TUYA SMART INTERCOM
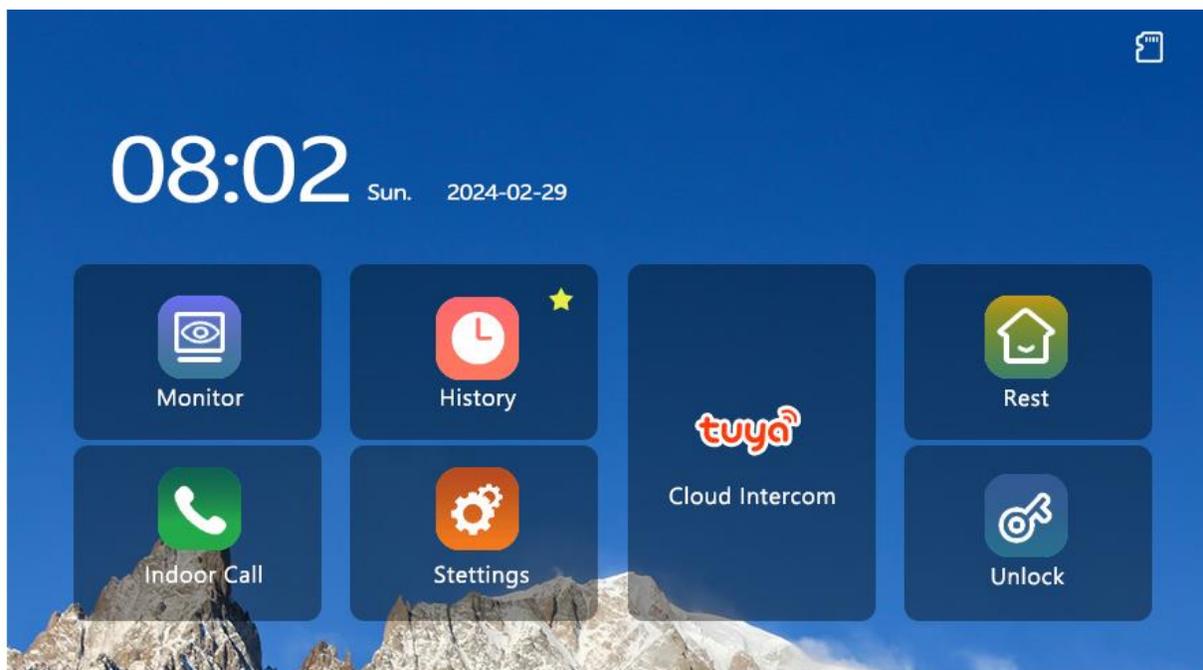
4 WIRE WIFI VIDEO DOOR PHONE
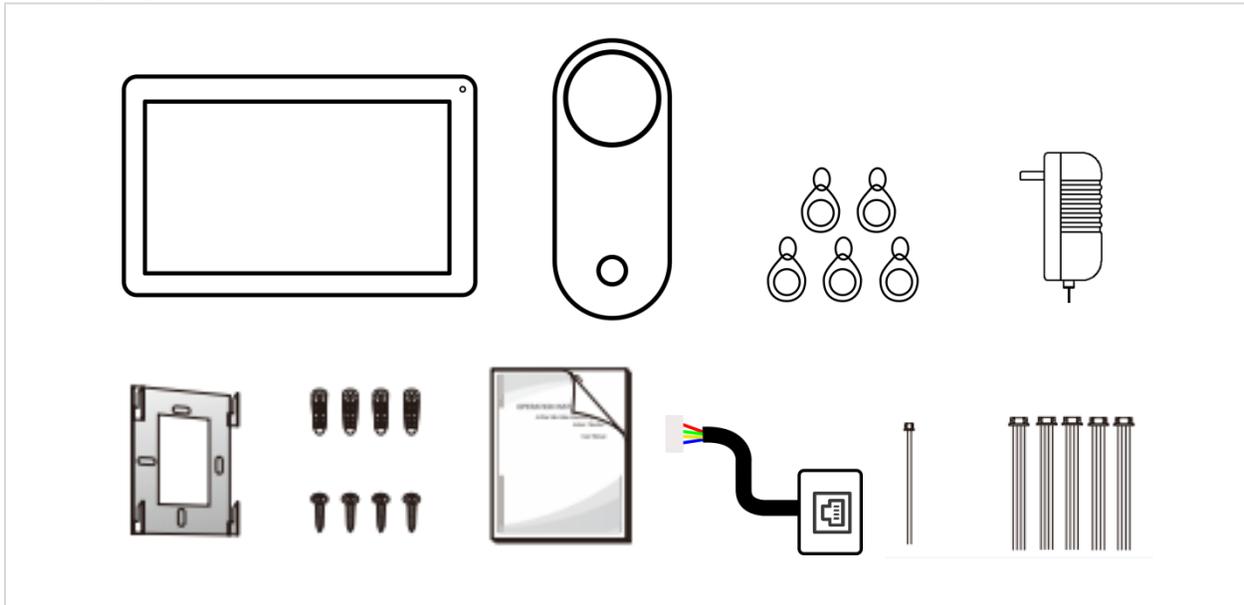
- Camera with WDR

- Distortion Correction

- IPS Touch Screen

- Night Vision

- Smart Phone APP Compatible

- PIR Motion Detection

- Video & Photo Recording

- Wire and WiFi Connection

- Security Camera Supported

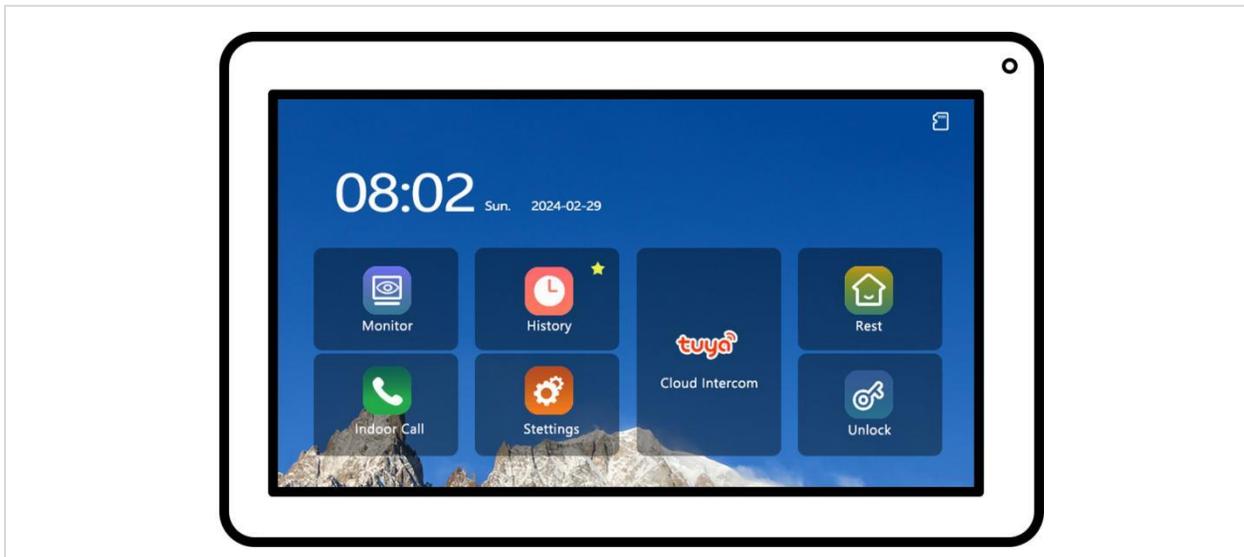- POE (24V) & Router Compatible
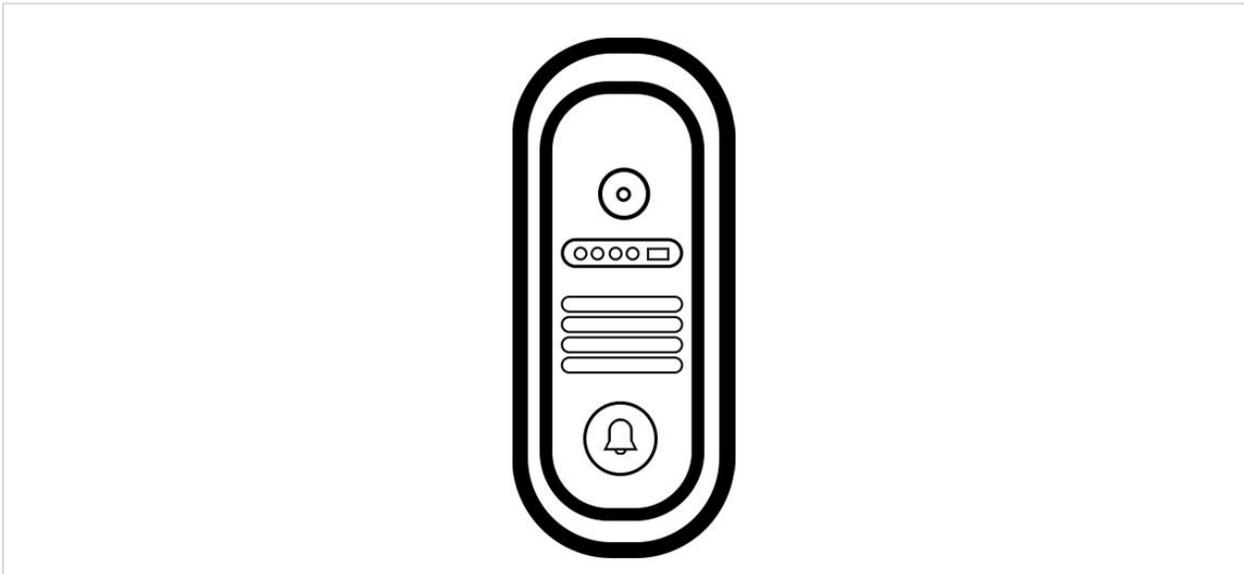
PROOPERATION INSTRUCTIONS

Packaging List

Product Structure

Indoor Monitor

No.	Description
1	IPS Screen
2	Microphone
3	Speaker

Outdoor Door Station

No.	Description
1	Microphone
2	Camera
3	IR LED
4	Swiping Card Area
5	Call Button
6	Speaker

Specification

Indoor Monitor

- 7 inch，1024*600 IPS touch screen
- video decoding：H.264
- 2.4G Wi-Fi
- 3*4Wire(SPoE, with power)+2*4Wire(Link, without power)
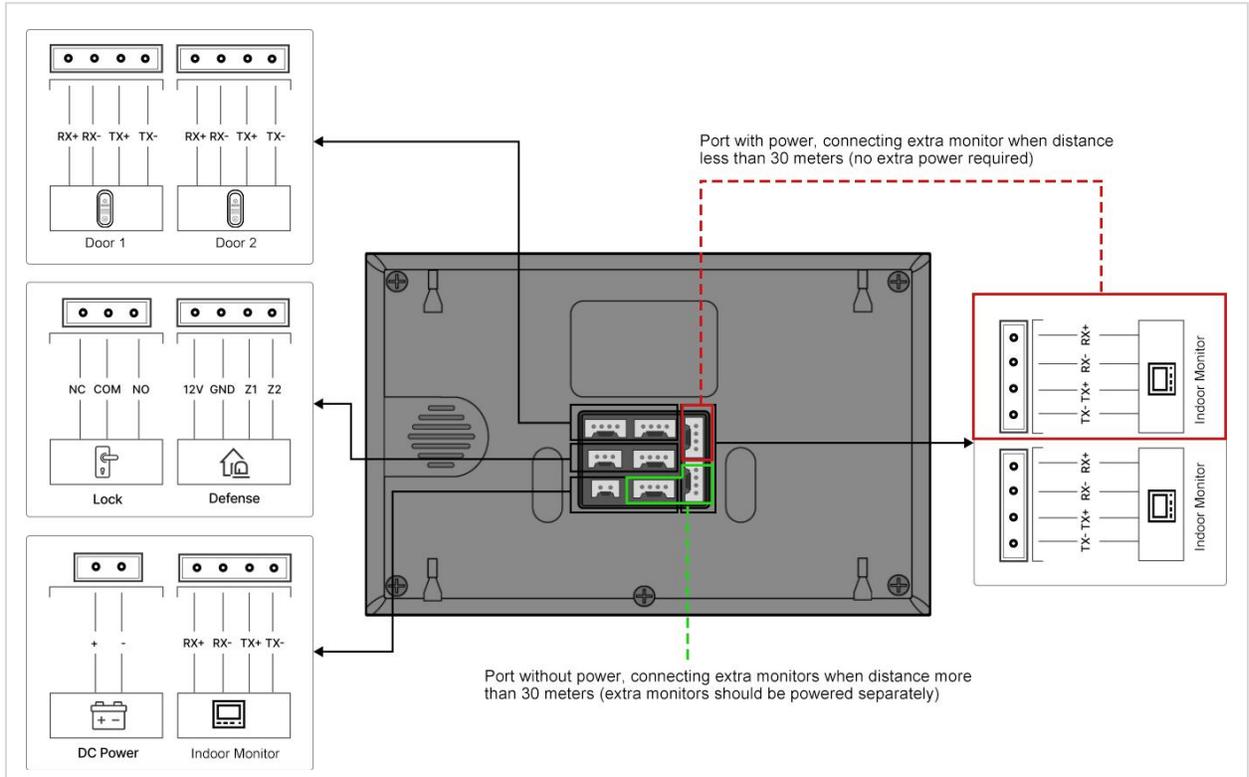- 1* Relay
- 2* Defense area（Optional）

- Power consumption：standby≤1.5W，working≤4W

- Working temperature：-10~55℃

- Video Intercom 2-way audio，with cloud function

- Wire connection and WiFi connection，Support security cameras

- Video and photo recording，built-in storage for 100 photos, support micro SD card for saving photos and videos (loop recording 15S).
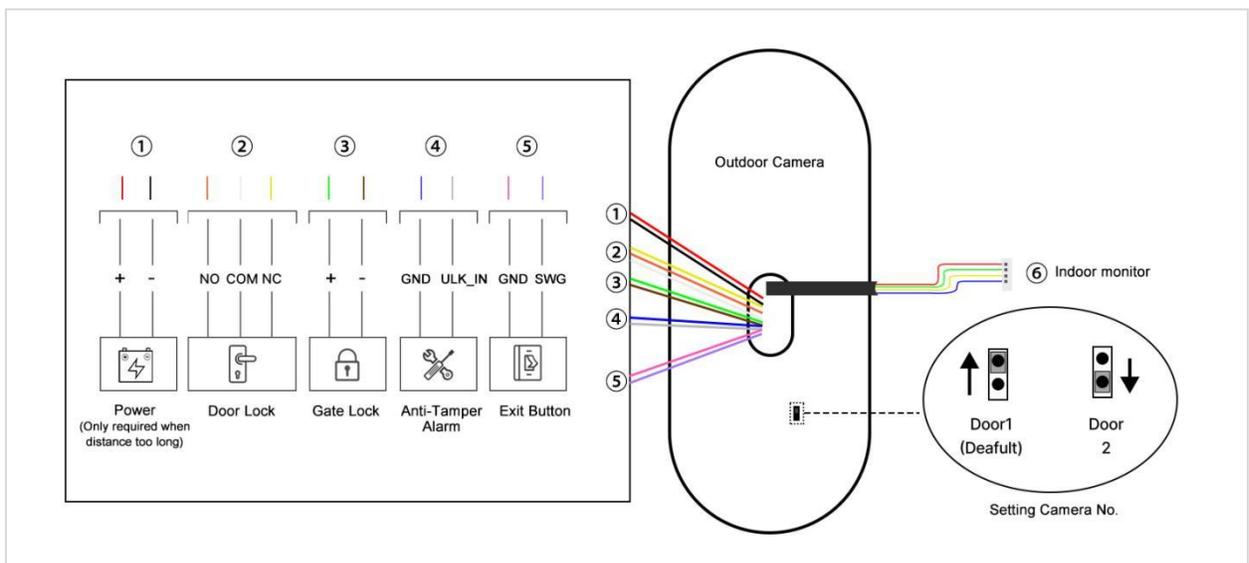

Outdoor Door Station

- 2.0 MP CMOS Camera

- Night Vision

- Video Decoding：H.264 720P/1080P（depending on monitor resolution）

- Support 2 Relays to unlock 2 locks

- Anti-tamper alarm

- Power consumption：standby≤2.5W，working≤5.5W

- Working temperature：-40~70℃

- WDR Effect: The camera compensates for images where there are dark and bright areas. A sharp and balanced image will be obtained even towards to Light directly.

- Distortion correction: Equipped with a distortion correction camera to avoid video stretching and bending and improve video visual effects.

- PIR human detection: automatically detects and recognizes humanoids, and combines multi-partition combination setting functions to improve the recognition effect.

- Visitor message-leaving function (voice message recording for both user and visitors)
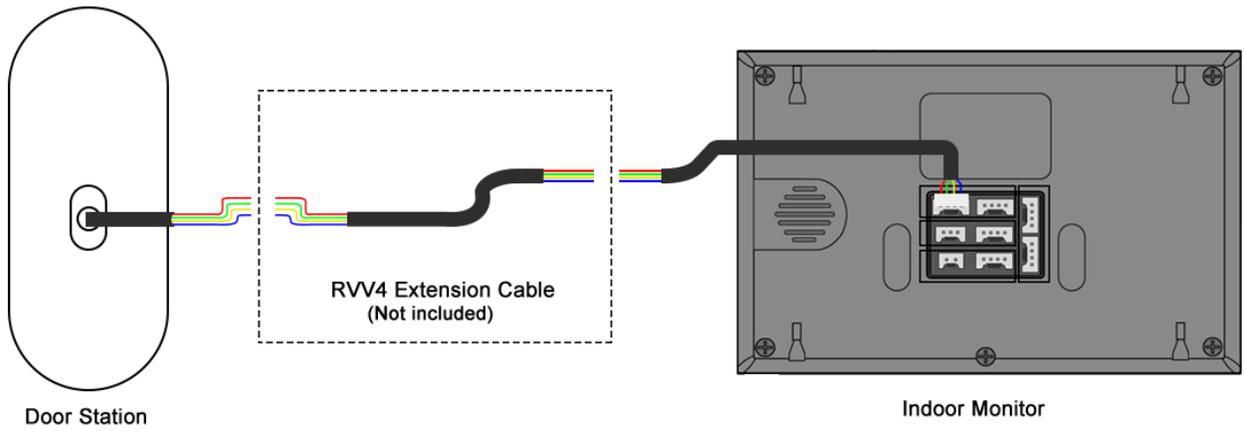
Wiring Diagram

Indoor Monitor

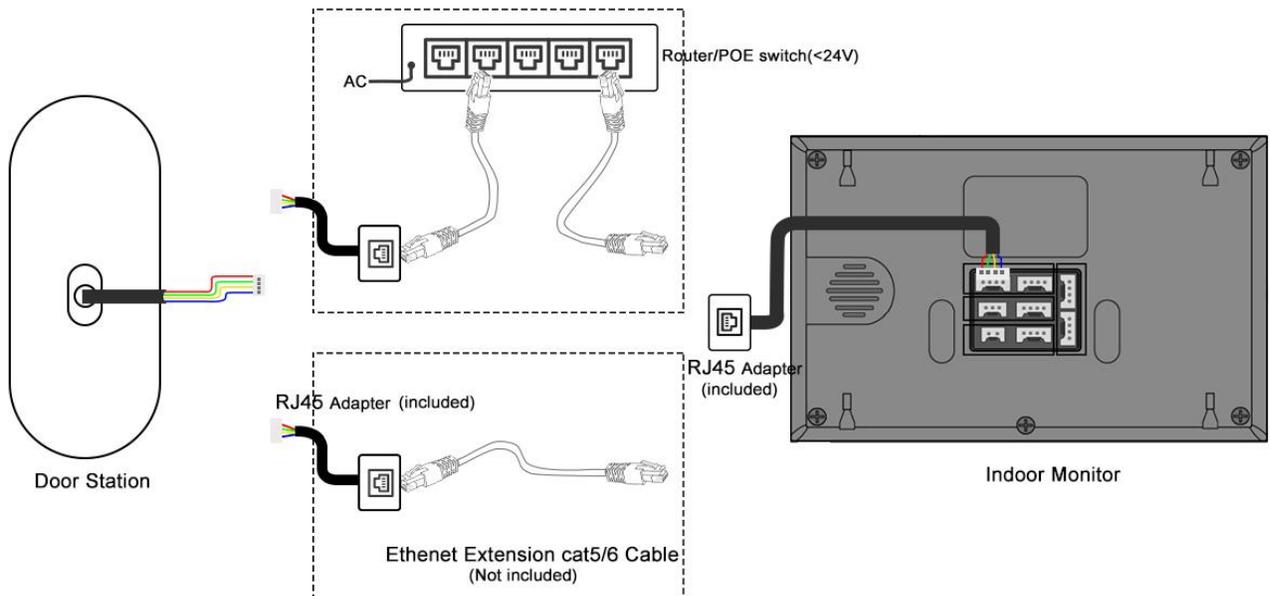Port with power, connecting extra monitor when distance less than 30 meters (no extra power required)

Port without power, connecting extra monitors when distance more than 30 meters (extra monitors should be powered separately)

Outdoor Door station

Wiring of Door Station to Indoor Monitor

①

RVV4 Extension Cable
(Not included)

Door Station

Indoor Monitor

②

Router/POE switch(<24V)

AC

RJ45 Adapter
(included)

Door Station

RJ45 Adapter (included)
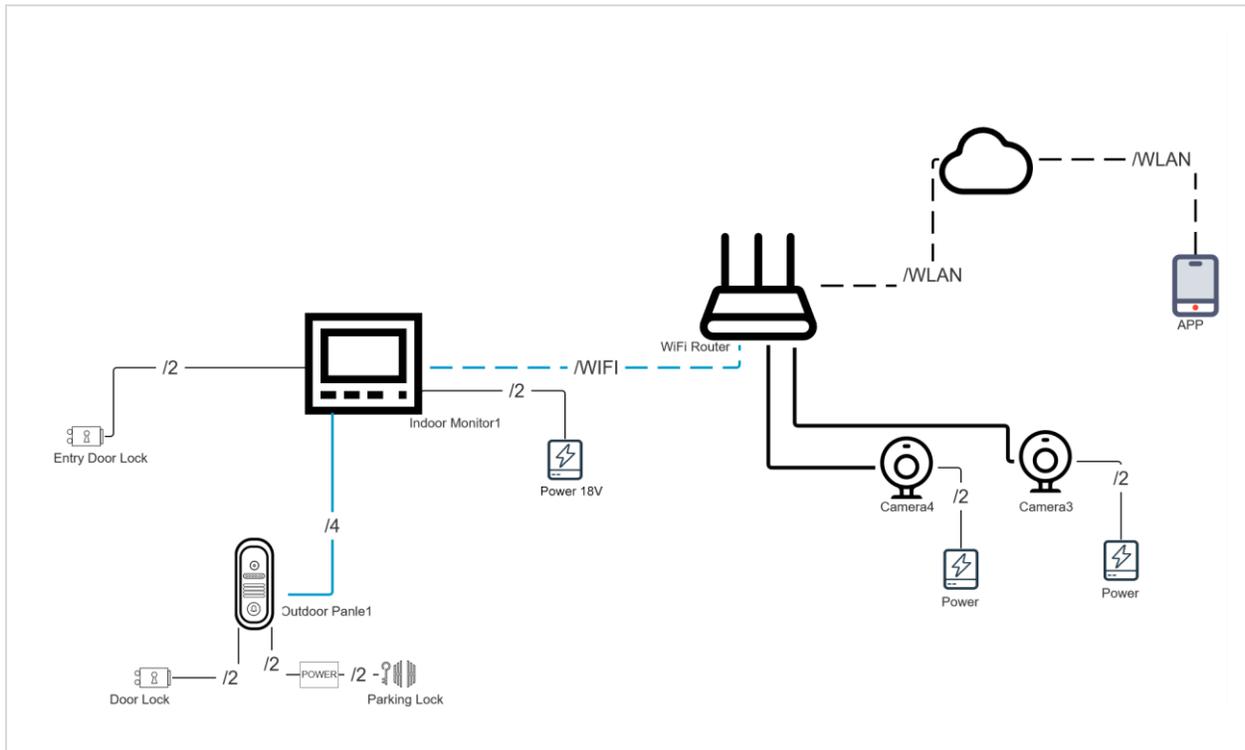
Ethenet Extension cat5/6 Cable
(Not included)

Indoor Monitor

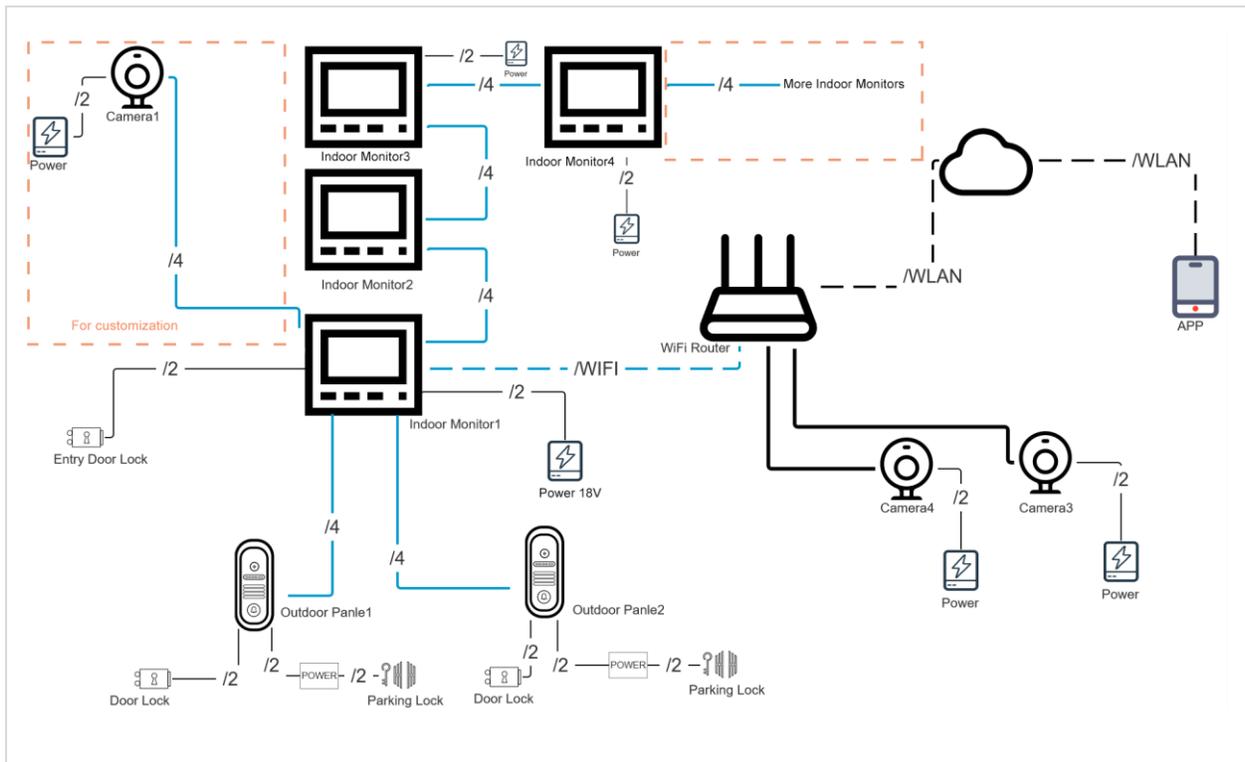# System Topology Diagram

① 1 Outdoor Camera with 1 Indoor Monitor

② 2 Outdoor Cameras with More Indoor Monitors

Outdoor Door Station Instructions

Call

1. Press the call button.

2. While answering and communicating，it can unlock the door by press the unlock button through the indoor monitor.

Monitoring and Intercom

While monitoring on the indoor monitor, press the intercom button , you can talk to the visitors in front of the door station.
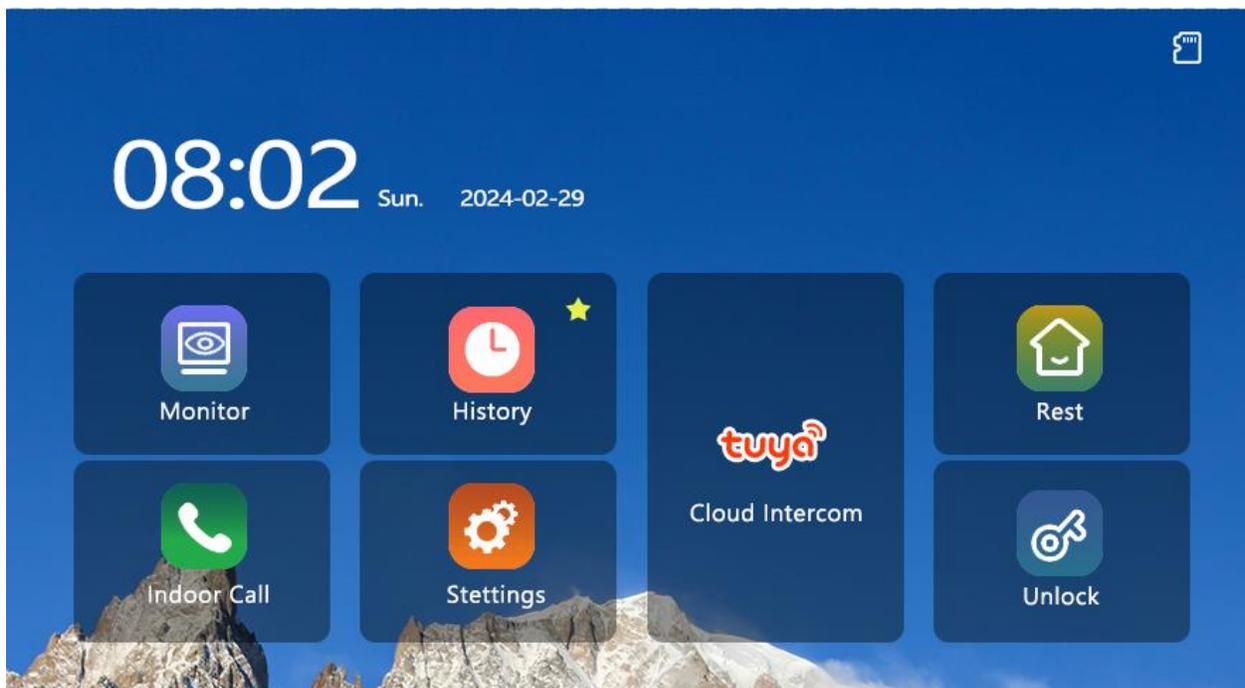
Unlock by RFIC Cards

Registered/Added cards→Swiping the cards in the swiping area on the door station→Door station Sensor recognizes and verifies the cards→Unlock the door after "DI" sound.

Indoor Monitor Instructions

USER INTERFACE

Home page UI men: Monitor, Indoor Call, Record/History, Settings, Tuya Could, Indoor Mode, Unlock.
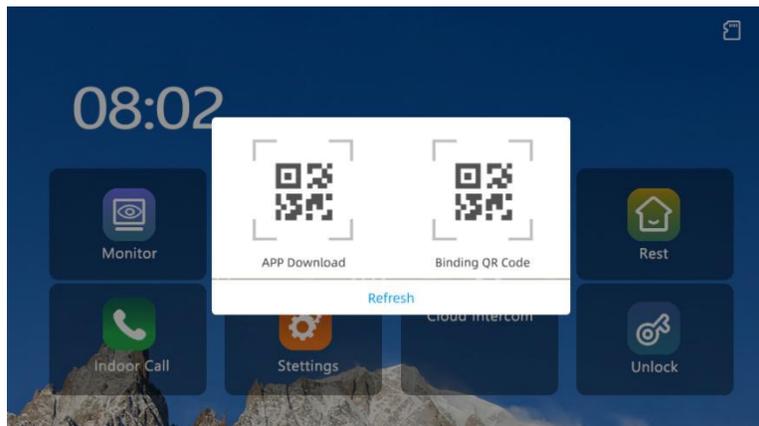
If not operated in 30 seconds, the indoor unit will automatically enter standby mode.

Switch the indoor unit mode. The indoor unit can be set to away from home mode

( ) 、at home mode ( ) and rest mode ( ) .

The indoor unit status indicator: WiFi connection status ( ) 、TF card status

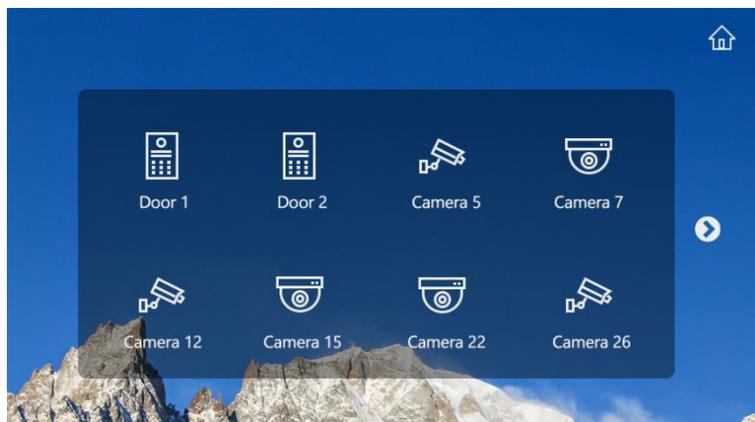( ) and internet signal status (/) .

Touch【 tuya 】, there will be the APP QR code for scanning to connect to the APP.

Touch【 】, it will unlock the door with lock connected to the indoor monitor.

Monitor
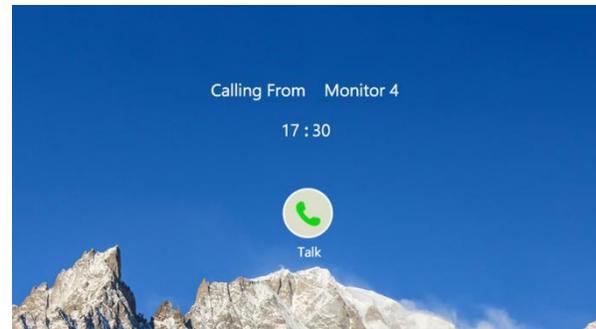
Touch【 】, there is the camera list.

Select one door camera, touch【 】to monitor the door station.

Touch 【📷】 and 【📹】 to monitor private area and public area with security cameras.

Indoor Call

Touch 【📞】, and then 【🖥】 to call each of the other indoor monitors one by one or 【🖥】 to call all of the other indoor monitors simultaneously.

(Record) History

You can view the answered records 【📞】, not answered records 【📞】, PIR motion detection records 【👤】, visitor message records 【💬】 and door station removal alarm records 【🔧】.
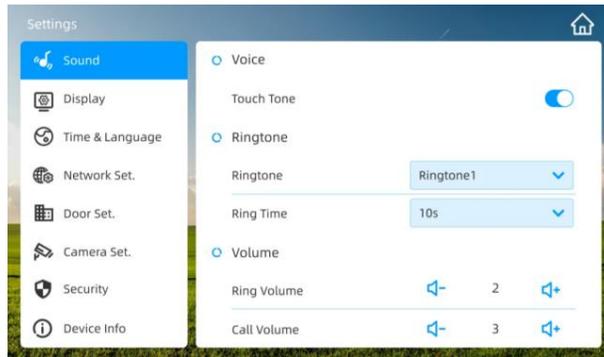
Check the specified record to view the recorded snapshot files or video files; Touch 【🗑】 and 【YES】 to delete the specified record file.
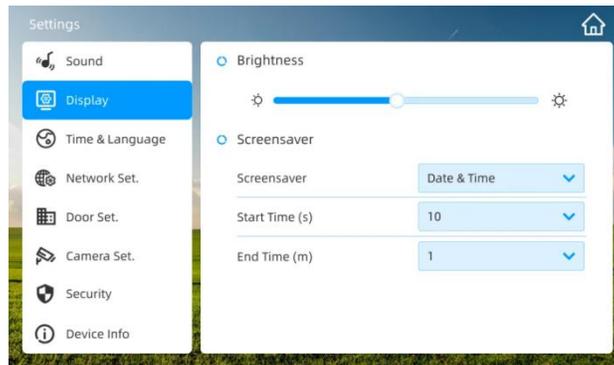
Settings-Sound

Touch 【 ⚙ 】 to enter the system setting interface.

Touch 【 ♪ 】 to enter the sound settings, where you can set the touch tone, ring tone, ring duration, ring volume, and call volume.
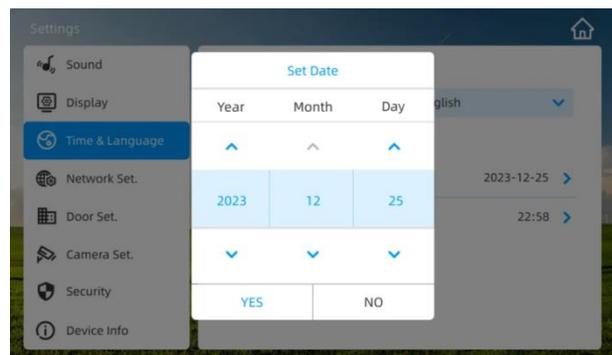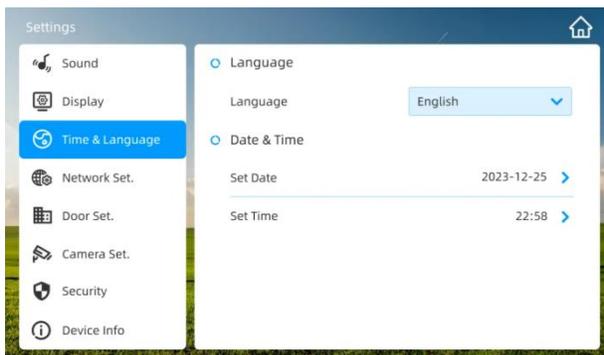

Settings-Display

Set the screen brightness, screen saver display content, screensaver start time and screensaver end time.
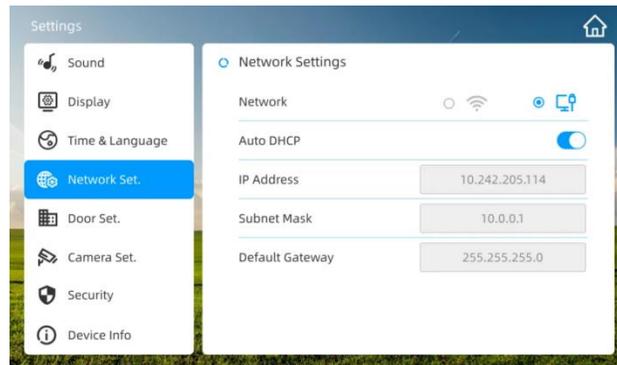

Settings-Time and Language

Set indoor unit language, date and time.

Settings-Network

The indoor unit can be set to local network connection mode and Wi-Fi connection mode(default).
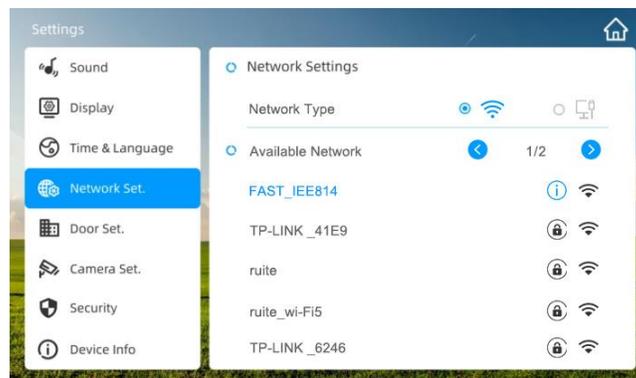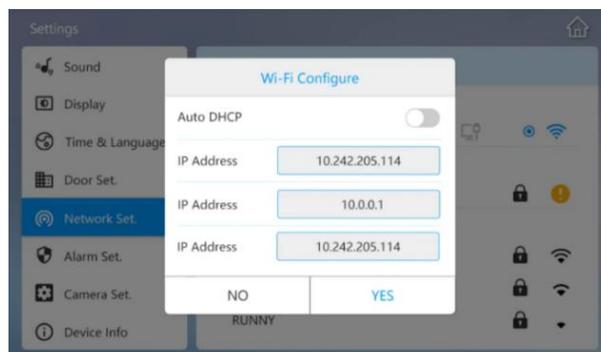

Local network connection

The IP address of Local network can be configured automatically or manually.

Wi-Fi network connection mode

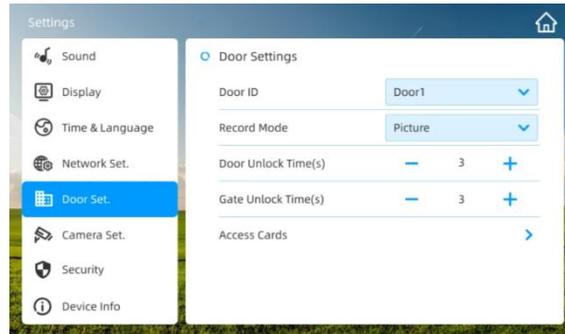Select the specified WiFi in the WiFi list and enter the password to connect.

Touch【 ⓘ 】to configure the IP address.

Select the door station number, set the door station recording mode, door 1 unlocking time, door 2 unlocking time and access card management function.
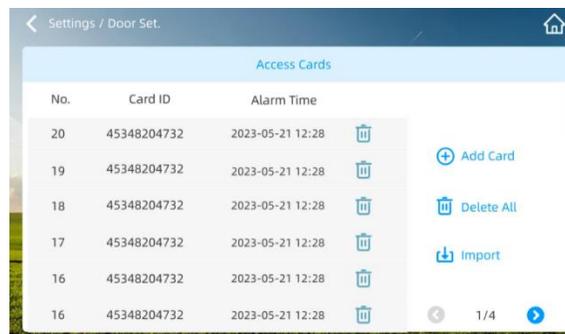

Set the door station recording mode

The automatic recording mode of the door station can be set to: automatic snapshot (default) or automatic video recording.

Set the door phone unlocking time

- The door 1 (Door) unlocking time can be set: 1~250 seconds (default 6s).

- The door unit door 2 (Gate) unlocking time can be set: 1~250 seconds (default 6s).

Access card management

Touch [Access Cards] to enter the access card registration interface.

- Touch 【 ⊕ Add Card 】, Swipe the ID card in the card reading area of the door station to register.

   ✋ *If the door station does not swipe the card within 5 minutes during the card registration , it will automatically exit the card registration state.*
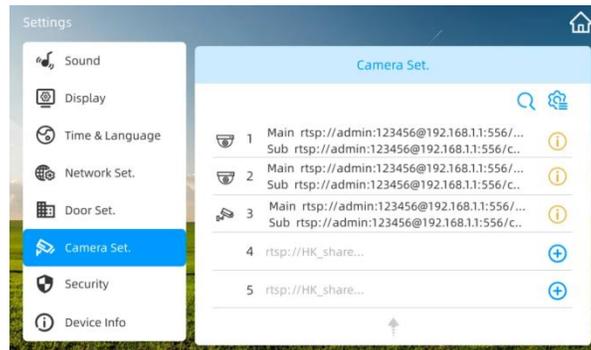
- Touch 【 🗑 】 to delete the specified access card.

- Touch 【 🗑 Delete All 】 to delete all access cards.

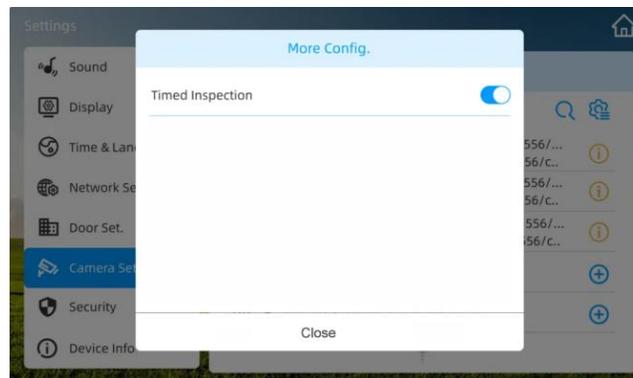- Touch 【 ⬆ Import 】 to import the access control card from the SD card.

Manage indoor unit monitoring equipment, and the upper limit of monitoring equipment is 32 units. In the monitoring list, 【 📷 】 represents private area monitoring equipment, and 【 📹 】 represents public area monitoring equipment.

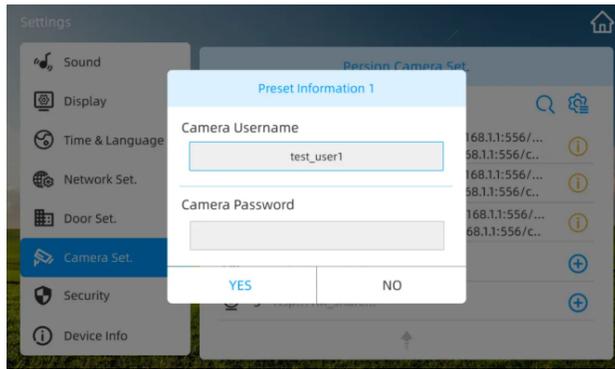Touch 【 🔍 】 to automatically retrieve network monitoring in public areas and add it to the monitoring list.

Door camera configuration

Touch 【 ⚙ 】 to open the door camera configuration interface.
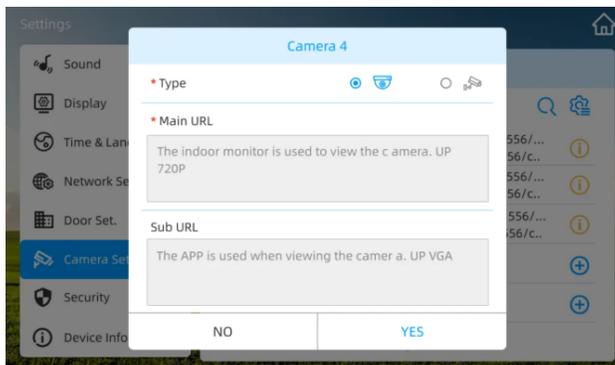

- Touch 【 🔵 】 to enable the device's scheduled monitoring and management configuration function to ensure that it can update itself when the IPC address changes.

- Default information configuration: Touch 【 🔍 】 , all IP cameras under the same LAN will be discovered and displayed in the list. Click on the camera you want to add, enter the user name and password, then confirm to add it successfully. (IP camera must be Onvif protocol).
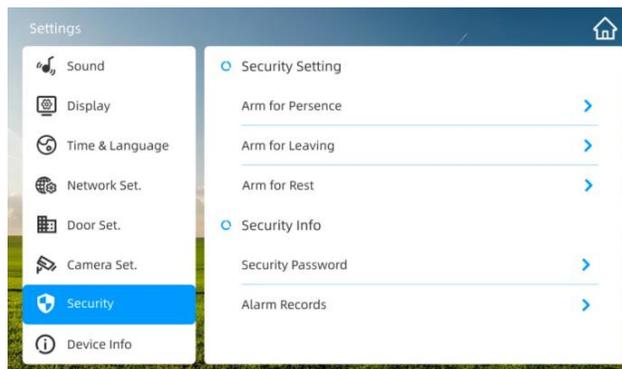
Configure information

- In the camera list, touch 【🔍】 to manually add camera configurations.

- In the camera list, touch 【ⓘ】 to edit camera configuration information.
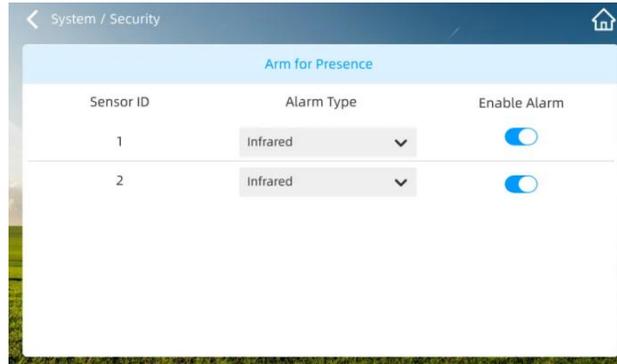

Setting- Security

In different modes of security configuration, security passwords and alarm records can be set accordingly.

Security configuration

- Configure the security attributes of the indoor unit for away from home mode, at home mode and rest mode respectively, and touch to enter the attribute configuration interface.

- The alarm type and function enable switch of security detector 1 and security detector 2 can be set separately.
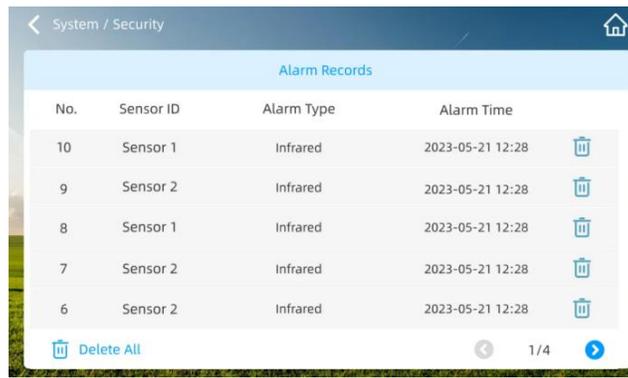

Secure password settings

Touch【Security Password】to enter the security password modification interface (default: 230901).
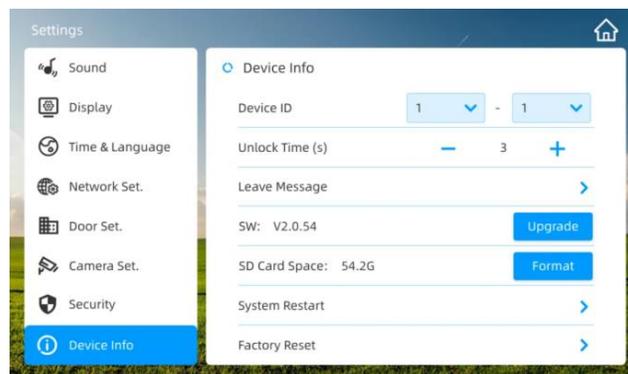

Alarm record management

- Touch【Alarm Records】 to open the alarm record interface and view the defense alarm records.

- Touch【 🗑 】to delete specified records, and【 🗑 Delete All 】to delete all records.

Settings-Device Information

You can set the indoor unit ID, indoor unit lock unlocking time, leave home message setting, device upgrade, format SD card, system restart and restore factory settings.

Indoor unit ID configuration

Set the indoor unit ID: - Device number (can be set to 1~4).

Configure the indoor unit unlocking time

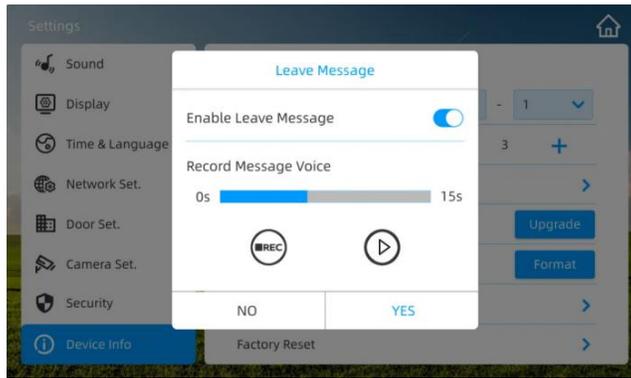Set the indoor unit unlocking time: 1~250 seconds (default 6s).

Leaving home message settings

Memory card is required for recording voice messages.

Open the voice message setting interface and touch 【 】 to enable the voice message function.

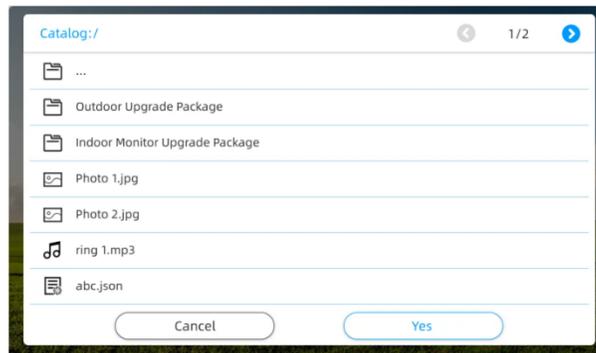Touch 【 REC 】 to record the voice, and 【 YES 】 to save the voice message settings.

Then 【 ▷ 】 to play the voice.

✋ *When the indoor station turns on the voice message function and sets it to away from home mode, the door station will play the message voice when calling the indoor station.*

System Upgrade

Touch【Upgrade】to open the SD card file selection interface. Select the upgrade software package and【Yes】to confirm the upgrade.

Format SD card

Touch【Format】and【OK】to confirm formatting the SD card.

Device restart

Touch【System Restart】and【OK】to soft restart the indoor unit.

Ret to factory settings

Touch【Factory Reset】and【OK】to restore the indoor unit to factory settings. The restoration items are as follow.

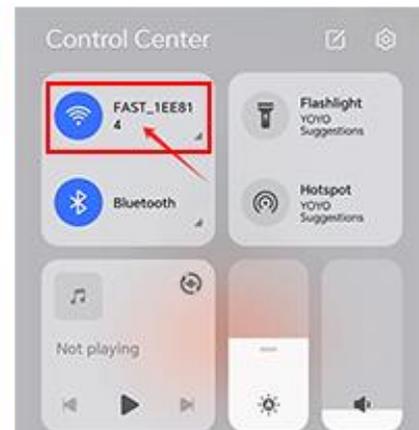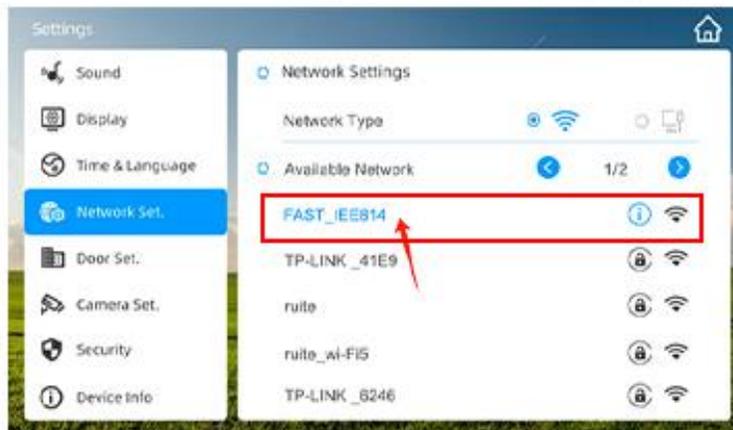| No.	Settings	Default Configuration
1	Languages	English
2	Touch-tone	Turn on
3	Ringtone	Ringtone 1
4	Ring Time	60 (s)
5	Ring Volume	1
6	Call Volume	4
7	Brightness	50%
8	Screensaver	Turn on
9	Screensaver Start Time	60 (s)
10	Screensaver End Time	30 (min)
11	Set Date	2023-01-01 08:00
12	Synchronize Time Function	Turn On
13	Networking Typed	WiFi
14	Monitoring Configuration Type	DHCP
15	Private Area Monitoring List	None
16	Public Area Monitoring List	None
17	All Modes Zone Detection Function	Turn Off
18	Secure Password	230901
19	Alarm Records	None
20	Device ID	1-1
21	Indoor Unlock Time	6 (s)
22	Leaving Home Message Function	Turn Off
23	History	None
24	Mode	At Home

TUYA APP Configuration

Mobile Phone TUYA APP Setting, make sure the mobilephone is nearby the wifi monitor and router.

Step 1

The mobile phone should be connected to the same wifi as the monitor wifi. Download the APP"Tuya Smart" in google player or IOS APP store.

Step 2

Clicking the "Tuya Smart" APP for adding

Step 3

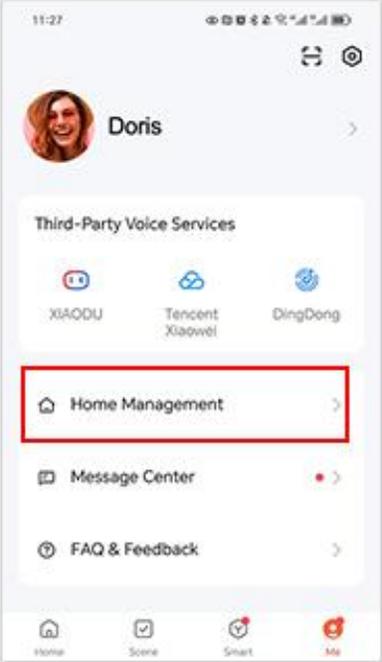Device discovered automatically and "Add"
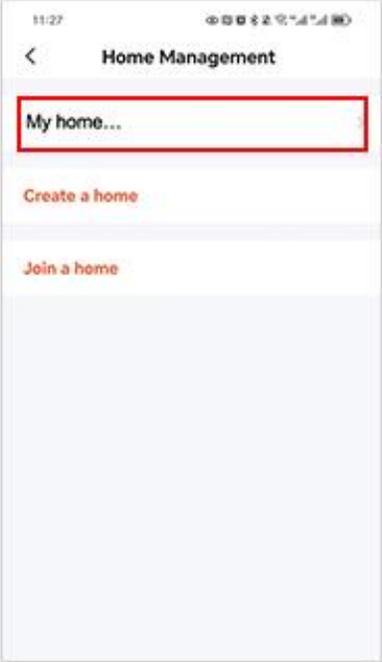
Step 4

Added successfully and dick "Done"

HOW TO SHARE "Tuya Smart" TO OTHER USERS

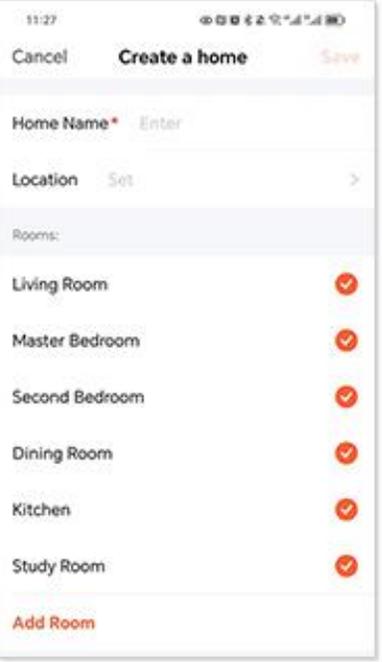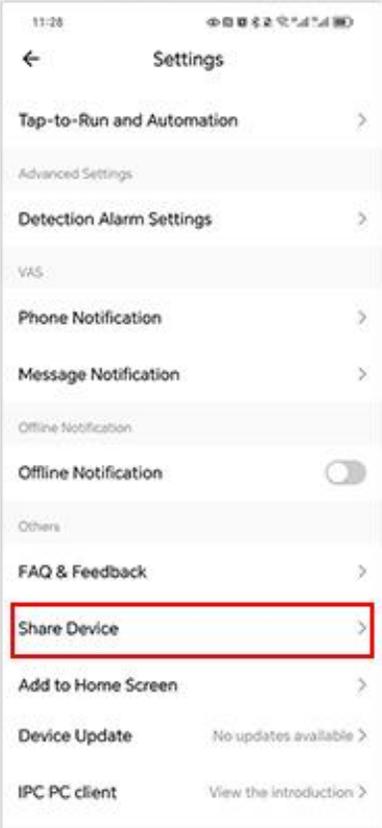New home members need to register the new account follow the below steps to share.

Step 1

Step 2

Step 3

Step 4

Step 5

Step 6

How to Share to additional users.

Preparation: new home members need to register the new account

The steps of the share to additional users as the below:
①Open the "TUYA SMART" APP on the mobile phone ②click "me" ③click "home management" ④click "my home" to enter the "Home Setting," ⑤click "Add Member" ⑥ click "App Account ⑦input the registered user name and account(email or phone number) and Save it You wil find thenew additional users at the "Home Setting".

camera name

exit/return

Security Camera

setting

zoom up/down

150KB/S

speaker on/off

switch Camera

horizontal/
vertical display

video record

snap picture

talk

Gallery

Theme Color

Motion
Detection

Lock

Door naming

Edit

Lock

Records

Door

Garage

Messages

Features