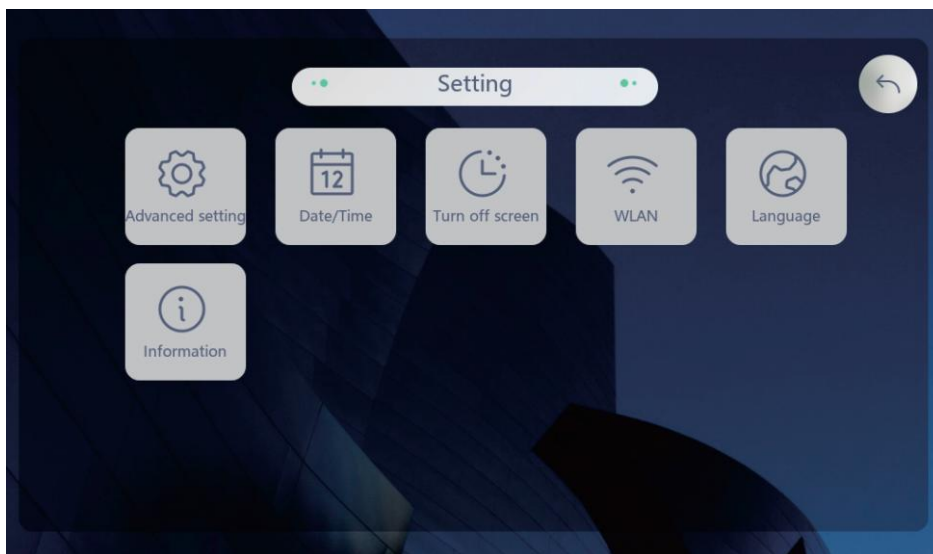
(1)Date. (2)Unread. (3)Read.

(4)Video. (5)Photo.

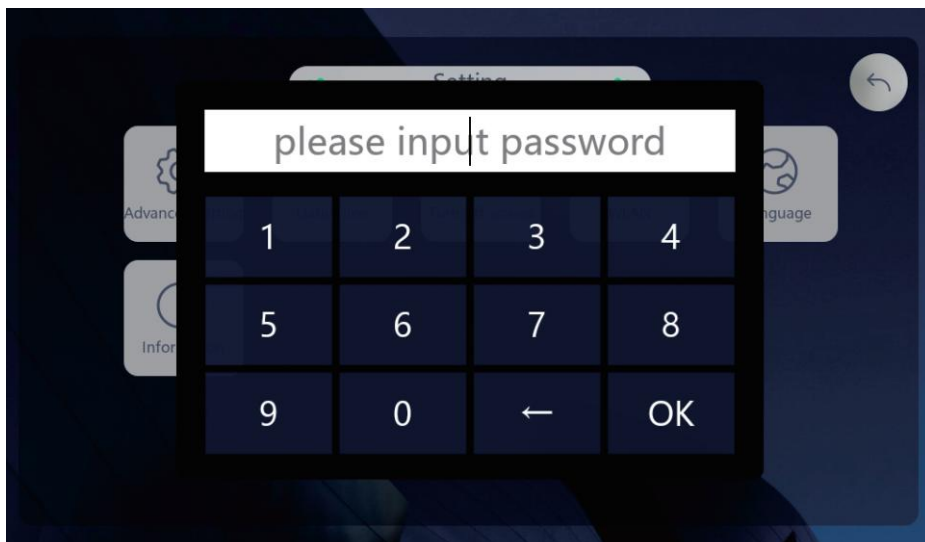
(6)View Video. Click the picture to view video.

(7)Delete . (8)Return.

### 4.Settings Page



(1)Advanced Settings(Default password: "666666"). Enter the password to enter the advanced settings.

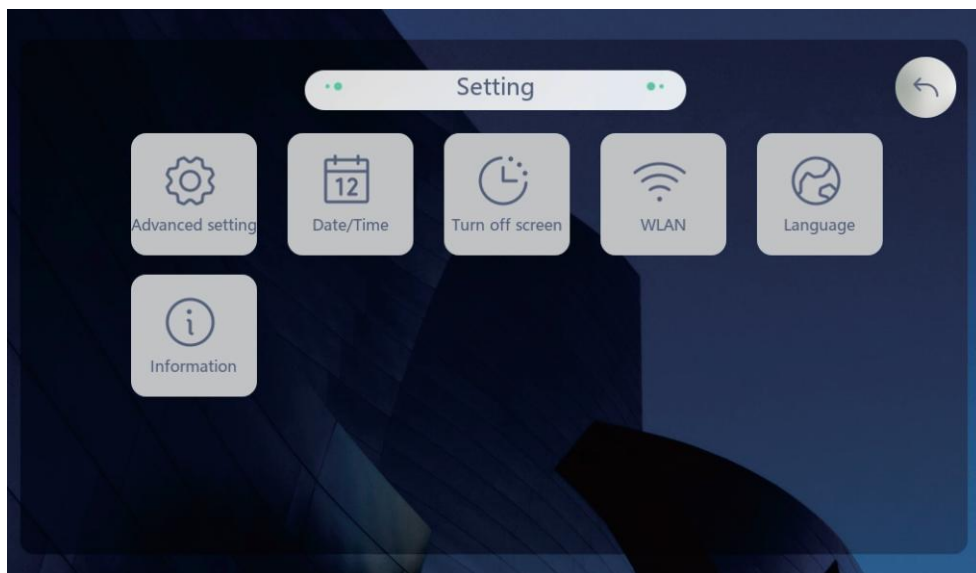




(2)Date/Time. Set time format, automatically synchronize time, manually set time and date, set time zone.



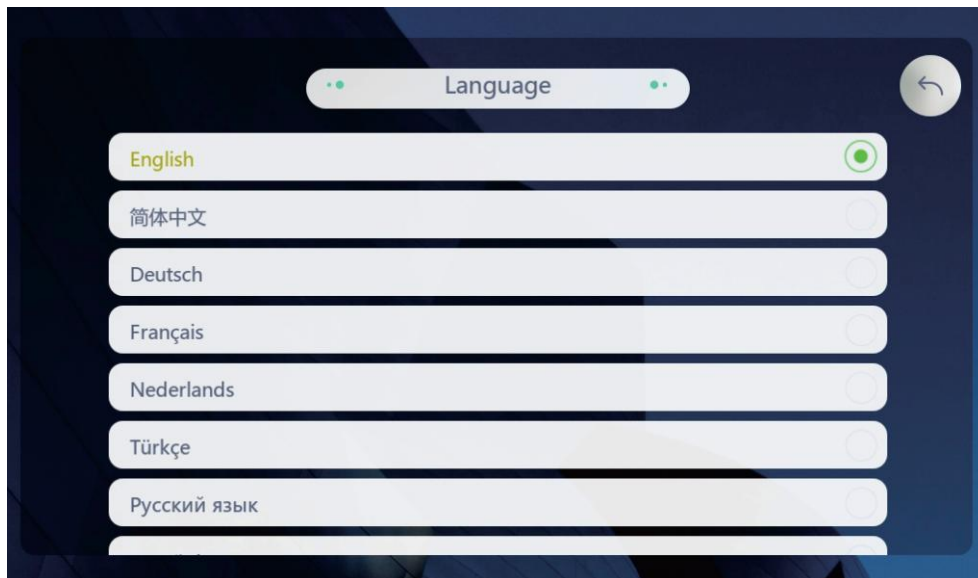
(3)Turn off screen time.



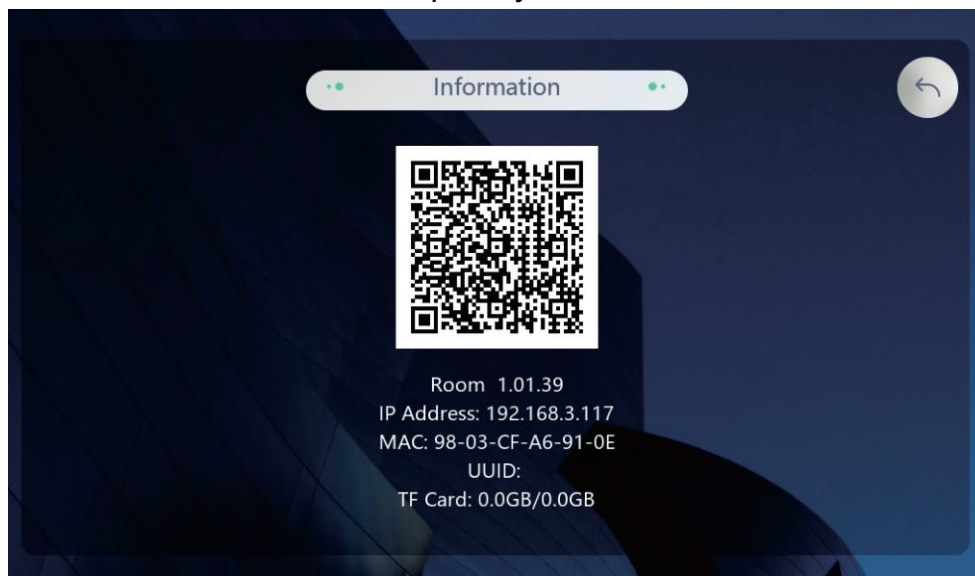
(4)WLAN. After connected to WiFi, there is a QR code. Click and scan by Tuya App.



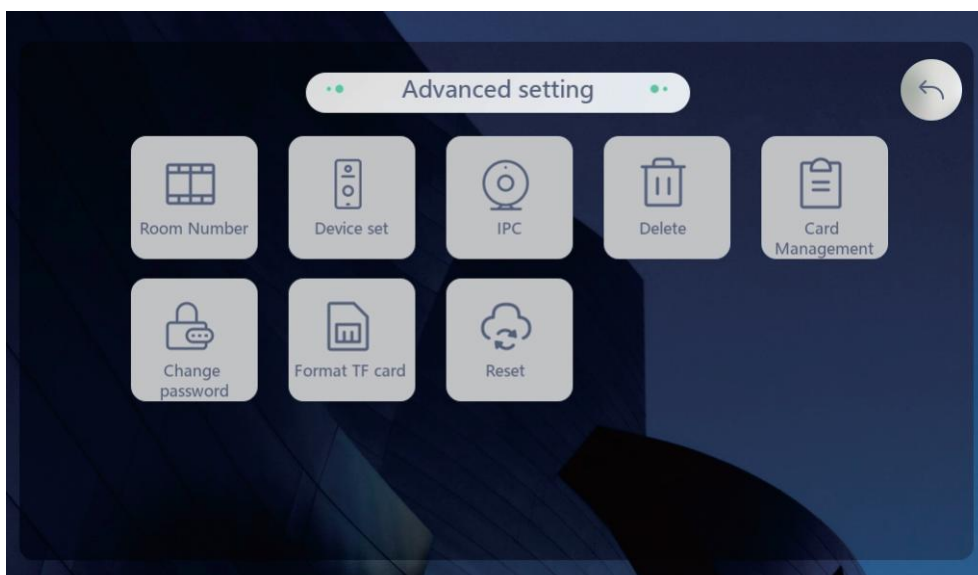
(5)Language. English, Chinese, German, French, Dutch, Turkish, Russian, Spanish , etc.



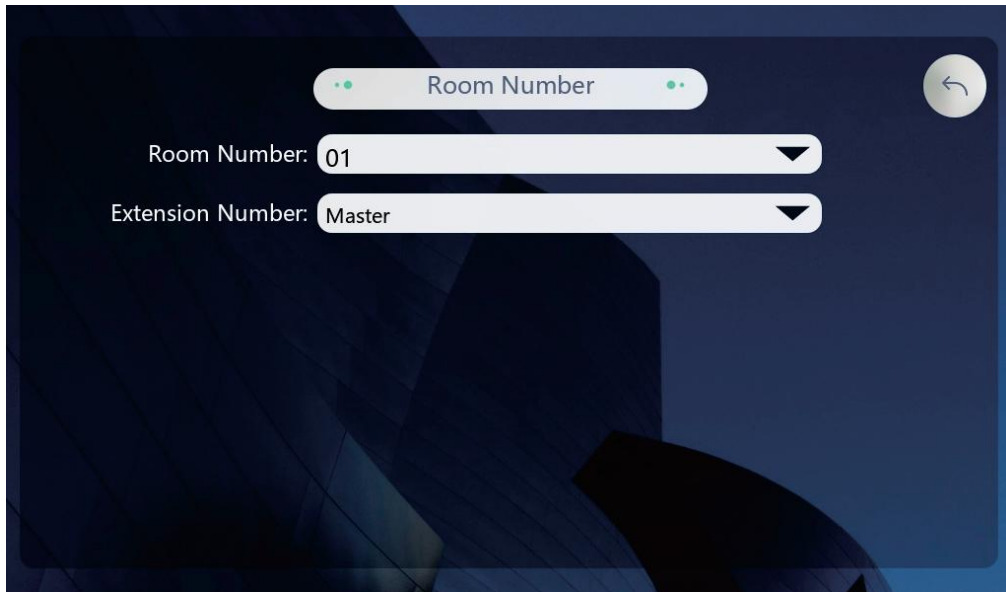
(6)Information. Room software version, IP address after connected WiFi, MAC address, UUID, TF card capacity.



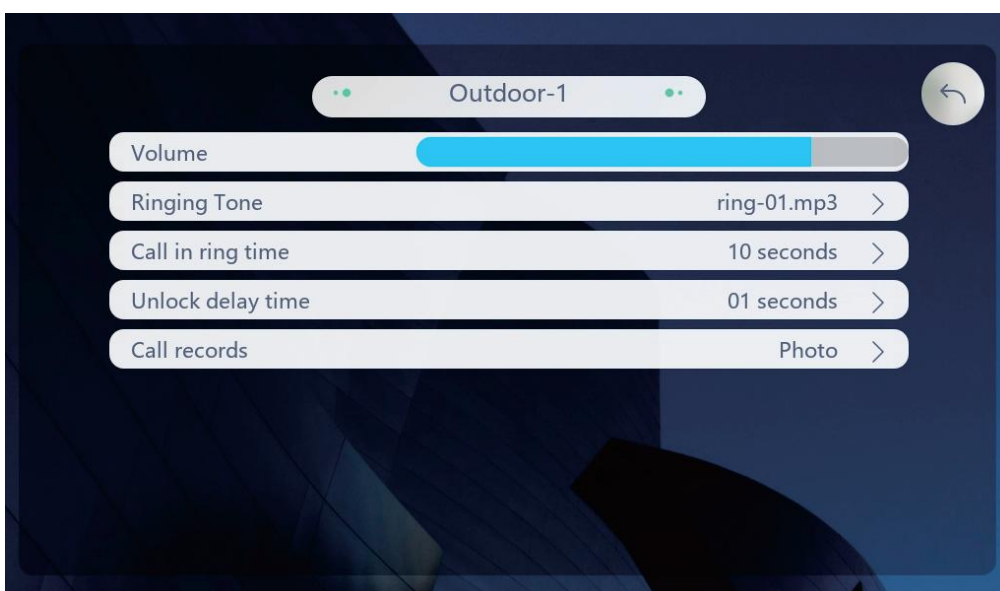
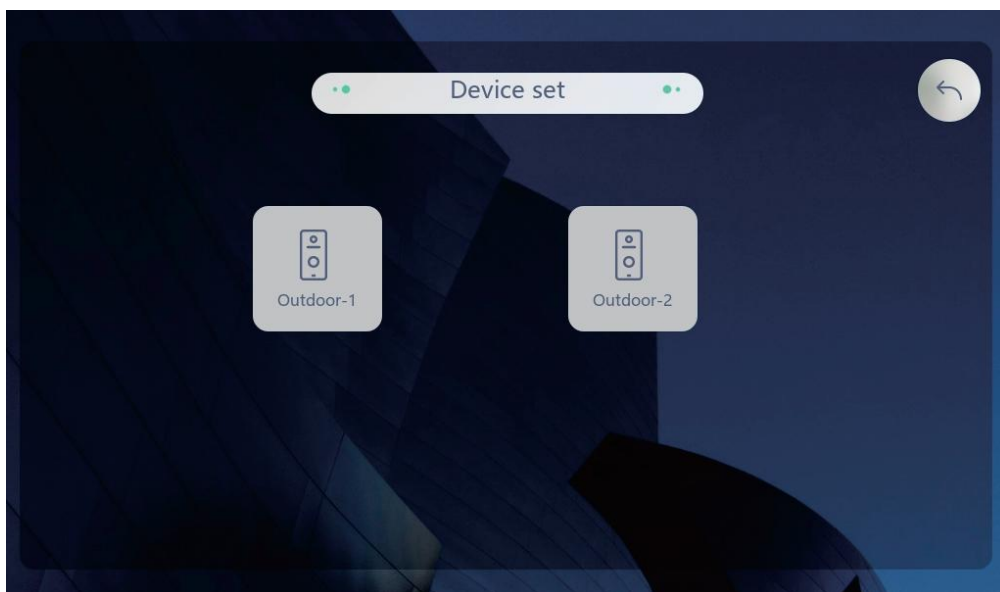
## 5.Advanced Setting



- (1)Room Number. Only the extension number set as Master can connect to Tuya. If there are multiple indoor monitors, they need to be set to different Extension Numbers.



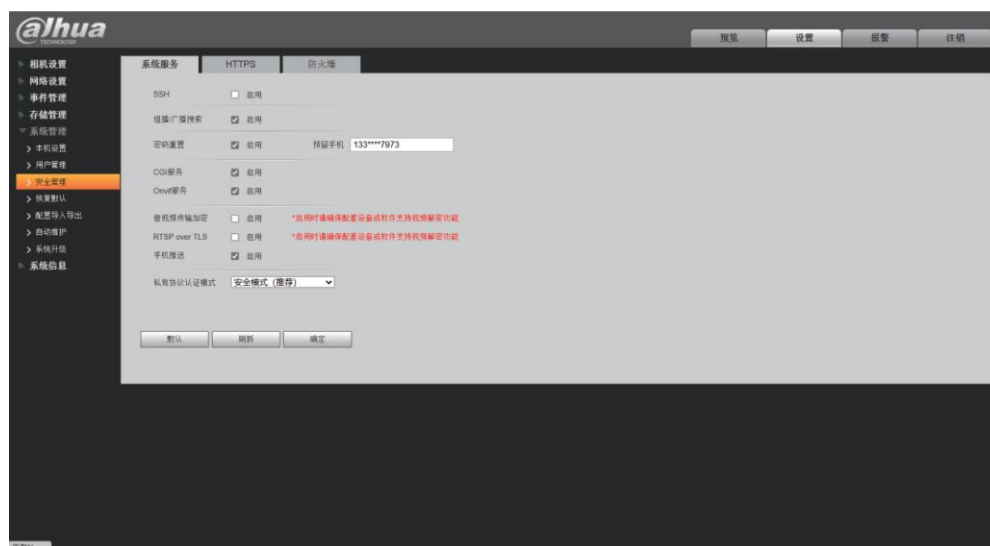
- (2)Device Set. Set volume, ringtone, ring duration, unlock delay, and photo or video Call Records.



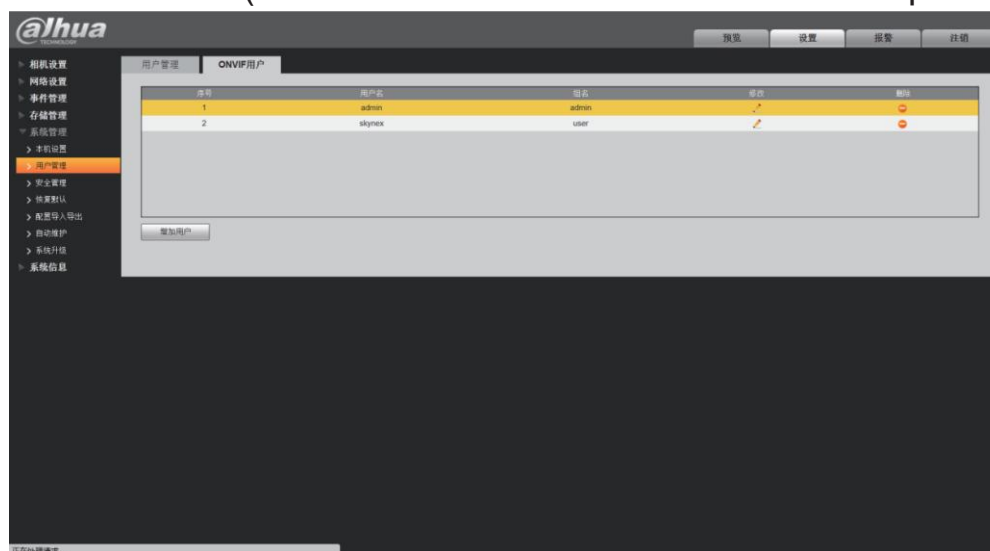


### (3)IPC

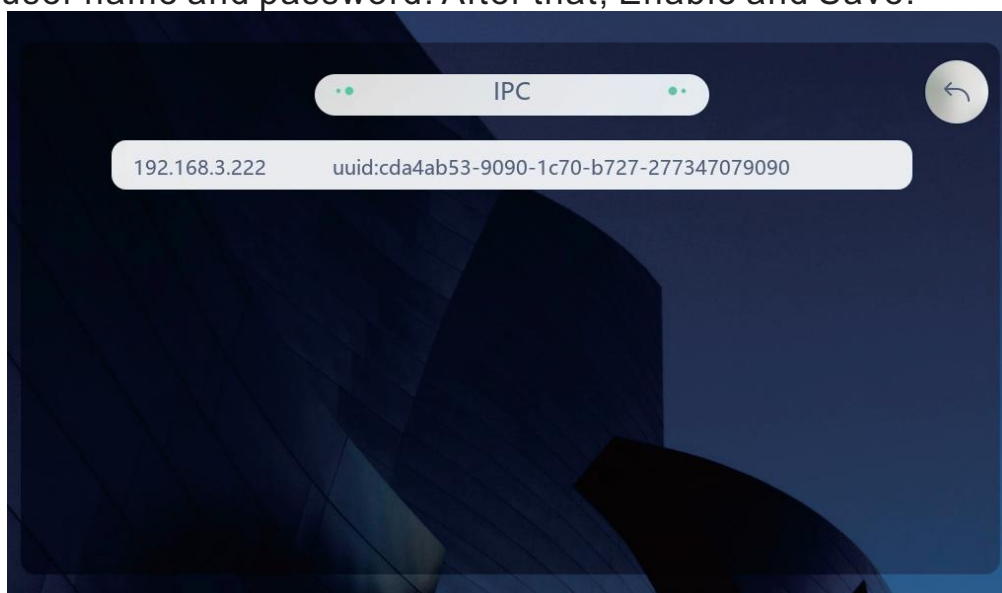
A.In System Settings - Security Management-System Services, Enable Onvif service.



B.In Settings - System Management - User Management - ONVIF User, click Add User, enter the new user name and new password (used to add a camera to the intercom device ) , select user for the user group, and click OK.(We need this ONVIF user name and password)

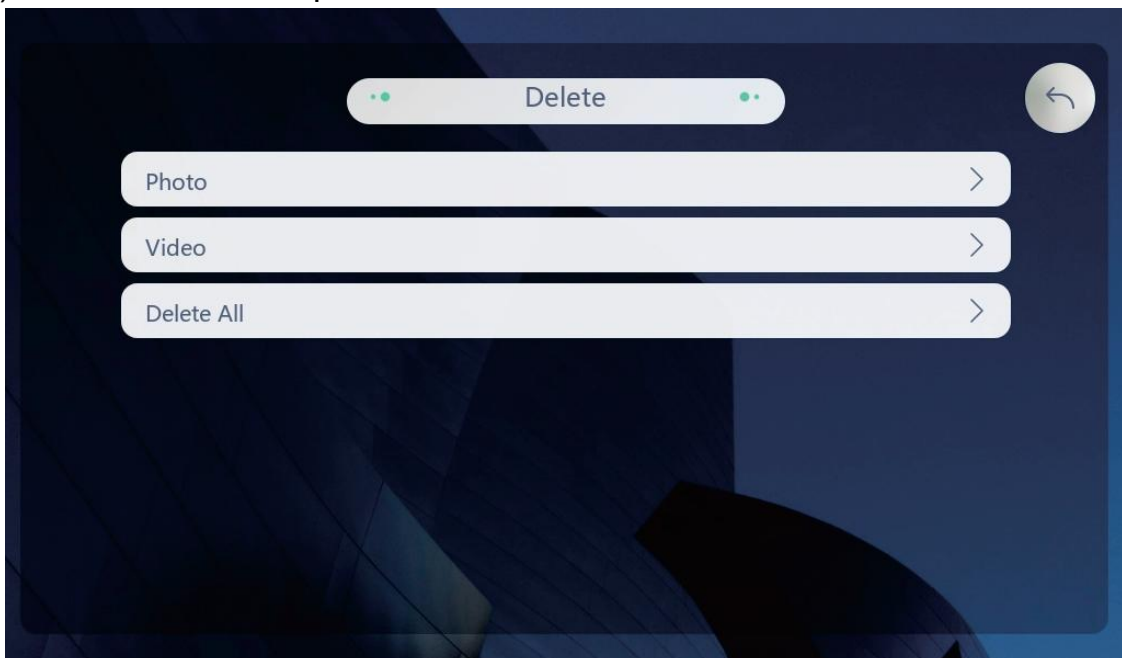


C.In IPC settings, click the IP address of camera. And then, input the ONVIF user name and password. After that, Enable and Save.



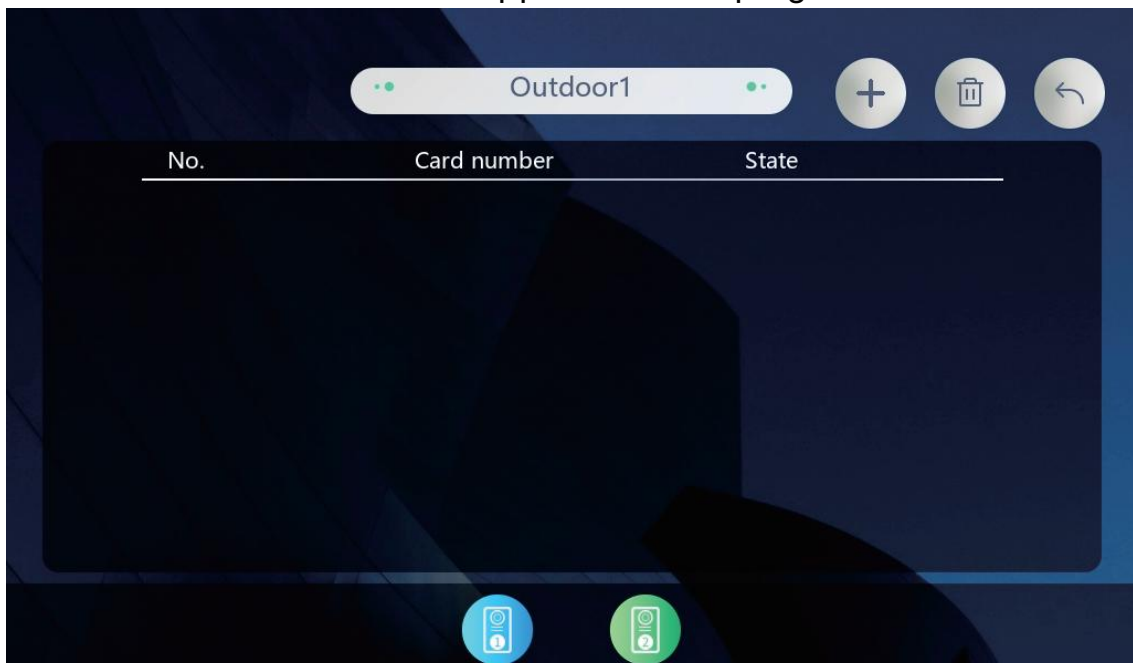


(4)Delete. Delete all photos or videos at once.

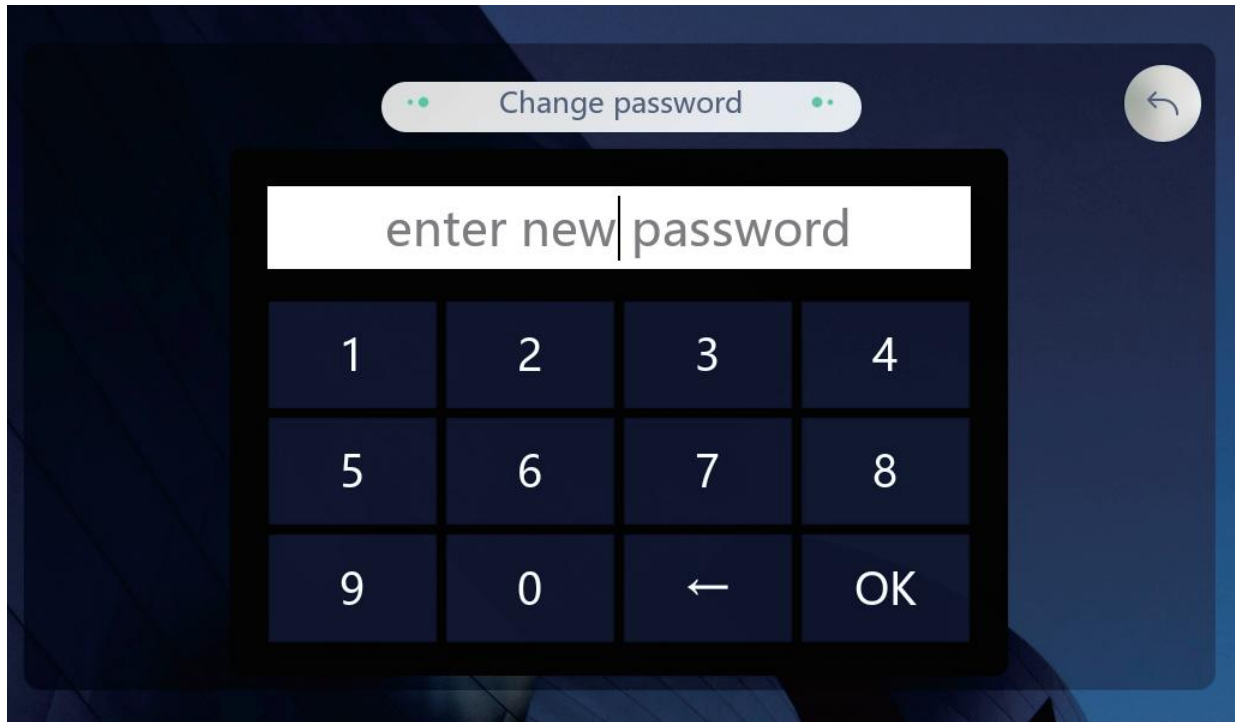


(5)Card Management.

The outdoor unit needs to support card swiping.



(6)Change Password (Default password: 666666). Enter the new password twice to change the password.



(7)Format. Formatting the TF card will clear all the information in the card

(8)Reset

Reset. After confirmation, all settings will be restored to factory settings. Please note!

# Specifications

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## Indoor Monitor

- 7 inch LCD 1024\*600 pixel
- Internal power or POE
- AC100-240V or DC 12-24V Power
- ABS Plastic + PET
- Support WIFI 2.4G
- Operating Temperature: -30°C~ +60°C
- Dimensions: 230\*145\*26mm
- Color: white+silver / black+grey optional
- Language: English/ Spanish / Russian/ Turkish / German / French/ Netherlands / Customize

## Villa Outdoor Station

- HD 1080P , 2MP Camera
- DC 12–24V power from indoor monitor
- Aluminum alloy +Acrylic panel material
- Operating Temperature: -40°C~ +70°C
- Color: white +silver
- Dimensions: 122\*48\*20mm

# Operations

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## Video Conference Call

To call the monitor, press the button on call panel. Then, the monitor shows image of the call panel. Touch the button shown on the screen. to answer or hang up or unlock the door.

## Monitor

- To monitor call panel, touch the monitor button on the screen.
- Touch call panel name to switch between call panels.
- Touch photo or video button to record manually.
- Touch sound button to adjust volume.
- Touch unlock button to unlock the door.
- Touch MIC button to mute.
- Touch hang up button to finish monitoring.

## Photo

- When call panel calls the monitor, monitor will take a photo or video automatically according to settings.
- While monitoring, touch the snapshot button to take a picture.
- To check records, touch the photo on the screen.



## Setting

Ringtone	Set ringtones for indoor monitor
Record	Call records, photo or video according to settings
Date&Time	Set date and time
Turn Off Screen	Set screen off time
Delete	Delete all photo or videos
Language	Spanish / Russian/ Turkish / German / French/ Nederlands / Customize
Information	Check monitor information.
Reset	Restore factory settings

## FAQ

NO	Malfunction	Reason	Solution
1	Outdoor station can't call indoor monitor.	1. Indoor monitor got reset. 2. Network cable quality or different standard.	1. In "Settings"- "Advanced setting "- "Room number", set room number as 01, extension number as "Master". password "666666". 2. Use a 568B standard and good quality network cable.
2	Before installation ,it worked well. After installation, it can't call successfully.	1. Network cable quality. 2. Insufficient power supply voltage.	1. Use a good quality network cable. 2. Use a power adapter with output DC18V-24V, if the network cable is over 40 meters.
3	When visitor was calling, only one of monitors is working.	1. Room number is the same.	1. For example, the room number of one monitor is "01"- "Master", and the another should be "01"- "Slave-1". If there are more screens then the room number should be "01"- "Slave-2" and "01"- "Slave-3".
4	Why can't open the lock.	1. Not use a power supply controller. 2. Connect the wrong wire.	1. Use a power supply controller to power and control the lock 2. Please get and check the wiring diagram or video from technical support.
5	Why the indoor unit can't connect to the APP?	1. Only the indoor unit with extension number "Master" can connect to the APP. 2. The internet might not be good.	1. Set extension number as "Master". Then restart the indoor unit's WiFi. 2. Try again when the network is stable.