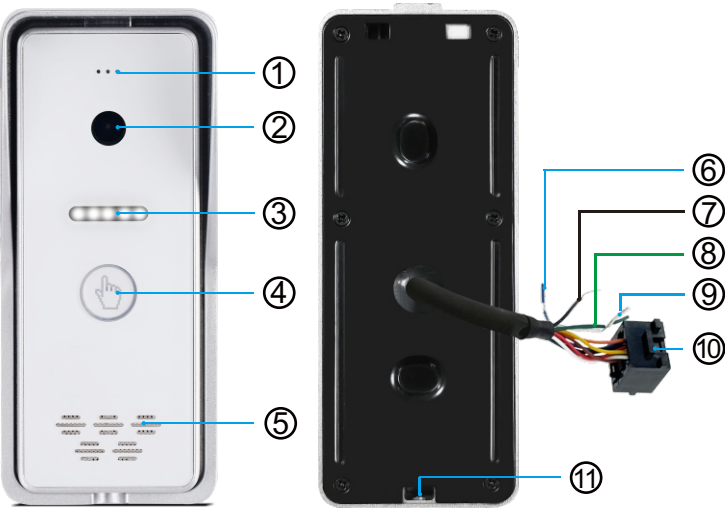# Doorbell
Instruction Manual
(VIP Series)

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

Call Panel

P4(Ethernet Cable)

①	Microphone
②	Camera
③	LED
④	Call Button
⑤	Speaker
⑥	Blue: Door Sensor
⑦	Black: COM
⑧	Green: NC
⑨	White: NO
⑩	Rj45
⑪	Screw Hole

P4(2 Wires)
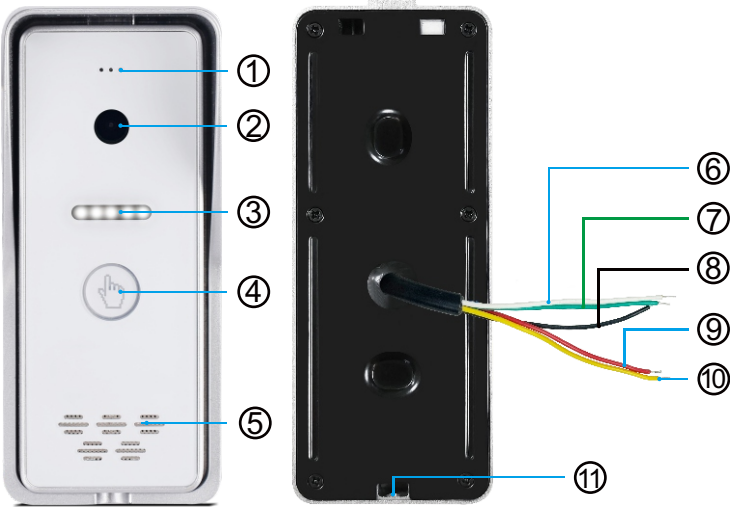
①	Microphone
②	Camera
③	LED
④	Call Button
⑤	Speaker
⑥	White: NO
⑦	Green: NC
⑧	Black : COM
⑨	Red : RX
⑩	Yellow : TX
⑪	Screw Hole

P901(Ethernet Cable)
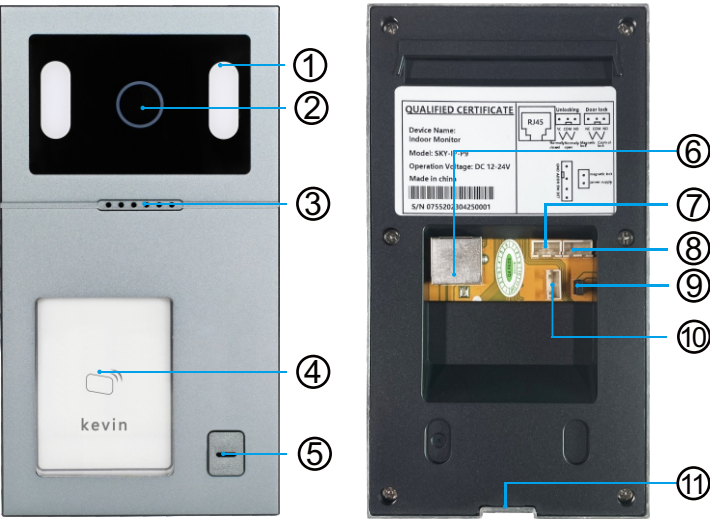
①	LED
②	HD Camera
③	Speaker
④	IC/ID Card Reader
⑤	Call Button
⑥	RJ 45
⑦	NC COM NO
⑧	NC GND NO
⑨	Magnetic lock power supply
⑩	GND ADDR SW DET
⑪	Screw Hole

P901(2 Wires)
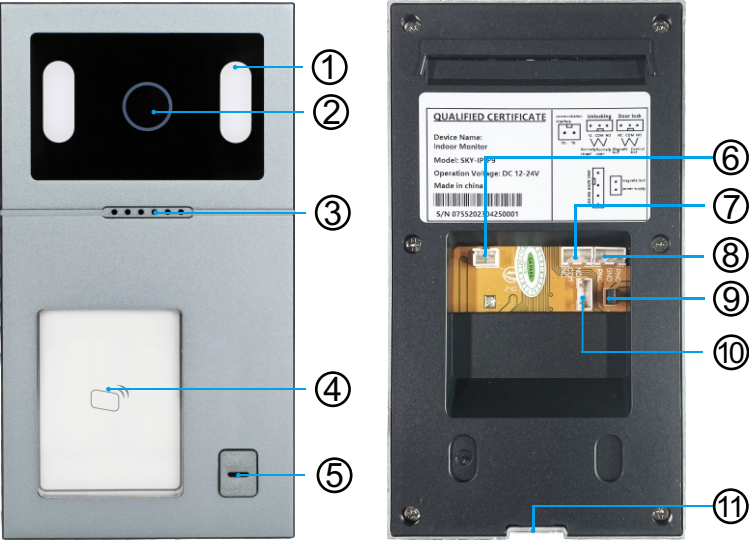
①	Light Compensation
②	HD Camera
③	Speaker
④	IC/ID Card Reader
⑤	Call Button
⑥	TX+ TX-
⑦	NC COM NO
⑧	NC GND NO
⑨	Magnetic lock Power supply
⑩	GND ADDR SW DET
⑪	Screw Hole

QUALIFIED CERTIFICATE

Device Name:
Indoor Monitor
Model: SKY-IP-P9
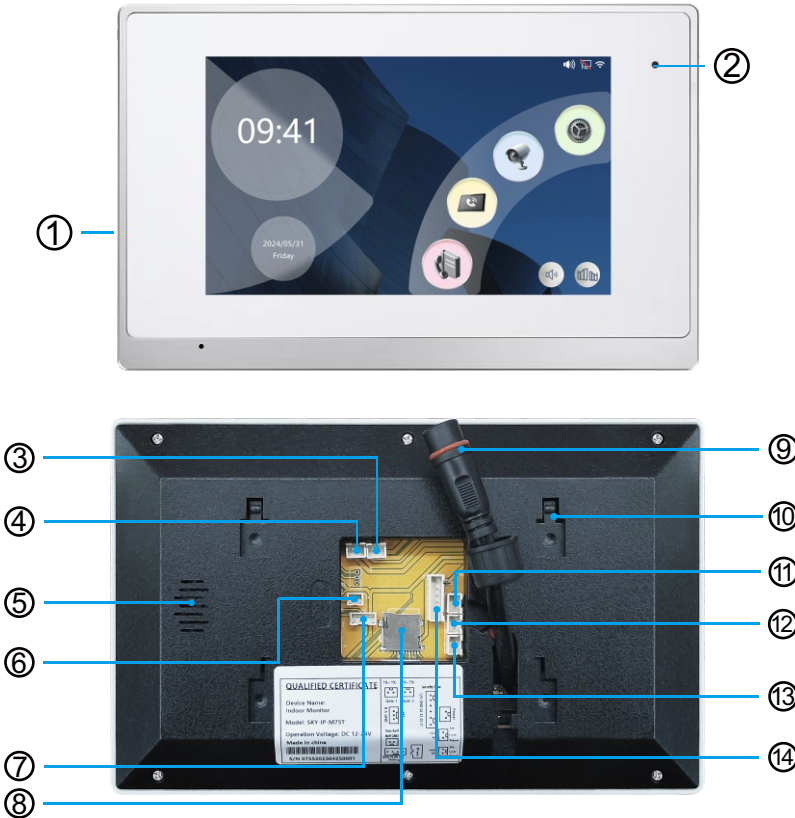Operation Voltage: DC 12-24V
Made in china
S/N 0755202304250001

Indoor Monitor

M75T(Ethernet Cable)
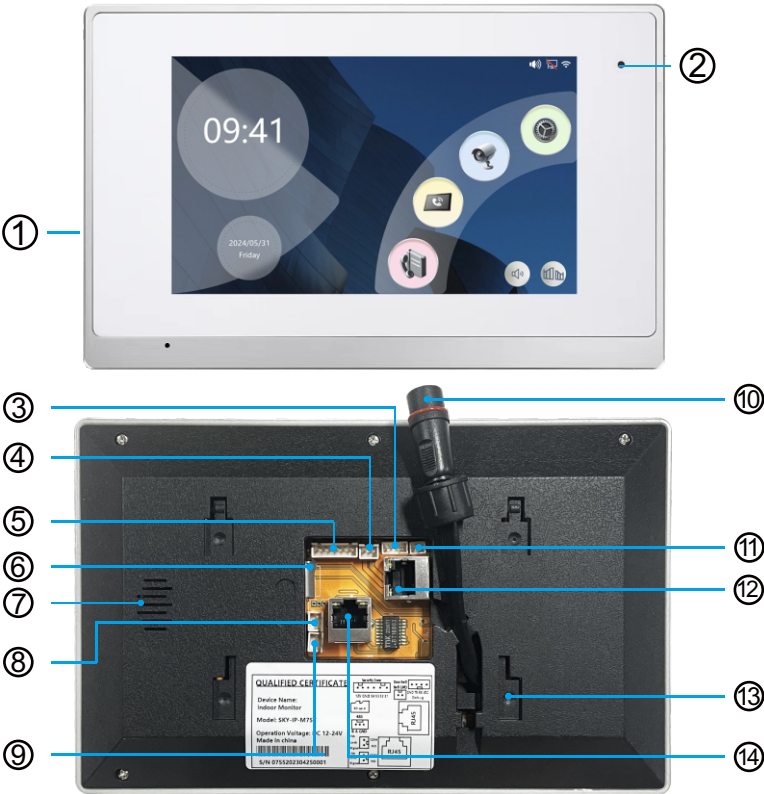
① Screen

② Microphone

③ Debug Software: GND TX RX VCC

④ Power + -

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

M75T(2 Wires)

① Screen

② Microphone

③ Door 2/RX TX

④ Door 1/RX TX

⑤ Speaker

⑥ Bell GND

⑦ GND TX RX VCC

⑧ SD Card

⑨ Built-in Power Supply

⑩ Bracket Slot

⑪ Power + -

⑫ Door 1 Lock/COM NC

⑬ Door 2 Lock/COM NO

⑭ 12V GND S4 S3 S2 S1

Call Panel Installation

Drilling

Drill screw holes at proper location for wall mounting plate.

Fix Wall Mounting Plate

Fix the wall mounting plate to the wall with 2 screws.

Install Call Panel

Insert the call panel to the plate and fix it with a screw.

Call Panel Installation

Drilling

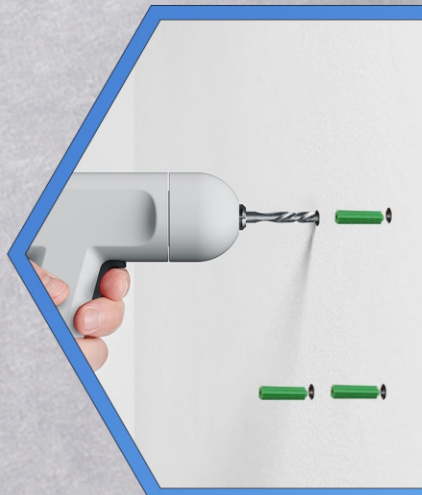Drill screw holes at proper location for wall mounting plate.

Fix Wall Mounting Plate

Fix the wall mounting plate to the wall with 2 screws.

Install Call Panel

Insert the call panel to the plate and fix it with a screw.
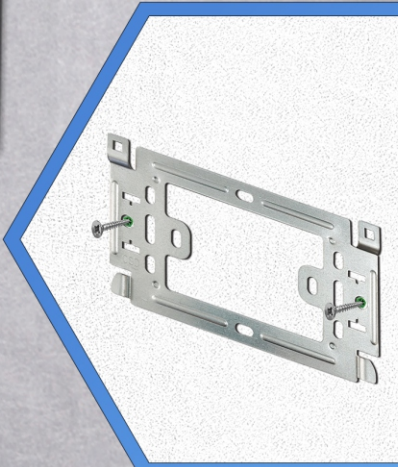
Indoor Monitor Installation

Drilling

Drill Screw holes at proper location for wall mounting plate.

Fix Wall Mounting Plate

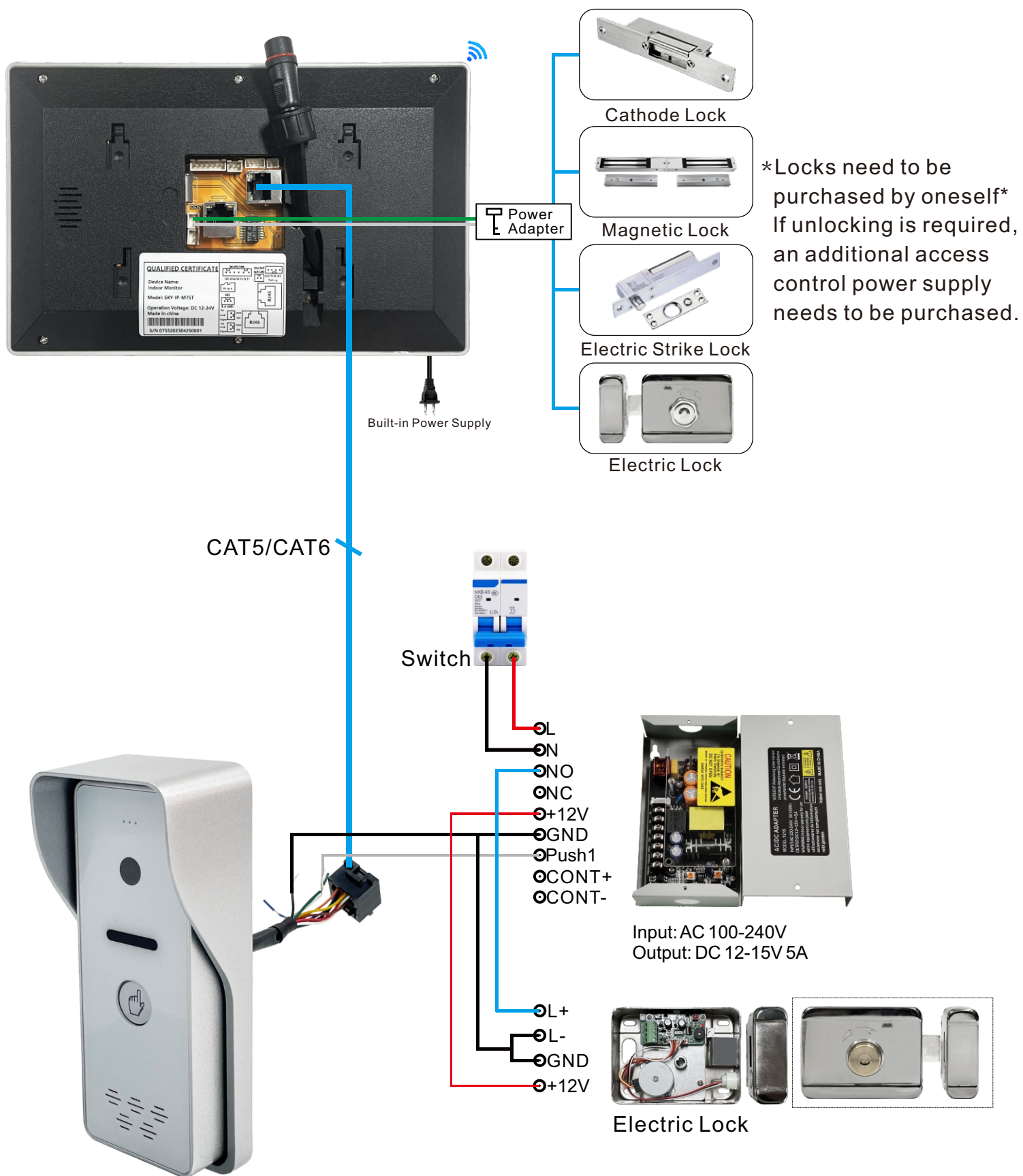Fix the wall mounting plate to the wall with 2 screws.

Hang indoor Monitor

Hang the indoor monitor on the wall mounting plate tightly.

Wiring Diagram(1 to 1) (Ethernet Cable)

Cathode Lock

Magnetic Lock

Locks need to be purchased by oneself
If unlocking is required, an additional access control power supply needs to be purchased.

Electric Strike Lock

Electric Lock

Power Adapter

Built-in Power Supply

CAT5/CAT6

Switch

L
N
NO
NC
+12V
GND
Push1
CONT+
CONT-

Input: AC 100-240V
Output: DC 12-15V 5A

L+
L-
GND
+12V

Electric Lock

Wiring Diagram(1 to 1) (2 Wires)

Power Adapter

Built-in Power Supply

Cathode Lock

Magnetic Lock

Electric Strike Lock

Electric Lock

Locks need to be purchased by oneself
If unlocking is required, an additional access control power supply needs to be purchased.

2-wire

Optional
IN: AC 100-240V

AU   US   UK   EU

Switch

L
N
NO
NC
+12V
GND
Push1
CONT+
CONT-

Input: AC 100-240V
Output: DC 12-15V 5A

L+
L-
GND
+12V

Electric Lock

Villa 1 to 4 Diagram(Ethernet Cable)

Up to 4 pcs indoor monitor

7 Inch Indoor Monitor

09:41

7 Inch Indoor Monitor

09:41

non-standard POE switch

10/100Mbps SPOE Switch

AC 100-240V

7 Inch Indoor Monitor

09:41

7 Inch Indoor Monitor

09:41

CAT5/CAT6

Input: AC 100-240V
Output: DC 12-15V 5A

RVV 2×1.0

RVV 2×1.0

Call Panel

Electronic Lock

Magnetic lock

Villa 1 to 4 Diagram(2 Wires)

Up to 4 pcs indoor monitor

Indoor Monitor

09:41

Built-in Power Supply

Indoor Monitor

09:41

Built-in Power Supply

Indoor Monitor

09:41

Built-in Power Supply

Indoor Monitor

09:41

Built-in Power Supply

2-wire

2-wire

Input: AC 100-240V
Output: DC 12-15V 5A

RVV 2×1.0

RVV 2×1.0

Electronic Lock

Magnetic lock

Call Panel

Input: AC 100-240V
Output: DC 12-15V 5A

RVV 2×1.0

RVV 2×1.0

Electronic Lock

Magnetic lock

Call Panel

Wiring Diagram(1 to 1) (Ethernet Cable)

Cathode Lock

Magnetic Lock

Electric Strike Lock

Electric Lock

Locks need to be purchased by oneself If unlocking is required, an additional access control power supply needs to be purchased.

Power Adapter

QUALIFIED CERTIFICATE
Device Name:
Indoor Monitor
Model: SKY-IP-M75T
Operation Voltage: DC 12-24V
Made in china
S/N 0755202304250001

CAT5/CAT6

Switch

Optional
IN: AC 100-240V

AU   US   UK   EU

QUALIFIED CERTIFICATE
Device Name:
Indoor Monitor
Model: SKY-IP-P9
Operation Voltage: DC 12-24V
Made in china
S/N 0755202304250001

kevin

L
N
NO
NC
+12V
GND
Push1
CONT+
CONT-

Input: AC 100-240V
Output: DC 12-15V 5A

L+
L-
GND
+12V

Electric Lock

Wiring Diagram(1 to 1) (2 Wires)

Power Adapter

Cathode Lock

Magnetic Lock

Electric Strike Lock

Electric Lock

Locks need to be purchased by oneself If unlocking is required, an additional access control power supply needs to be purchased.

QUALIFIED CERTIFICATE
Device Name: Indoor Monitor
Model: SKY-IP-M75T
Operation Voltage: DC 12-24V
Made in china
S/N 07552022042500

2-wire

Switch

Optional
IN: AC 100-240V

AU   US   UK   EU

QUALIFIED CERTIFICATE
Device Name: Indoor Monitor
Model: SKY-IP-19
Operation Voltage: DC 12-24V
Made in china
S/N 07552022042500001

L
N
NO
NC
+12V
GND
Push1
CONT+
CONT-

Input: AC 100-240V
Output: DC 12-15V 5A

L+
L-
GND
+12V

Electric Lock

Villa 1 to 4 Diagram(Ethernet Cable)

Up to 4 pcs indoor monitor

7 Inch Indoor Monitor

09:41

7 Inch Indoor Monitor

09:41

non-standard POE switch

10/100Mbps SPOE Switch

AC 100-240V

7 Inch Indoor Monitor

09:41

7 Inch Indoor Monitor

09:41

CAT5/CAT6

kevin

Call Panel

RVV 2×1.0

POWER
DC 12-15V 5A

RVV 2×1.0

Electronic Lock

Magnetic lock

Villa 1 to 4 Diagram(2 Wires)

Up to 4 pcs indoor monitor

Indoor Monitor

09:41

2024/05/11
Friday

Built-in Power Supply

Indoor Monitor

09:41

2024/05/11
Friday

Built-in Power Supply

09:41

2024/05/11
Friday

Indoor Monitor

Built-in Power Supply

09:41

2024/05/11
Friday

Indoor Monitor

Built-in Power Supply

2-wire

2-wire

POWER
DC 12-15V 5A

RVV 2×1.0

RVV 2×1.0

POWER
DC 12-15V 5A

RVV 2×1.0

Electronic Lock

RVV 2×1.0

Electronic Lock

Magnetic lock

Magnetic lock

kevin

kevin

Call Panel

Call Panel

15

Add WIFI Tuya APP Connected with Mobile Phone Setting

Steps 1

The mobile phone should be connected to the same Wi-Fi network as the monitor. Then, download either "Tuya Smart" or "Smart Life-Smart Living" from Google Play or the App Store, and register or log into your account.

Steps 2

Open the app and click "Add Device." It will then search for and pair with the device.
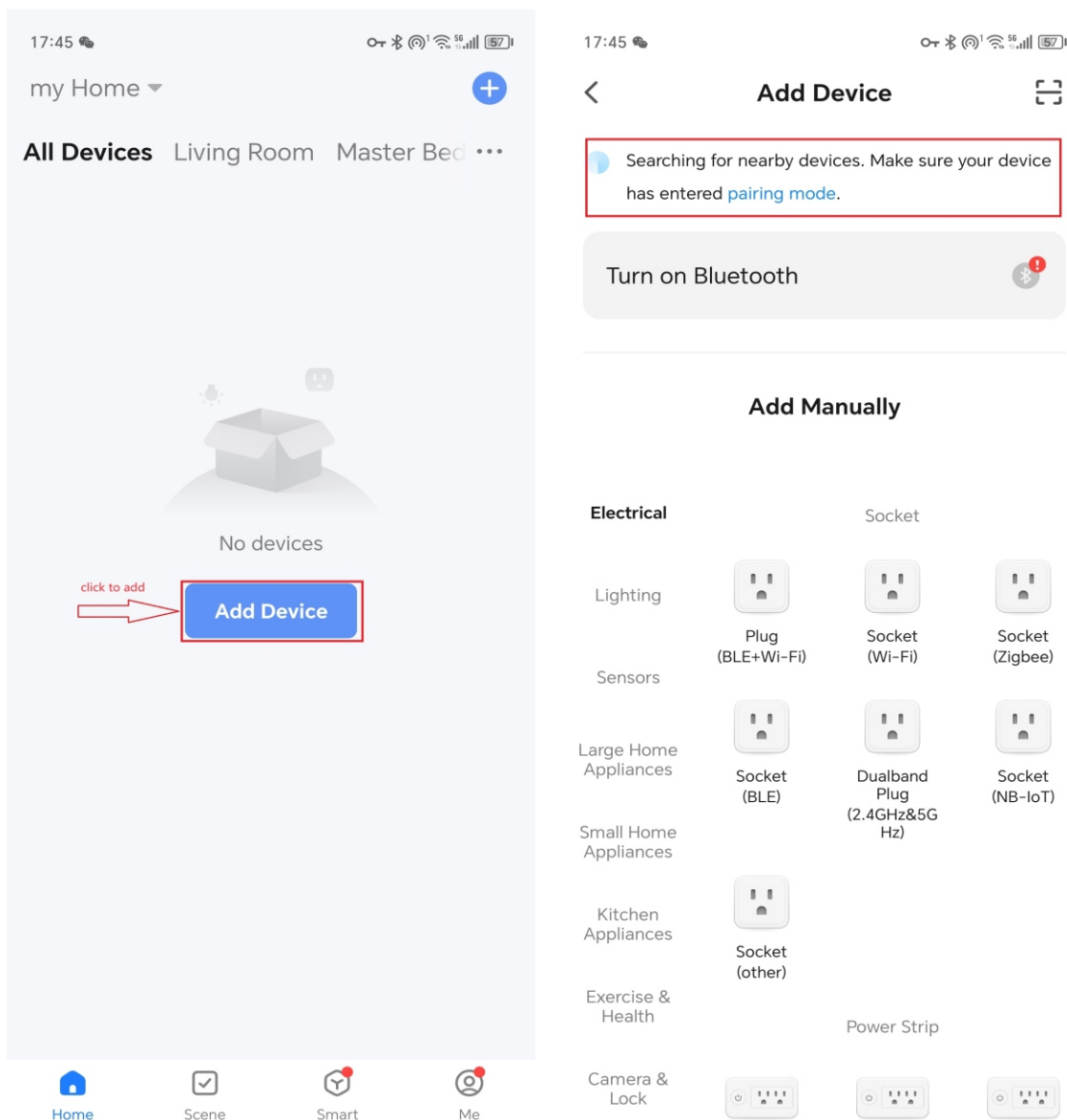
Steps 3

In Settings > WLAN, after connecting to Wi-Fi, a QR code will appear. Use the Tuya app to scan the QR code and wait for the device to be added.
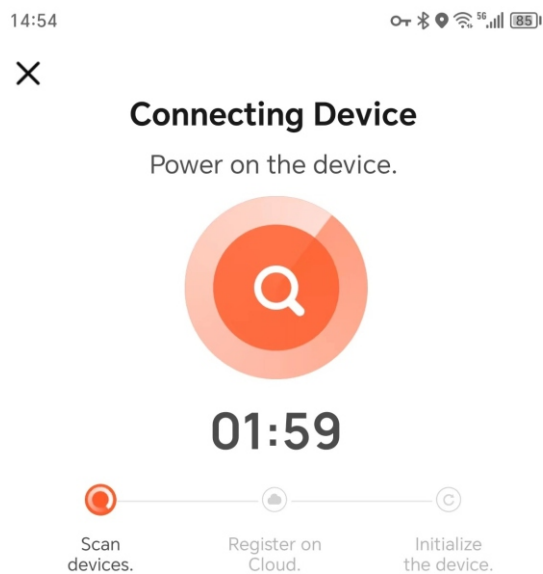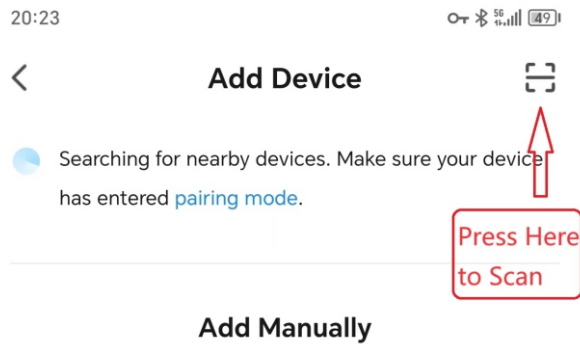
Steps 4

Wait until the process is complete, then press "Done." The device will be added successfully.
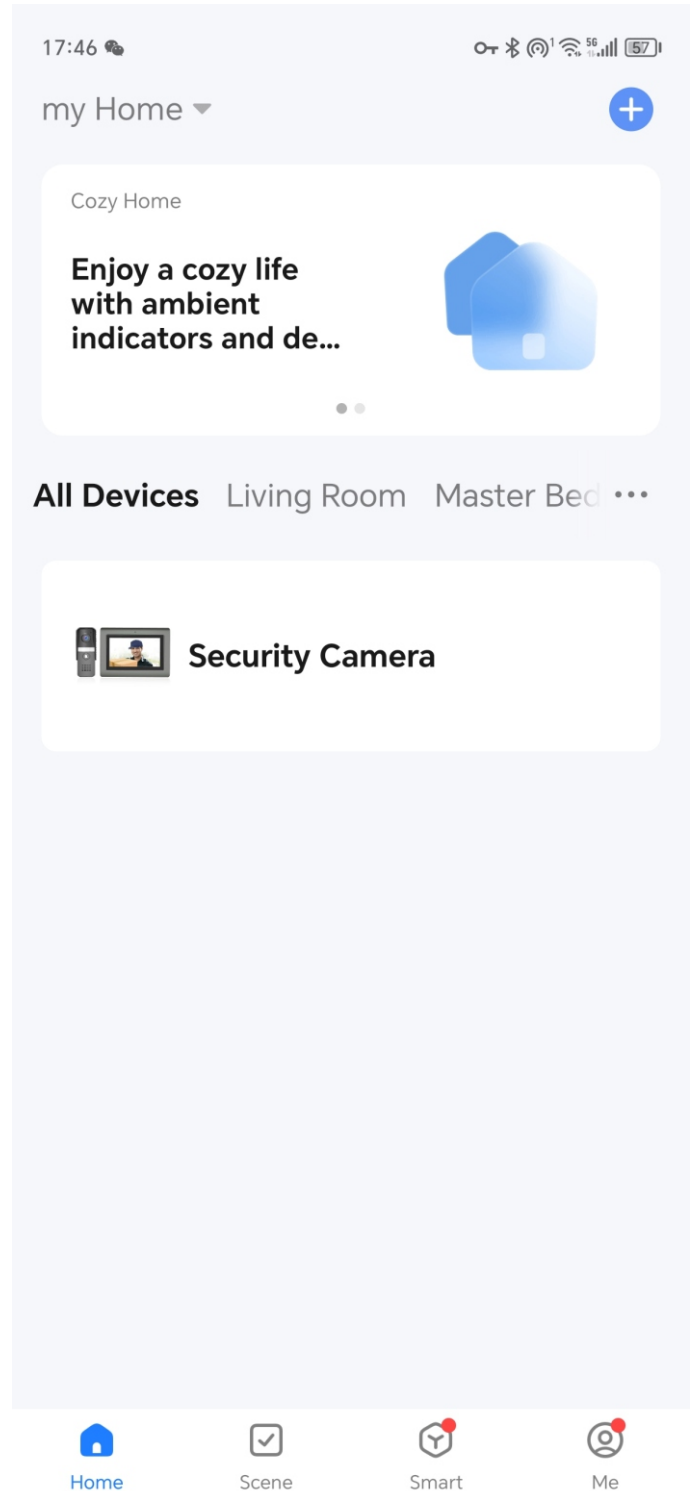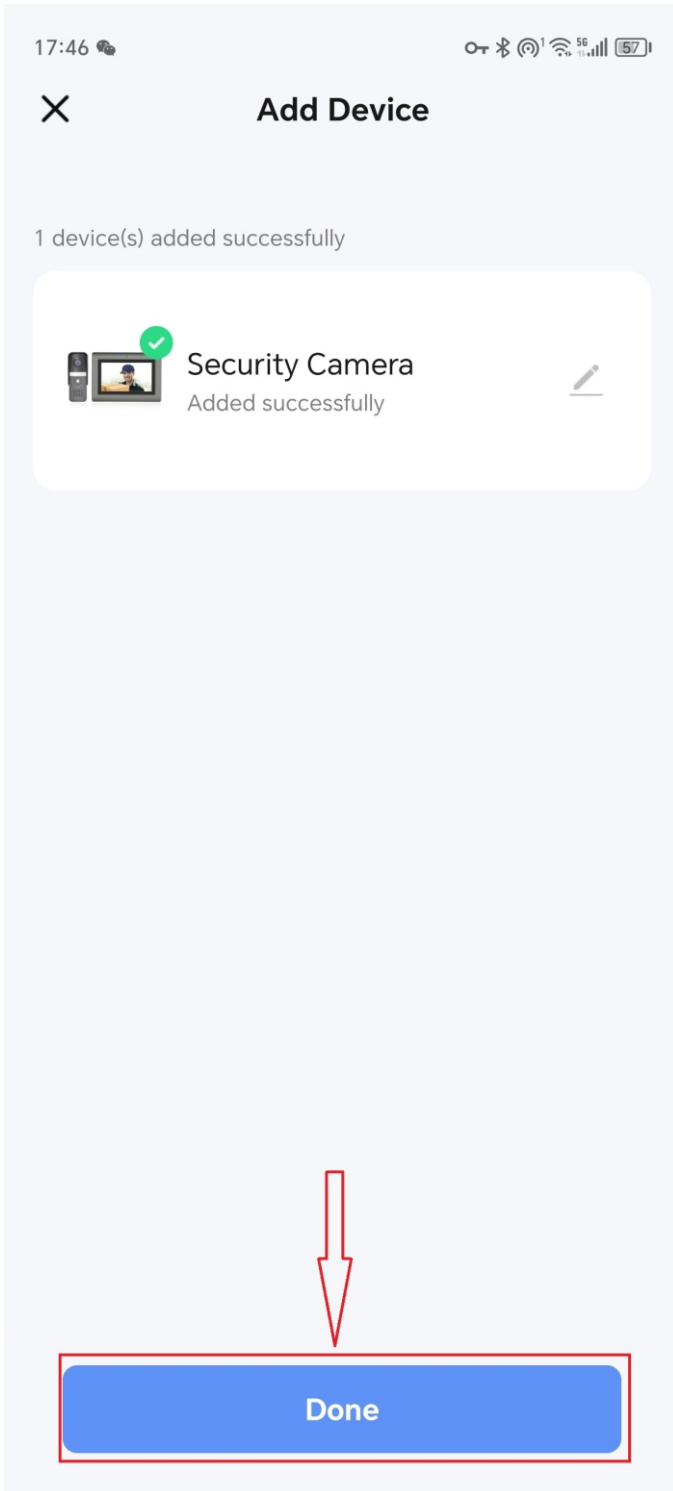
How to Share to Other Users

Method 1

Log into your Tuya account on other family members' phones. A single account supports up to 200 mobile devices logged in simultaneously.

Method 2

Alternatively, add their accounts through your app (up to 20 members).

Step 1

Go to "Me" > "Home Management."
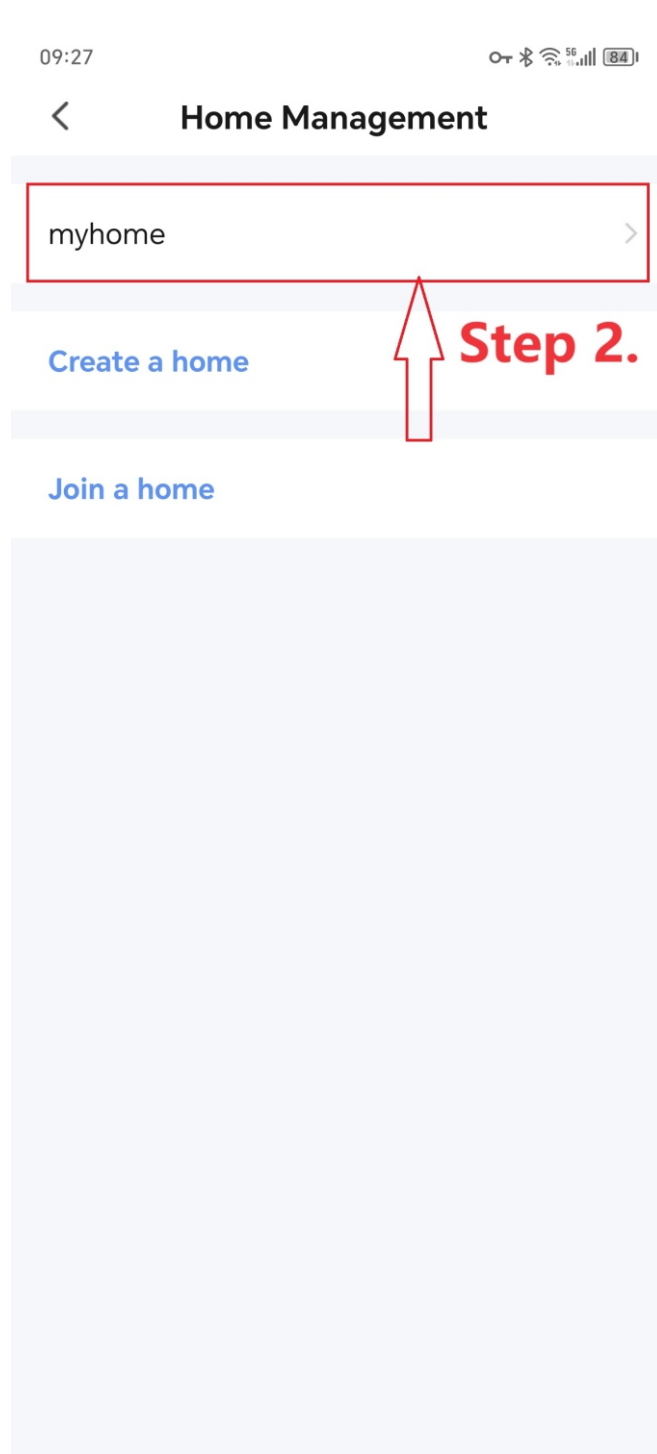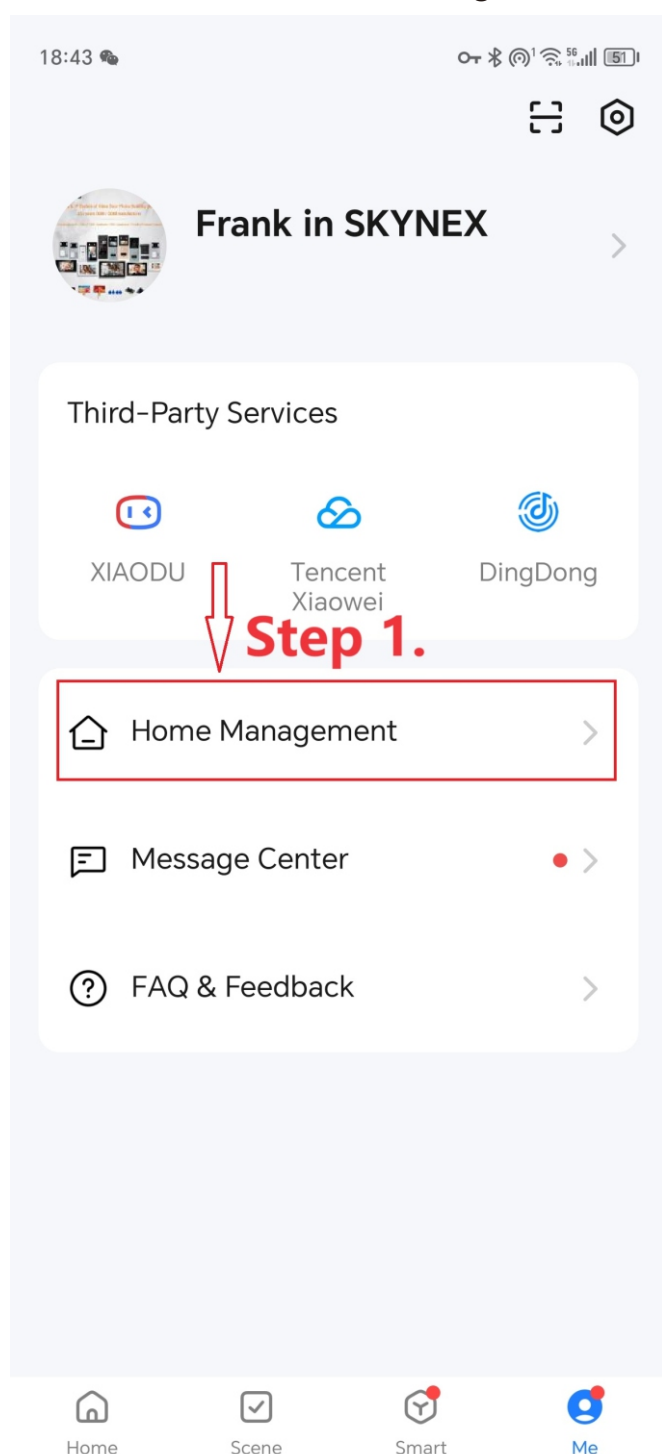
Step 2

You need to "Complete Home Information" if you haven't used Tuya or Smart Life before. Name the family group something like "My Home." Then, in "Home Settings," add family members.

Left screen:

17:34:35

Cancel **Complete Home Information** Save

Home Name * Enter   For example: myhome

Step 3

Location Set

Rooms:

Living Room ✓

Master Bedroom ✓

Second Bedroom ✓

Dining Room ✓

Kitchen ✓

Study Room ✓

Add Room

Right screen:

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_svvRRwu0f...   Home Owner >

Add Member

Step 4.

Delete Home

Step 3

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

Left screen — Add Member

09:25

Cancel · **Add Member** · **Save**

Remenber to 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 > |

Right screen — Home Settings

09:24

< **Home Settings**

Home Name	myhome >
Room Management	6 Room(s) >
Location	To Be Set >
Manage Permissions	>

Home Member

Frank in SKYNEX	Home Owner >
wx-o9u_svvRRwu0f...	
Juan	Common Member >
Waiting to join...	

Add Member

Delete Home

Features

1. 7" color capacitive full-touch screen indoor monitor with Tuya/Smart Life app support.
2. 110° wide-angle view, night vision, IP65 waterproof call panel.
3. Video call, talk, intercom, room-to-room call, and unlock functions.
4. Unlock via indoor monitor, Tuya remote control, IC/ID/NFC cards, electric lock connection, and key access.
5. Supports IP camera connection via ONVIF protocol.
6. Monitoring with photo or video snapshots when visitors call.
7. Photo and video records, supports up to 128GB Micro SD memory card.
8. Supports cascading with up to 4 indoor monitors and 2 call panels, or adding a POE switch.
9. Resident name display on PVC board.
10. Supports unlocking of 2 doors.

7 Inch Full Touchscreen
IP Indoor Monitor Interface Display

7 inch TFT LCD

Monitor

Call records

Settings

Call room

Second door

Volume

Function

1.Home Page

(1)Settings: Tap this icon to access the settings page.

(2)Monitoring: Tap to view the live feed from the outdoor station or IP cameras.

(3)Room Call: Press to call all other monitors within the same apartment

(4)Call Records: Shows photo or video records of incoming calls or manually taken captures.

(5)Mute: Enable or disable silent mode.

(6)Second Door: Unlock the second door linked to the monitor.

2.Monitoring Page
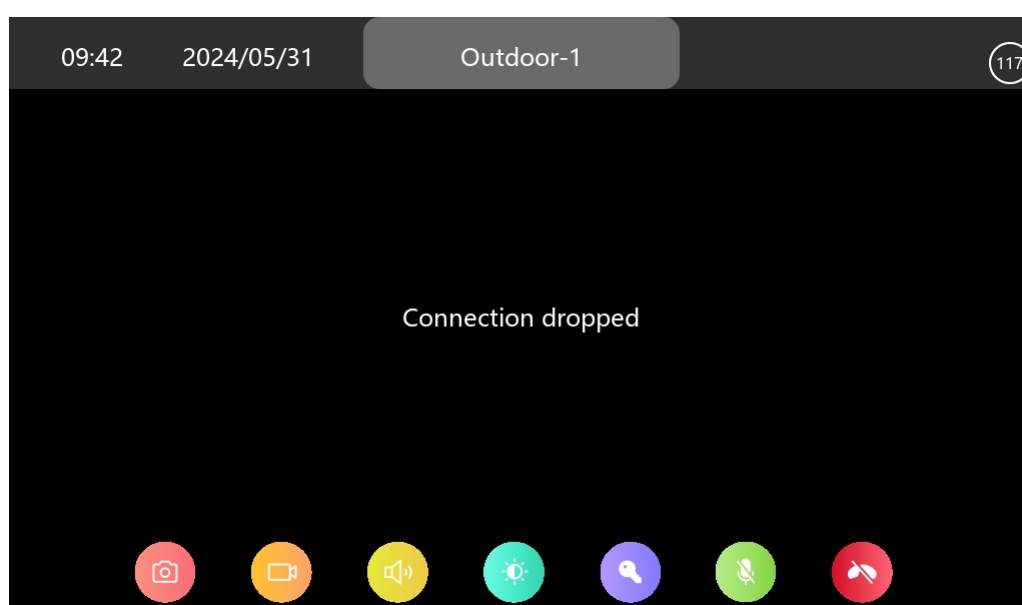
(1)Device: Displays which call panel is calling or being monitored. While monitoring, click to switch to another call panel or IP camera.

(2)Photo: Click to take a photo.

(3)Video: Click to start recording a video, and click again to stop.

(4)Volume: Click to adjust the volume. Drag left or right to decrease or increase the volume.

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

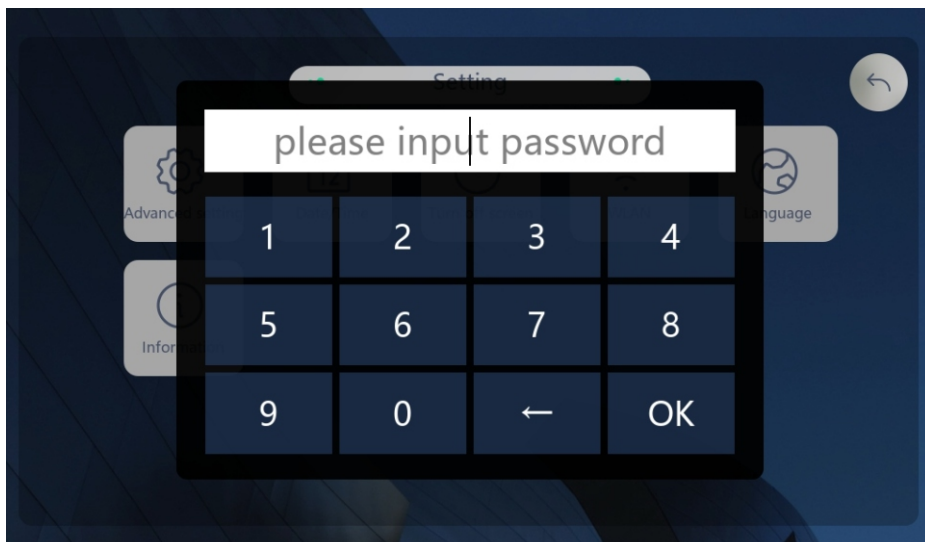(6)View Video. Click the picture to view the recorded video.

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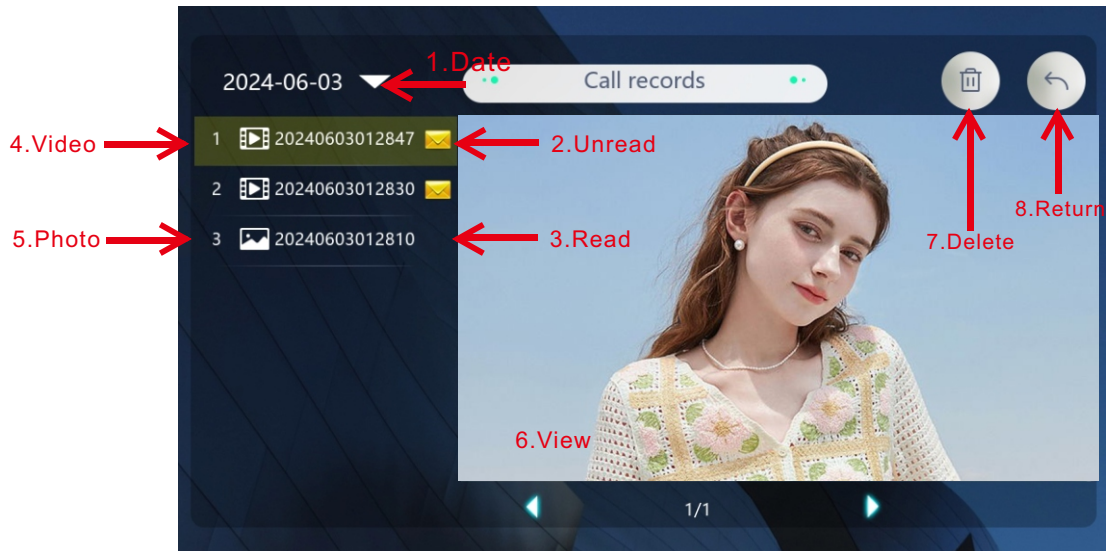
(1)Date.　　　　(2)Unread.　　　(3)Read.

(4)Video.　　　　(5)Photo.

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

(7)Delete .　　　(8)Return.

4.Setting
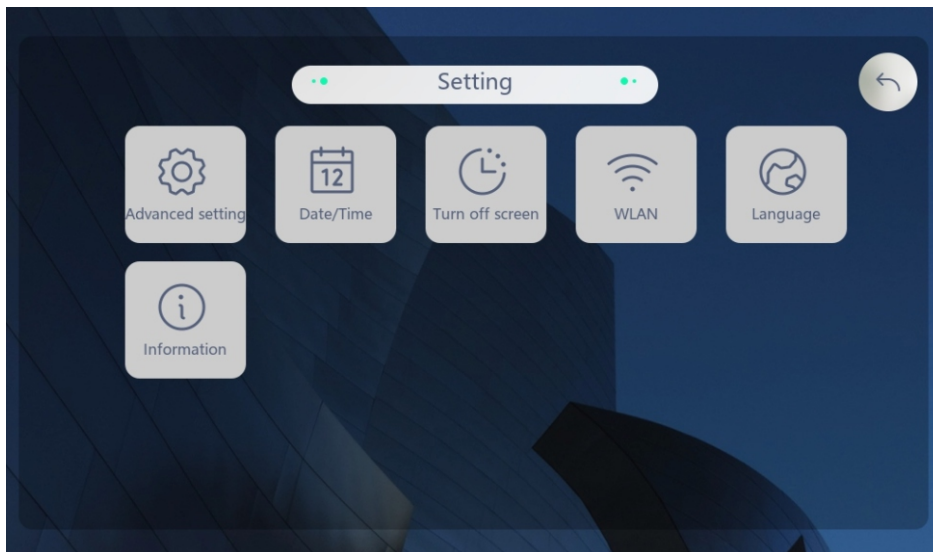
(1) Advanced Setting (Default password: "666666"): Enter the password to access the advanced settings.
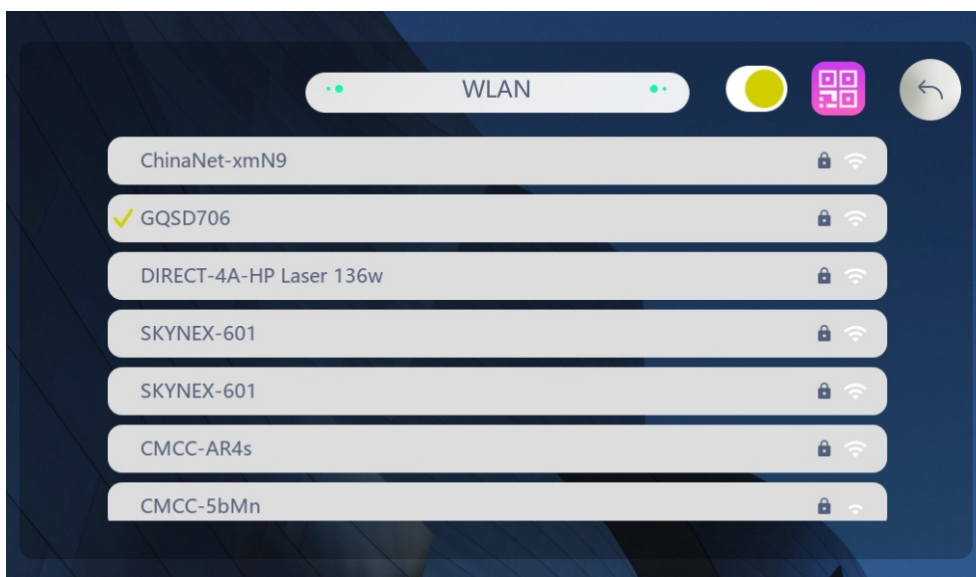
(2) Date/Time: Set the time format, automatically synchronize time, manually adjust the time and date, and configure the time zone.
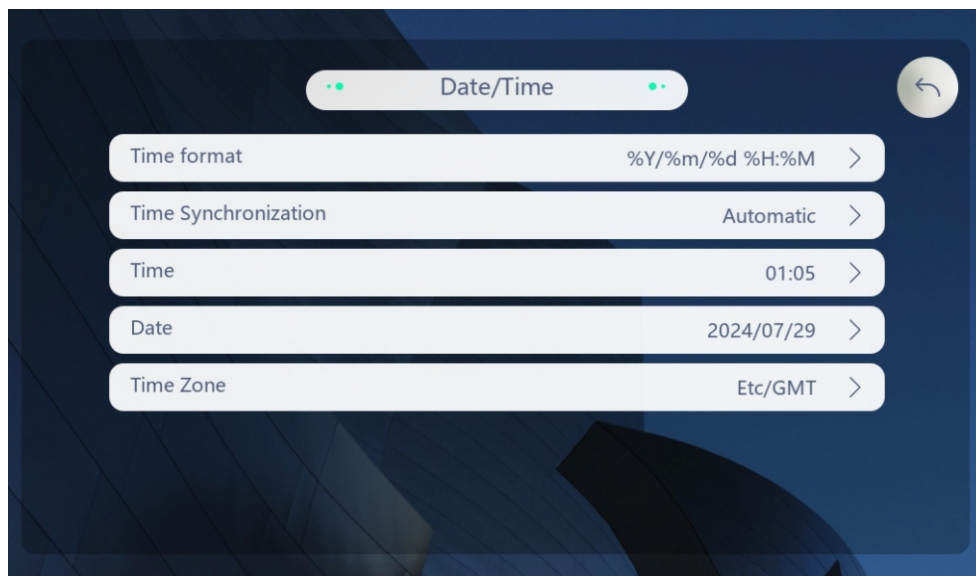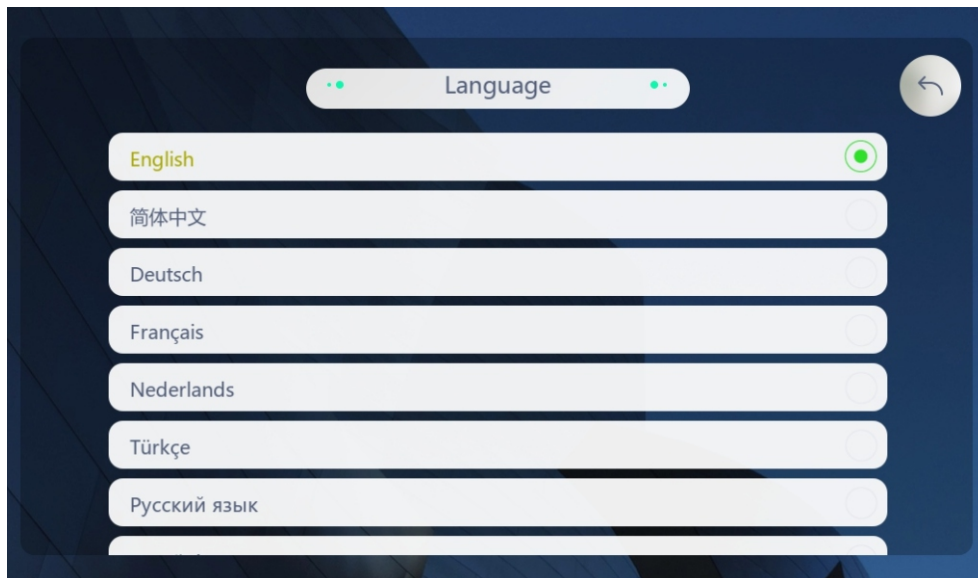

(3) Turn Off Screen: Set the duration before the screen turns off.
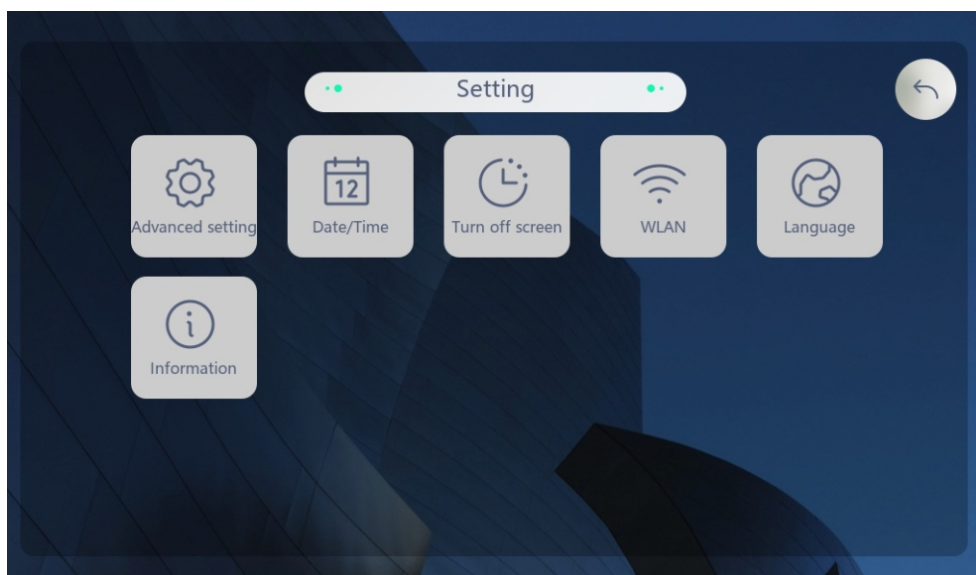
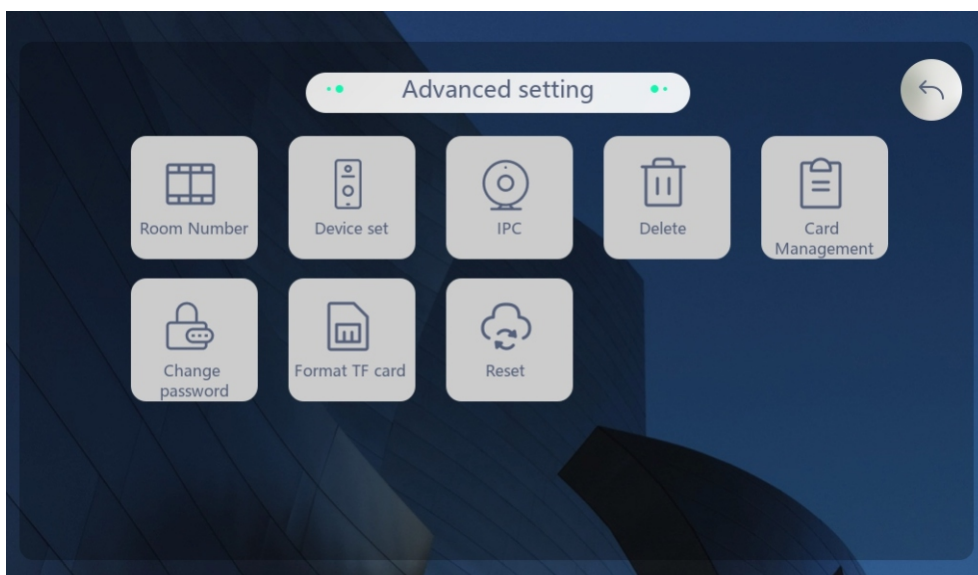(4)WLAN: After connecting to Wi-Fi, a QR code will appear. Click on it and scan with the Tuya app.

(5)Language: Options include English, Chinese, German, French, Dutch, Turkish, Russian, Spanish, Portuguese, and custom.


(6) Information: Displays the room software version, IP address after connecting to Wi-Fi, MAC address, UUID, and TF card capacity.
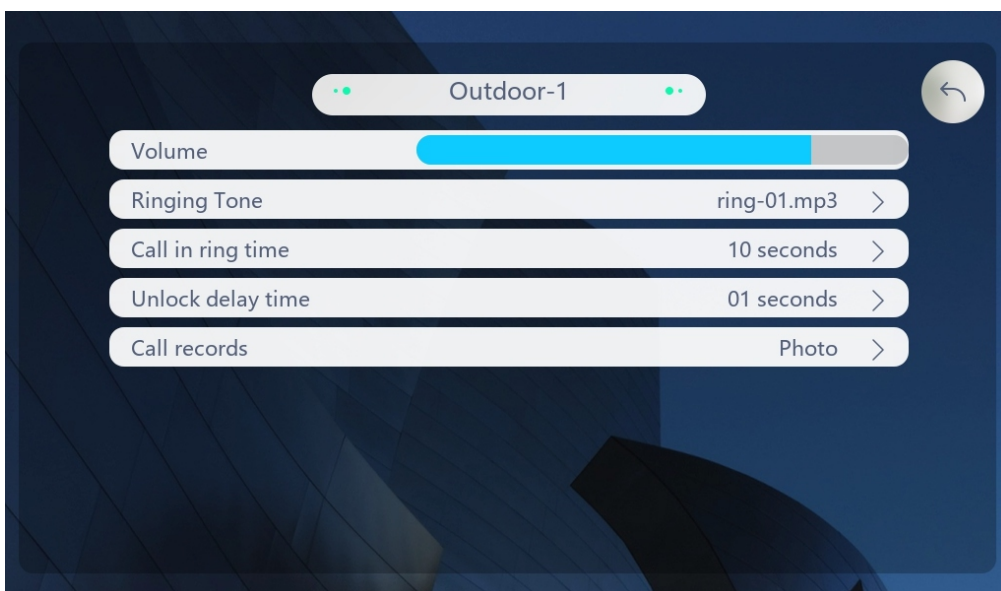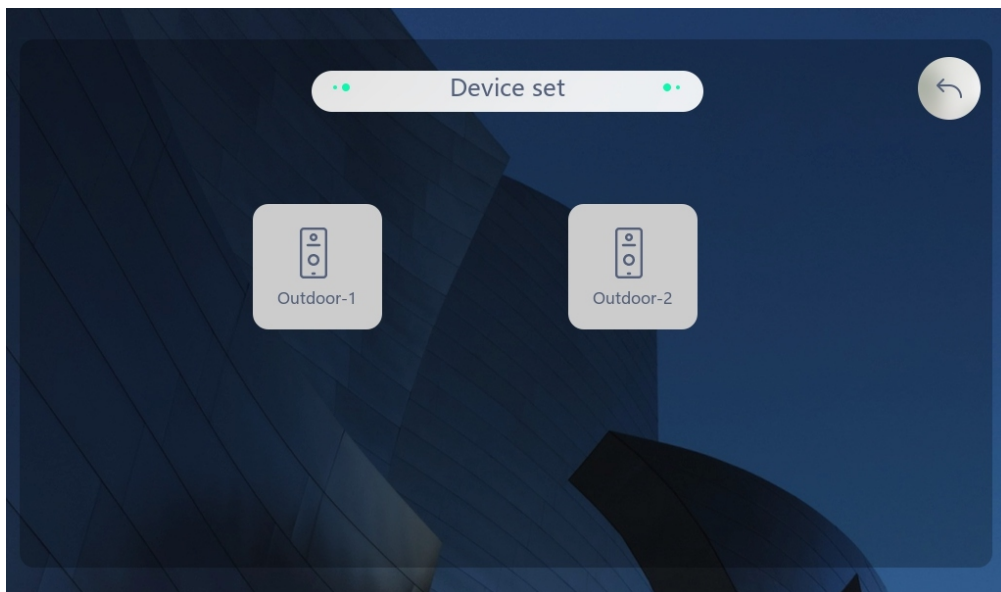

5.Advanced Setting

(1)Room Number. Only the extension number set as Master can connect to Tuya. If there are multiple indoor units, they need to be set with different extension numbers, with a maximum of 4 indoor units. If used with P902, the room number must be set to 02 or 04.

Room Number

Room Number: 01

Extension Number: Master
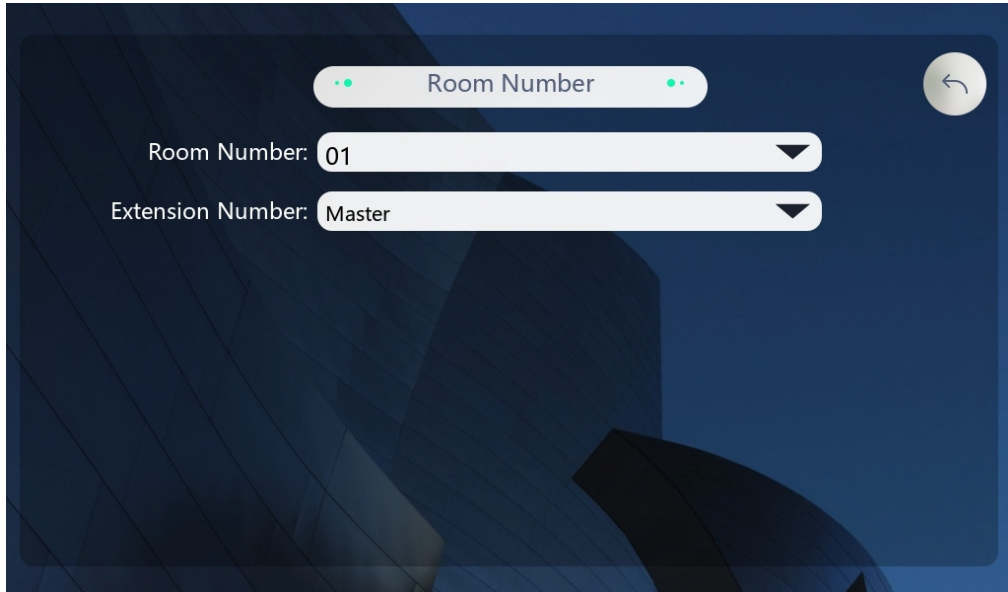
(2) Device Set: Adjust volume, ringtone, ring duration, unlock delay, and select to record as photo or video.

Device set

Outdoor-1

Outdoor-2

Outdoor-1

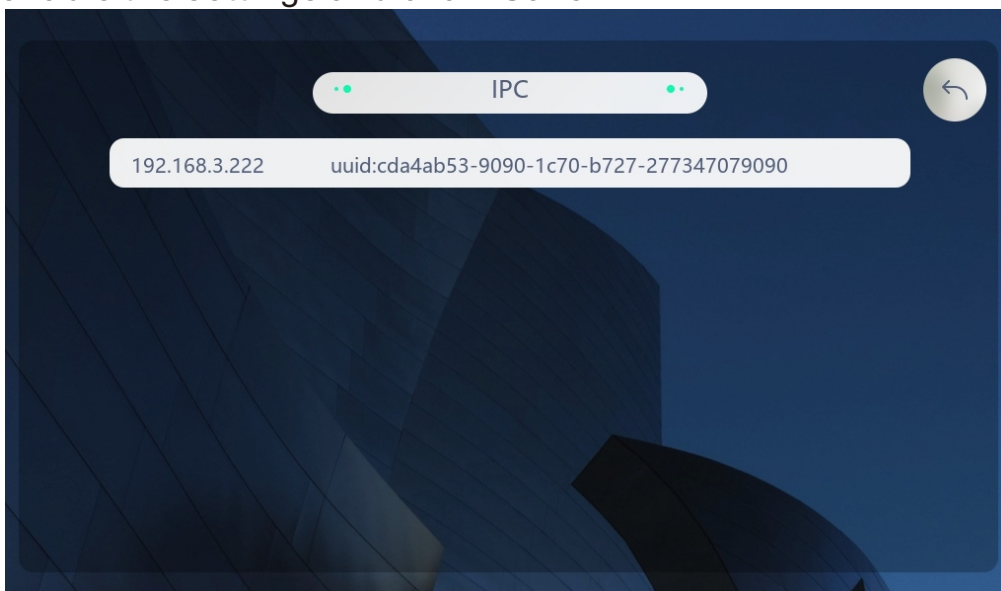| Volume	
Ringing Tone	ring-01.mp3 >
Call in ring time	10 seconds >
Unlock delay time	01 seconds >
Call records	Photo >

(3)IPC

A.In System Settings > Security Management > System Services, enable the ONVIF service.
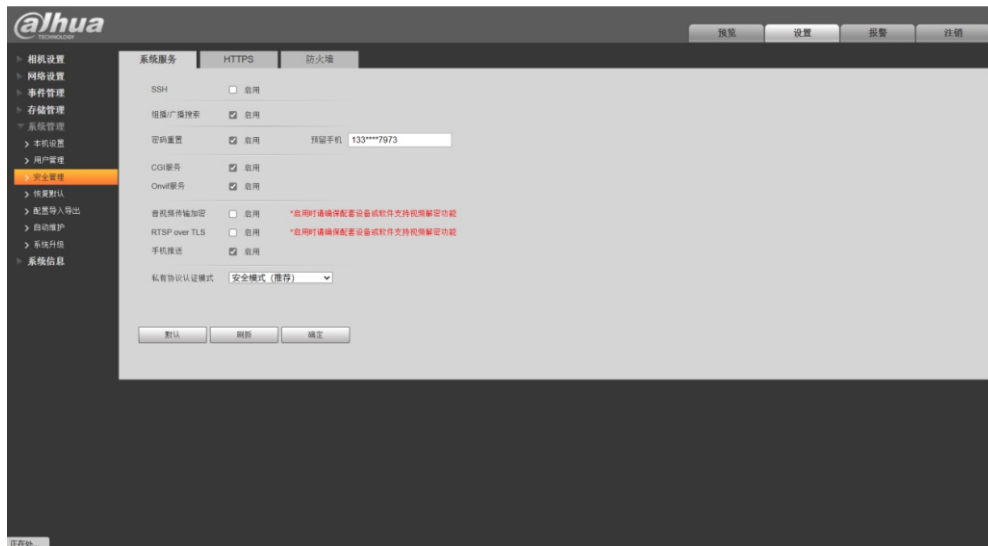
B.In Settings > System Management > User Management > ONVIF User, click "Add User," enter the new username and password (to add a camera to the intercom device), select the user group for the new user, and click OK. (We need this ONVIF username and password.)
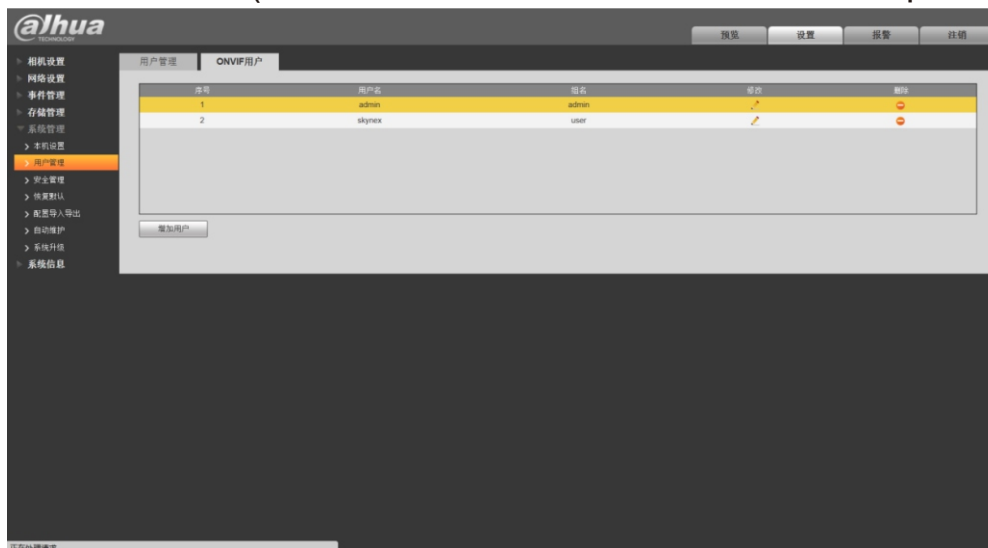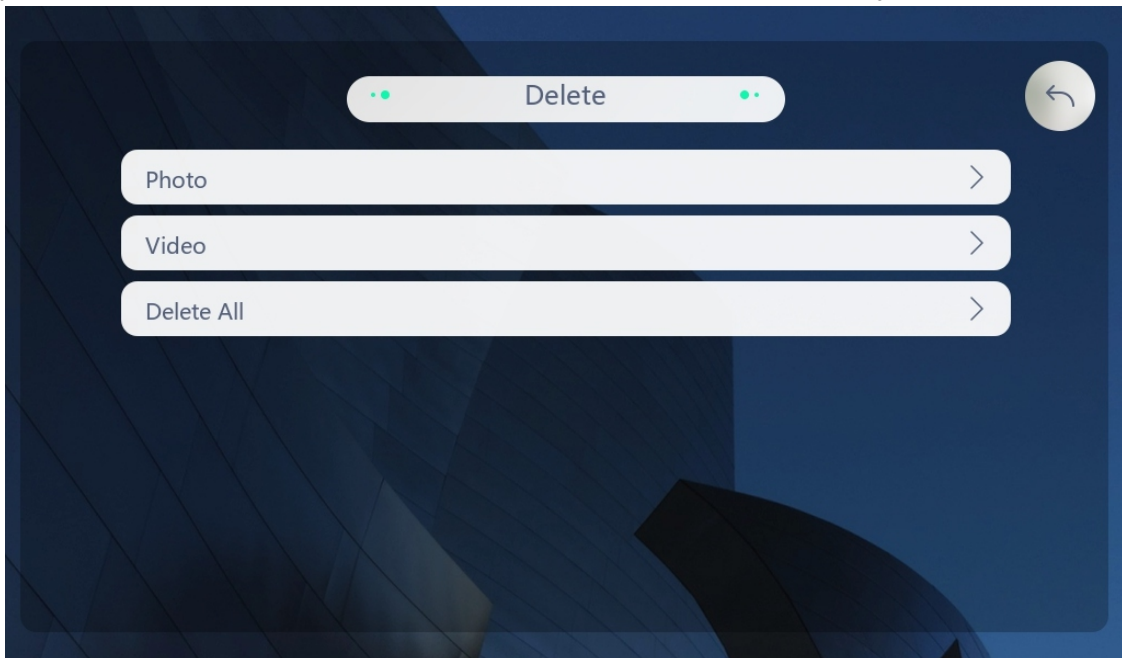

C.In the IPC settings of the indoor monitor, click the IP address of the camera, then input the ONVIF username and password. After that, enable the settings and click "Save."
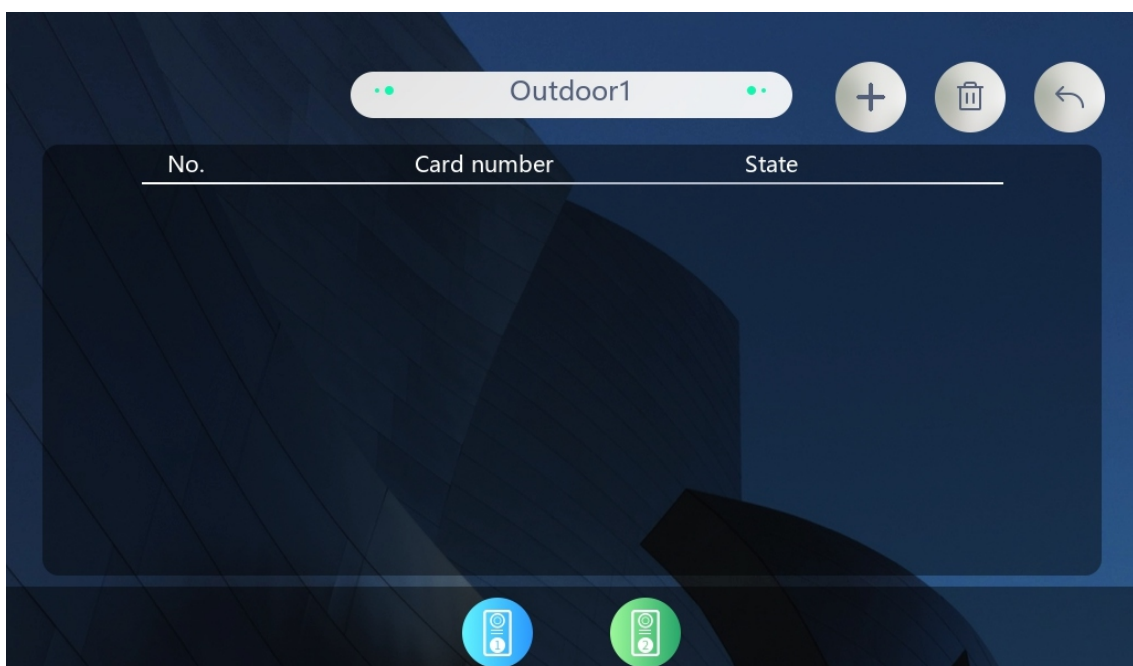
	192.168.3.222	✓ 🗑 ↩
UUID	uuid:cda4ab53-9090-1c70-b727-277347079090	
OnVif url	http://192.168.3.222/onvif/device_service	
Username		>
Password		>
IPC Name	192.168.3.222	>
Enable	Disable	>
Rtsp url		

(4) Delete. Remove all photos or videos simultaneously.

Delete

Photo	>
Video	>
Delete All	>

(5) Card Management. The call panel must support card swiping.

Outdoor1   + 🗑 ↩

No.	Card number	State

(6) Change Password (Default password: 666666). Enter the new password twice to update it.
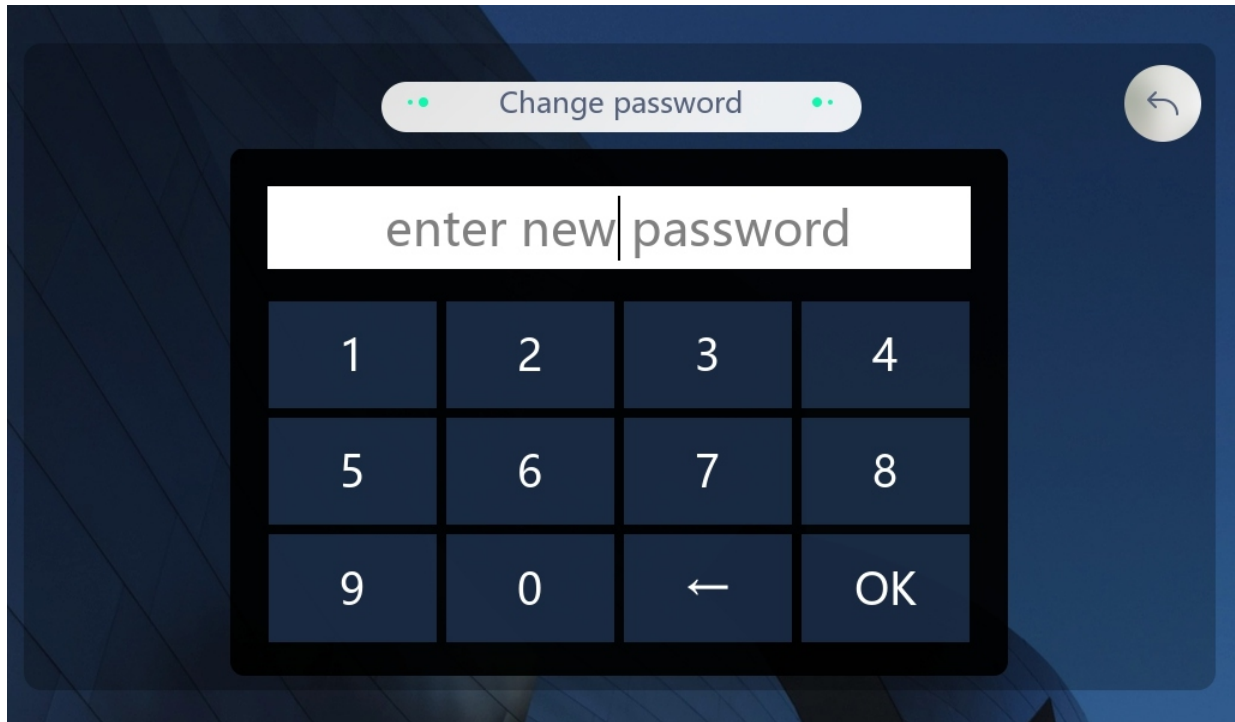
(7) Format. Formatting the TF card will erase all data on the card.

(8) Reset. After confirmation, all settings will be restored to factory defaults. Please be aware!

Specifications

Villa Call Panel (P4)

- Material: Aluminum alloy + glass panel

- Protocol: TCP/IP

- Connection: CAT5/CAT6/2 Wires

- Interface: Rj45

- Power: Non−standard POE switch / powered from the indoor monitor

- Working Temperature: −40°C to +70°C

- Installation: Wall mounted

- Dimensions: 122 x 48 x 20 mm

Villa Call Panel (P901)

- Material: Aluminum alloy + glass panel

- Protocol: TCP/IP

- Connection: CAT5/CAT6/2 Wires

- Interface: Rj45

- Power: Non−standard POE switch / powered from the indoor monitor

- Working Temperature: −40°C to +70°C

- Installation: Wall mounted

- Dimensions: 165 x 90 x 28 mm

Indoor Monitor(M75T)

- Display Screen: 7-inch TFT LCD

- Resolution: 1024 x 600 pixels

- System: Linux operating system

- Network Transmission Mode: TCP/IP protocol

- Connection: CAT5/CAT6/2 Wires

- Color: White + Silver, Black + Grey / Customizable

- Language: Chinese / English / German / French / Dutch

- Material: Plastic + PC

- Power: Non-standard POE switch / Power (12-24V)

- Ethernet Interface: Rj45

- Operating Voltage: DC 12-24V

- Operating Current: ≤500mA

- Operating Temperature: -30℃ to +60℃

- Dimensions: 230 x 145 x 26 mm

- Installation: Wall-mounted

Operations

Video Conference Call

To call the monitor, press the button on the call panel. The monitor will display the image from the call panel. Touch the button on the screen to answer, hang up, or unlock the door.

Monitor

To monitor the call panel, touch the monitor button on the screen. Tap the call panel name to switch between call panels.

Touch the photo button to record manually.

Touch the sound button to adjust the volume.

Touch the unlock button to unlock the door.

Touch the mute button to silence the monitor.

Touch the hang-up button to end monitoring.

Photo

When a visitor calls, it will automatically take a photo or video. A MicroSD memory card is required.

In the homepage, there is an option to view the photo or video.

Setting

Ringtone	Set ringtones for indoor monitor
Record	Shows photo or video records of incoming calls or manually taken captures.
Date&Time	Set date and time
Turn Off Screen	Set screen off time
Delete	Remove all photos or videos simultaneously.
Language	English, Chinese, German, French, Dutch, Turkish, Russian, Spanish, Portuguese, and custom.
Information	Check monitor information.
Reset	Restore factory settings

FAQ

NO	Malfunction	Reason	Solution
1	The call panel can't call the indoor monitor.	1. The indoor monitor has been reset. 2. Poor network cable quality or different standards used.	1. In "Settings" - "Advanced Settings" - "Room Number," set the room number. When used with P4, the room number is 01. When used with P901, the room number is 04. When used with P902, the room number can be 02 or 04. Default password: "666666." 2. Use a T568B standard and high-quality network cable.
2	Before installation, it worked well. After installation, it can't call successfully.	1. Ethernet cable quality. 2. Insufficient power supply voltage.	1. Use a good quality network cable. 2. Use a power adapter with an output of DC 18V-24V if the network cable is over 40 meters long.
3	When a visitor is calling, only one of the monitors is ringing.	1. Room number is the same.	1. For example, if the room number of one monitor is "04" - "Master," the other should be "04" - "Slave-1." If there are more screens, the room numbers should be "04" - "Slave-2" and "04" - "Slave-3."
4	Why can't the lock be opened?	1. The power supply controller is not being used. 2. The wires are connected incorrectly.	1. Use a power supply controller to power and control the lock. 2. Please obtain and check the wiring diagram or video from technical support.
5	Why can't the indoor monitor connect to the Tuya app?	1. Only the indoor unit with the extension number "Master" can connect to the app. 2. The Internet connection may be unstable.	1. Set the extension number to "Master," then restart the indoor unit's Wi-Fi. 2. Try again when the Internet is stable.