Specification

Display screen	7"
Definition	1024x600x3RGB
Calling mode	Two-way conversation
Calling time	>120S
Standby current	Max300mA
Work current	Max800mA
Power supply	External switching power Supply (DC24V)--Option
Work temperature	-10~+40 °C
Installation way	Surface mounting
SD Max capacity	128GB(FAT) ≥Class10
Resolution	1080

## Install the indoor unit
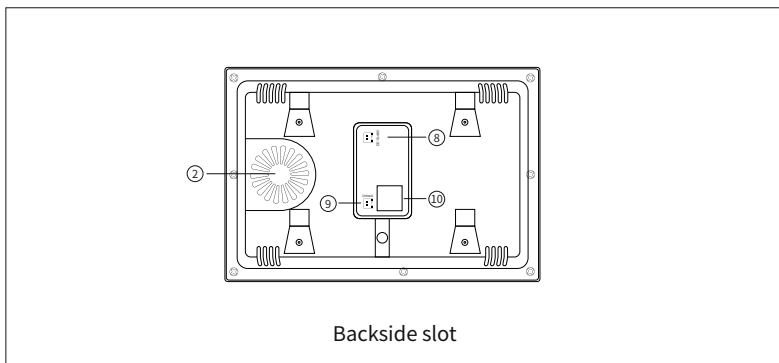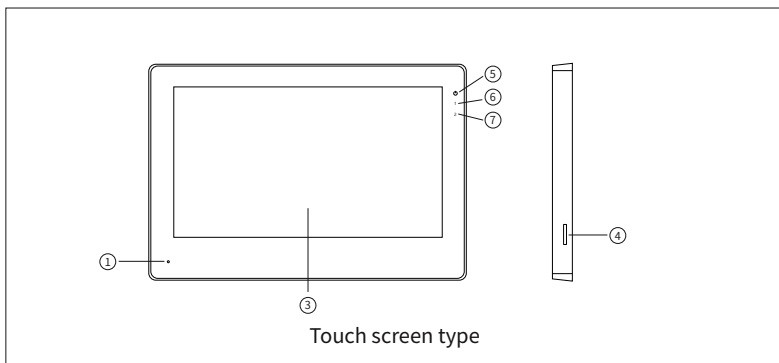

Plastic   Stent   Cables

150-160cm

Note:

1: Please be far from the devices with intense radiation: TV, DVR, etc.

2:Do not disassemble privately to avoid the electric shock.

3:Do not drop, shake or knock the device, otherwise will damage the elements.

4:Choose the best position to install, the horizontal view is 150cm.

5:Please power down before installation.

6:Keep at a distance of more than 30cm with AC power to avoid interference.

7:Away from the water, magnetic field and chemicals.

Statement

★ If there is any doubt or disputable regarding information in this manual, you can call our company for clarification.

★ There maybe some difference between the description provided here and the actual devices, as our products are constantly developing and upgrading. Weapologize if this manual does not contain all of the latest updates. Thanks

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Powered by tuya

TCP/IP System 2MP Resolution

Tuya Smart/Smart Life APP
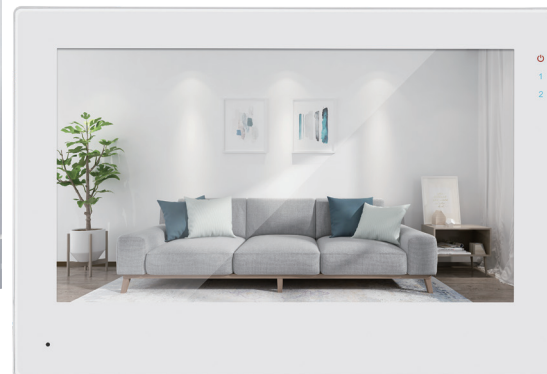
Description on indoor unit

Touch screen type

Backside slot

Name	Descriptions
⏻	Status Indicator
1	Door1-LED
2	Door2-LED

Function Description

①	Microphone
②	Speaker
③	TFT-LCD
④	SD card slot
⑤	Status Indicator
⑥	DOOR1 status indicator
⑦	DOOR2 status indicator
⑧	DC-IN: 15V-48V
⑨	Gate Lock
⑩	WLAN cable

Touch screen icon function definition

	System settings
	Device parameter setting
	Record file playback
	Multimedia playback
	Transfer calling
	Outer call
	At home mode
	Not at home mode
	Sleep mode
	Outdoor units

Note on wiring connection

1. Please use CAT5 or CAT6 network cable to connect. The effective distance from the call panel to the indoor unit is less than or equal to 200 meters

2. The CAT5 or CAT6 network cable consists of 4 pairs of twisted pairs (8 wires).
T568A: white green+green+white orange+blue+white blue+orange+white brown
T568B: white orange+orange+white green+blue+white blue+green+white brown

Three-wire unshielded cable + SYV75-3 video cable

1	2	3	4	5	6	7	8
white green	green	white orange	blue	white blue	orange	white brown	brown

RJ-45

T568A

1	2	3	4	5	6	7	8
white orange	orange	white green	blue	white blue	green	white brown	brown
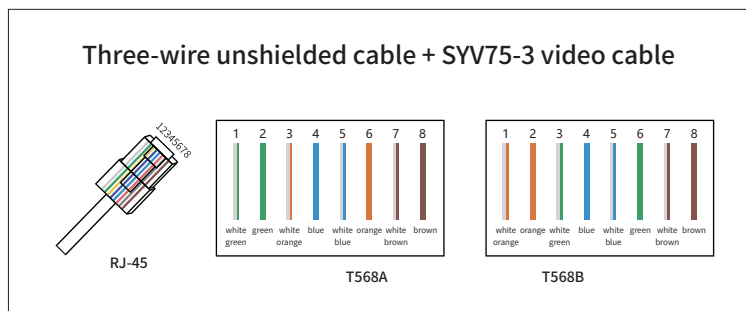
T568B

* Actually use T568A or T568B
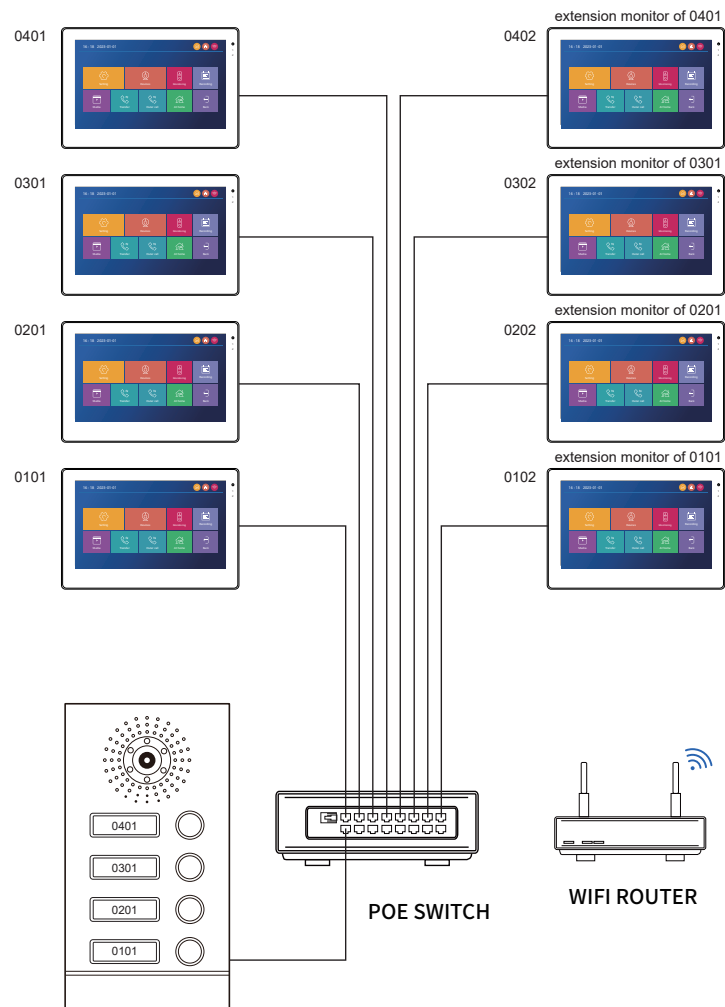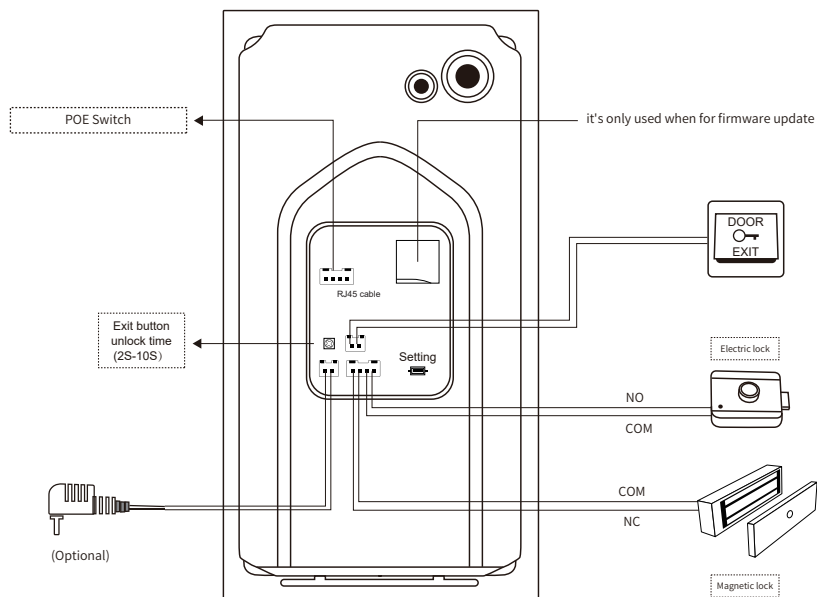 But the two heads must be exactly the same, either all use T568A or all use T568B

* Please be careful not to use non-standard POE power supply

Wiring Diagram

0401	extension monitor of 0401 0402
0301	extension monitor of 0301 0302
0201	extension monitor of 0201 0202
0101	extension monitor of 0101 0102

0401
0301
0201
0101

POE SWITCH   WIFI ROUTER

Lock connection

POE Switch

it's only used when for firmware update

RJ45 cable

DOOR
EXIT

Exit button
unlock time
(2S-10S)

Setting

Electric lock

NO

COM

COM

NC

(Optional)

Magnetic lock

Restore factory settings:

Press and hold the bottom call button for 3-5 seconds within 1 minute after the outdoor unit is power on, the button light will turn off and the outdoor unit will restart automatically

Installation diagram
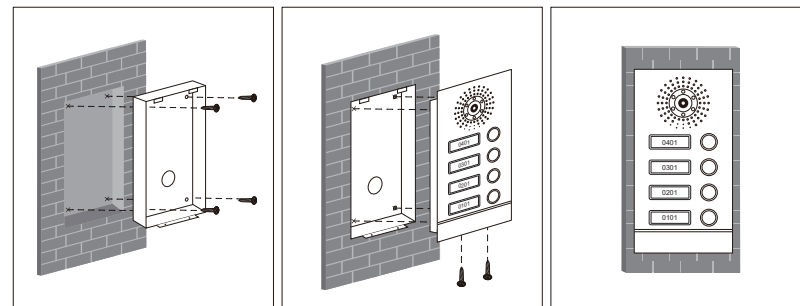
Camera	CMOS
View angle	2.7(160°)
Definition(Hor.)	1080
LEDs for night	IR LEDs(120°)
Power consumption	200mA max.(10V-13V DC)
Power supplier	Supplied from indoor unit
Operation temp.	-40~+50°C
Installation	Surface/flush mount

#### Outdoor installation

50CM

60°

150-160cm
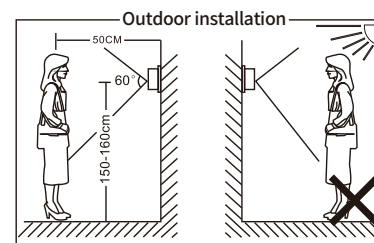
NOTE:

- Do not install the call panel in this environment e.g. Straight sunshine , contact rain , high temperature , high humidity , full of dust and chemistry corrosive.

- Switch off power supply before installation.

- Keep more than 30cm away from AC power supply to avoid external interference.

Installation process:

1: First drill 4mm~6mm diameter holes on wall
2: Install the rain cover with the 4pcs expansion bolts & screws
3: Connect the wires through the hole
4: Fasten the bottom screw

Default setting: Select language and device ID
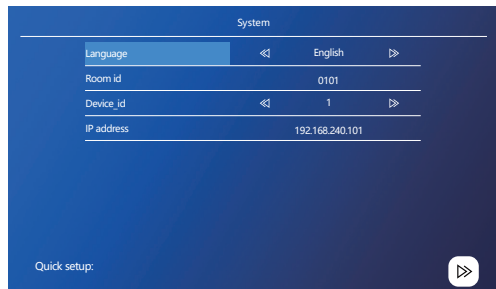
Network Setting
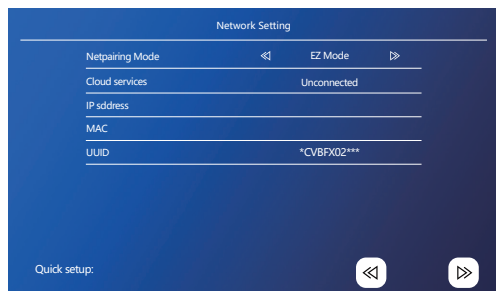
Menu operation instructions

Call log files
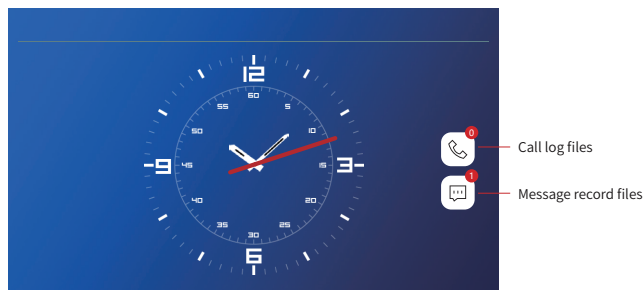
Message record files

1: Win10 style

2: Android style

3: Standard style

Three style of interface can be set through the menu. No need to restart

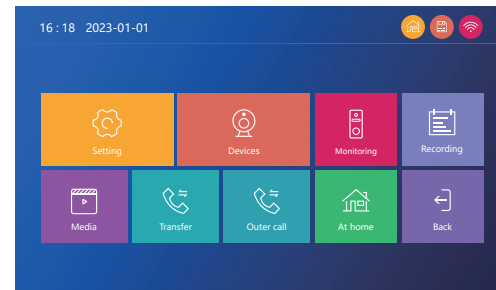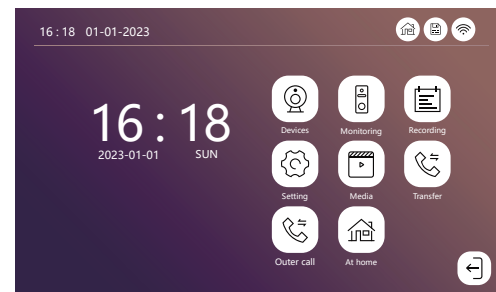|					
⚙	Language	≪	English	▷	
System	Menu style	≪	Standard	▷	
	Keytone	≪	On	▷	
🕐	Room number settings		Ok	⚙	
Time	Admin password		Change	⚙	
	Factory settings		Ok	⚙	
🌐	Software update		Ok	⚙	
Network	Restart system		Ok	⚙	
	Formatting SD		Ok	⚙	
🖼	Room id		101 - 1 192.168.240.101		
Digital Frame	Software version		DBB-V1.3-20230220		
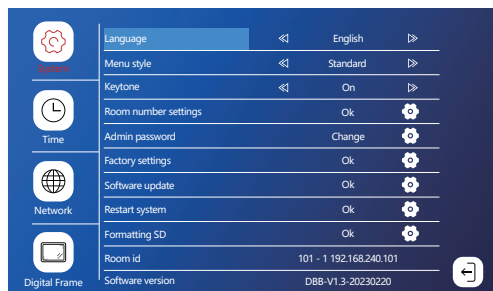
⚙ System

1: The system support up to 128G SD card(not included). When use 16/32G TF card, please format with FAT32 on the computer before use. When use 64/128G TF card, please format with EXFAT on the computer before use.

2: Please insert the SD card into the SD card slot of the indoor monitor. Please note if no SD card, there will be no function for motion detection and no records could be saved in the indoor monitor. And also no digital frame function and no media function.

3: Please format the SD card with the device again and copy the files to the corresponding folder. Please note it must match the corresponding folder.

4:Restore factory settings: All set parameters are restored to factory mode. Note that Tuya's device must be deleted together before it can be used again, otherwise it cannot be added and used by other accounts. Can't connect to the Internet. ! ! !
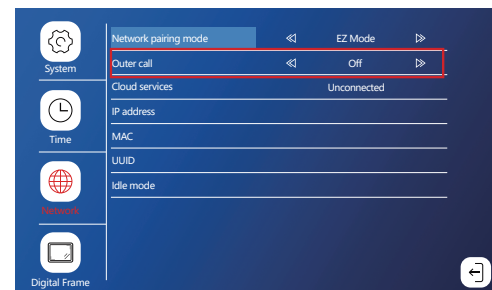
⚙	Year	≪	2022	▷	
System	Mon	≪	01	▷	
	Day	≪	01	▷	
🕐	H	≪	02	▷	
Time	M	≪	44	▷	
	YY-MM-DD	≪	YY-MM-DD	▷	
🌐	Idle mode	≪	Clock	▷	
Network					
🖼 Digital Frame					

🕐 Time

Screen off: Back to standby menu and will be black screen
Clock: Analog clock to display time
Time: Digital numbers to display time

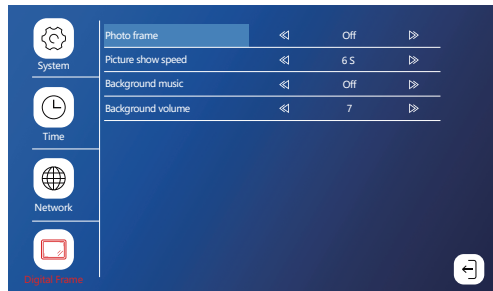|					
⚙	Network pairing mode	≪	EZ Mode	▷	
System	Outer call	≪	Off	▷	
	Cloud services		Unconnected		
🕐	IP address				
Time	MAC				
	UUID				
🌐	Idle mode				
Network					
🖼 Digital Frame					

🌐 Network

Outdoor call: You can turn it ON or OFF. When it's ON, your neighbour can click menu icon of "Outer call" and enter your room number to call you. When it's OFF, your neighbour will ot be able to call you.
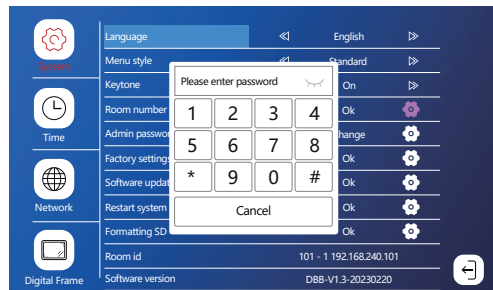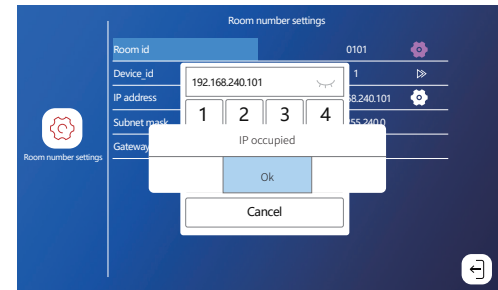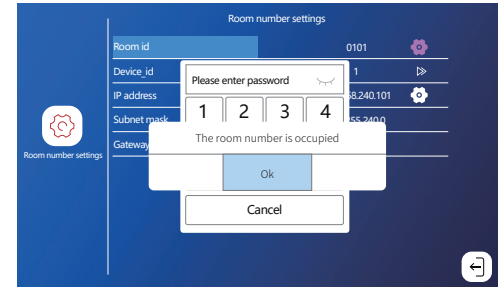
Setting

Digital Frame

Note:

1: The picture file must be copied to the Digital Frame folder, the picture resolution must not be greater than: 2526x1576, the format is JPEG.

2: Long press the file to pop up the submenu, select "Delete" or "Delete All", and click the file to enter the playback interface.

Room number settings

Room number settings

Note:To avoid "IP occupied" or "room number occupied", please follow the instruction to make the products work properly.

1. The default password is 123456, you can change the password in the admin password column.

2. Default room ID is 0101, default device ID is 1, follow the settings to make them work properly in actual installation.

For 4 apartments use   Monitor 1 - room ID 0101, device ID 1

                   Monitor 2 - room ID 0201, device ID 1

                   Monitor 3 - room ID 0301, device ID 1

                   Monitor 4 - room ID 0401, device ID 1

When there are extension monitors, the extension monitor device ID will starts from 2 to 6.

3. Please set different IP address manually to make it work.

For example, Monitor 1 of apartment 1 - 192.168.240.101

            Monitor 2 of apartment 1 - 192.168.240.102

            Monitor 1 of apartment 2 - 192.168.240.201

            Monitor 1 of apartment 3 - 192.168.240.301

            Monitor 1 of apartment 4 - 192.168.240.401

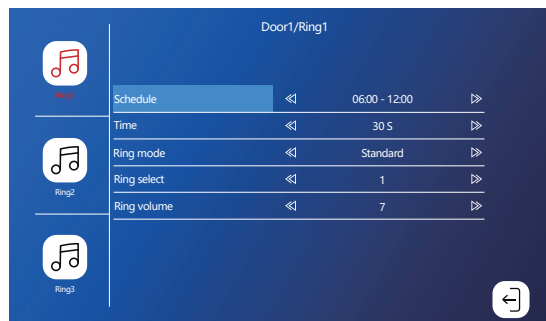4. The IP address format is 192.168.240.100...192.168.240.250

Devices

1: If the channel is closed, it will be skipped when monitoring the polling screen. This channel and APP will not display this channel. Please set it carefully.

2: When Motion Detection Push APP is closed, the phone will not receive any push information.

⚙ Ring setting

1: The ringtone of each channel can be set to three time periods, and different ringtone type and volume can be set, but it should be noted that there can be no gaps and overlaps between the three time periods, otherwise the system will play the default parameters.

2: Please note that the volume setting of the Door bell cannot be greater than the volume of the indoor unit.

Monitor
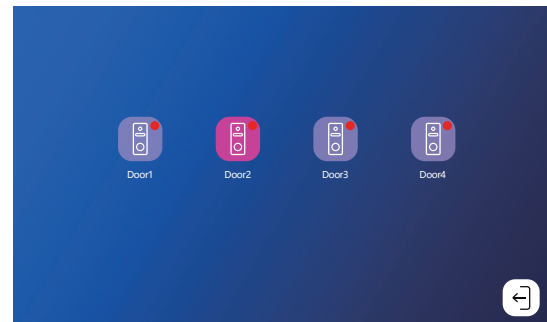
1: When only one outdoor unit connect with moinitor , able to power on in the same time.

2: When need to connect multipe outdoor unit , please power on one by one in sequence , and the monitor will show as door 1 ,door 2 ,door 3, door 4 according to the power on sequence.

3: During monitor quickly start page , the outdoor unit it is unable to connect it , after enter the menu page 3-5 sec will auto connecte ,the icon will be green color

Recording
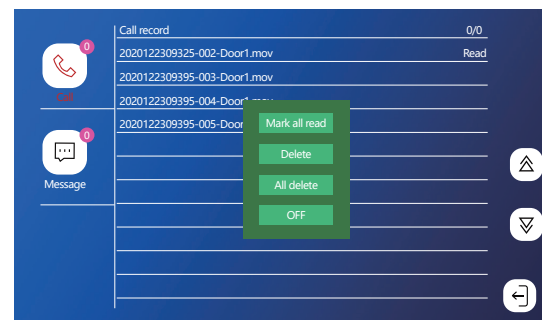
1: Click the file to play directly, long press the file to enter the delete/read operation

Install the free APP"Tuya Smart" "Smart Life", Start controlling your smart home.

Snapshot   Intercom   Video record

Doorbell door unlock   Channel switching   Monitor door unlock

Any visitors or guests can be reached anytime and anywhere by mobile.

New user register it according to guide steps, already registered user just login the account

Tuya Smart app

Smart Life app

Register

Mobile Number/Email

☐ I Agree Privacy Policy User Agreement Children's Privacy Statement and Third Party Information Sharing List

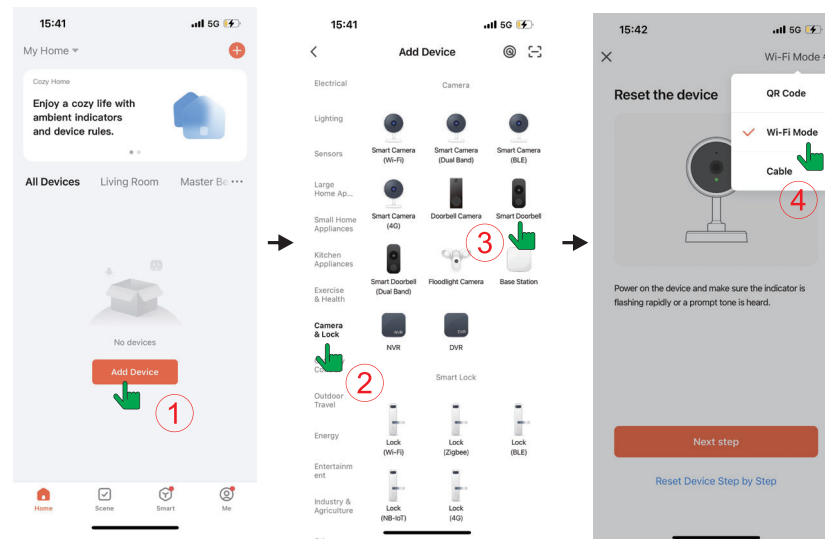Get Verification Code

Log In

Please enter the account

Password

☐ I Agree Privacy Policy User Agreement Children's Privacy Statement and Third Party Information Sharing List
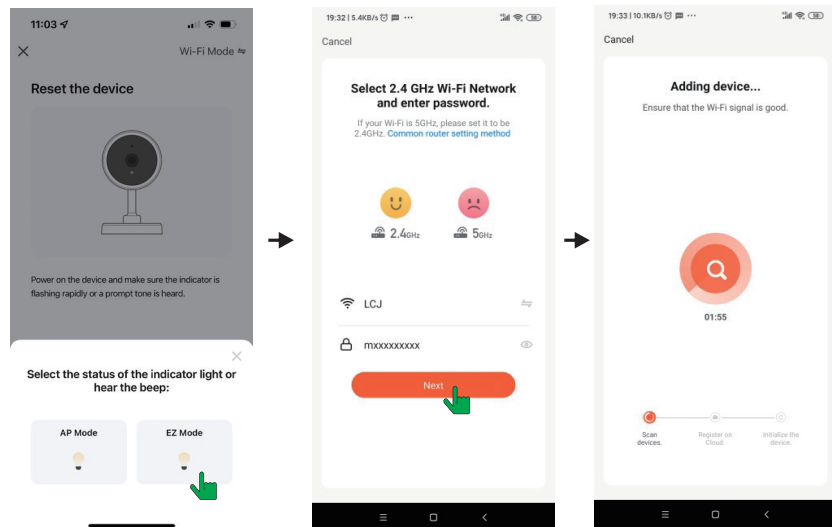
Log In

Forgot Password

1: EZ mode, only use the mobile phone to connect the WIFI router and match the WIFI password (Monitor no need to set) as shown below

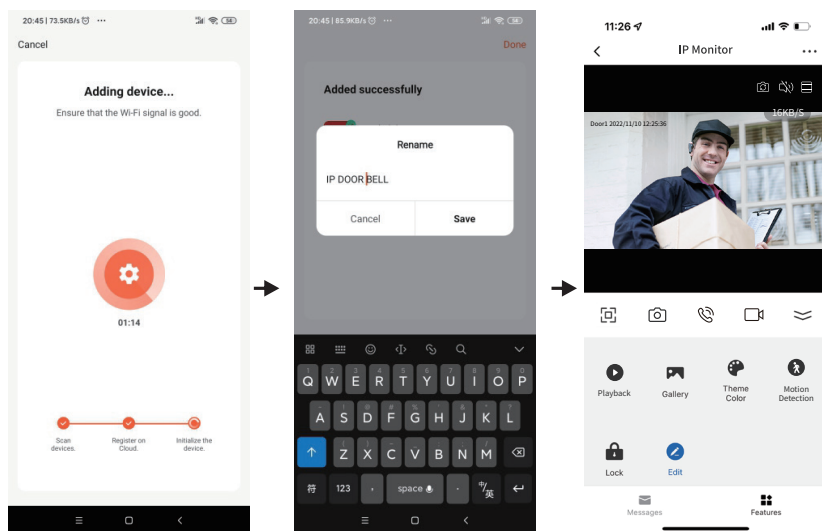Open Tuya and click Add Device

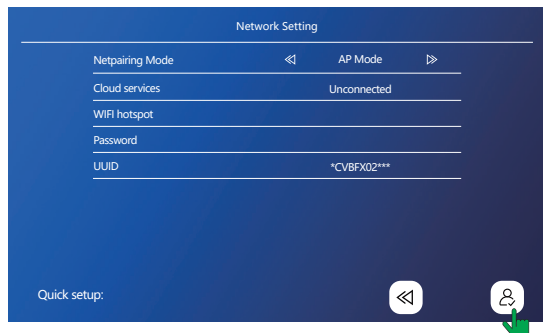Camera & Lock > Smart Doorbell

Choose Wi-Fi Mode

Choose EZ Mode

* It is better to turn off the data flow when connecting to the network, use WIFI communication, and firstly use WIFI to test whether the network is smooth, the signal is better to be above 90%, because the EZ mode uses the broadcast mode, and The strong signal will make the connection more easy to succeed.

* **Please choose a 2.4 Ghz WiFi network, this device will not work with 5Ghz Wifi networks.**

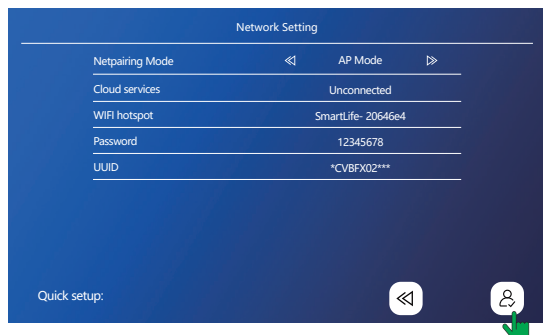## Note: If the connection using EZ mode is unsuccessful, generally there are the following points:

1: The total number of road management mail users is generally 16, 32, 128; The number of most users is 16, if all users are connected, it will be difficult to reconnect access this device through EZ mode. In this case, you can delete some users,Or use AP mode.

2: The encoding and decoding methods of some older WiFi routers are relatively old and do not support EZ mode in this case, you can only connect using AP mode.

3: If you connect a high-definition WiFi camera to a WiFi router, it will also affect the success rate of the connection. Because high-definition video will take up a lot of bandwidth and cause broadcast interruption during the EZ mode connection, successful configuration will be more difficult. The method can be to first suspend the power supply of the WiFi camera, and then resume the power supply of the camera after the connection is successful; or use the AP mode to connect.

4: Do not connect more than two devices at the same time under the same router environment, otherwise they will cross code with each other. You can turn off one of them then connect the other one.
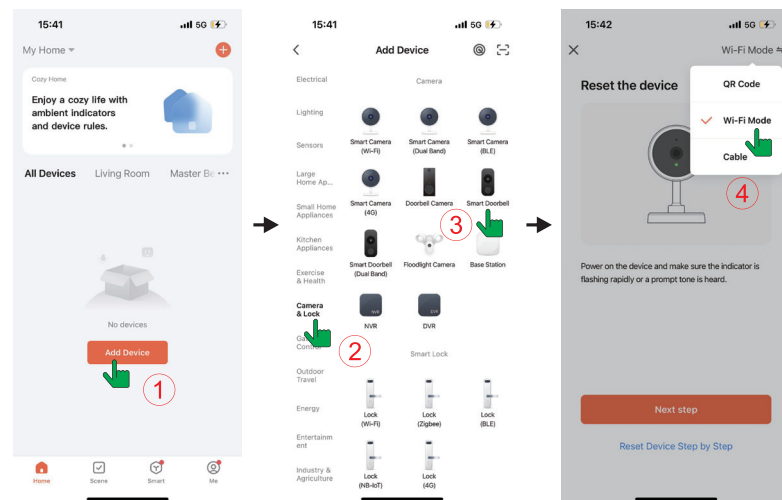
AP mode

To quickly configure the interface and configure the AP mode in (Settings>Network Interface), note: In (Settings > Network Interface), press the back button to restart the device. (Settings > Network Interface) view the WIFI hotspot name and password.

Network Setting		
Netpairing Mode	≪ AP Mode ▷	
Cloud services	Unconnected	
WIFI hotspot		
Password		
UUID	*CVBFX02***	

Quick setup:

After restarting as prompted, enter the following interface in turn

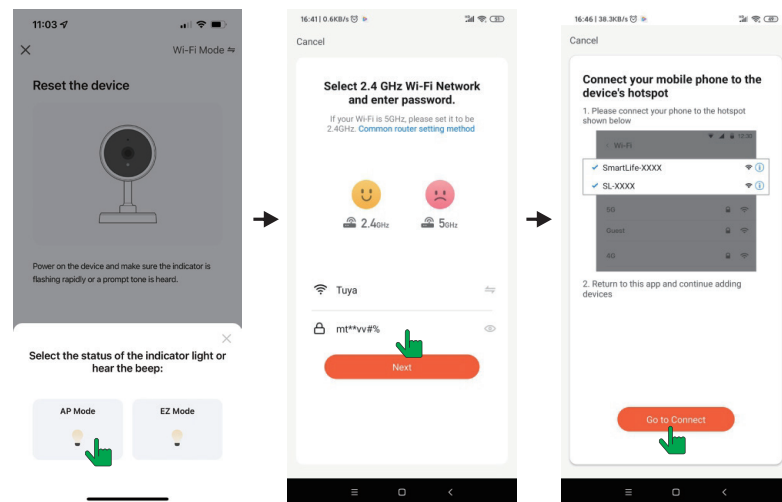| Network Setting		
Netpairing Mode	≪ AP Mode ▷	
Cloud services	Unconnected	
WIFI hotspot	SmartLife- 20646e4	
Password	12345678	
UUID	*CVBFX02***	

Quick setup:
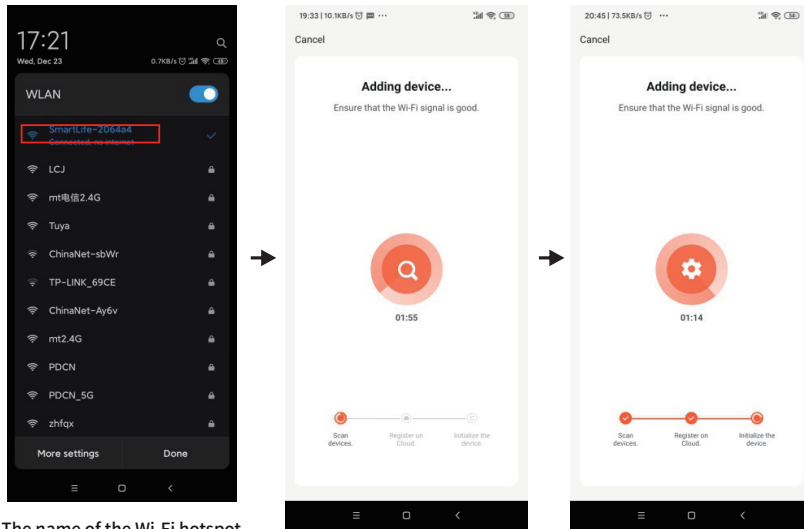
Tuya APP operates as follows
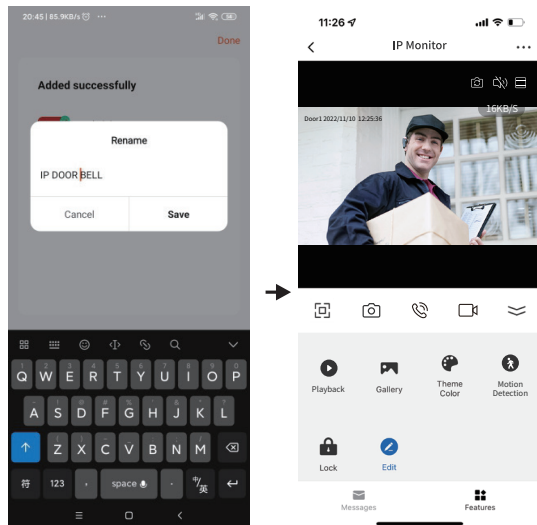

Open Tuya and click
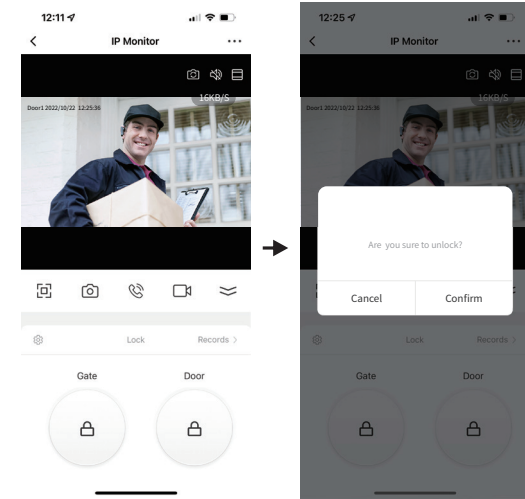Add Device

Camera & Lock
> Smart Doorbell

Choose Wi-Fi Mode

The name of the Wi-Fi hotspot is the same as the interface, and the password is 12345678
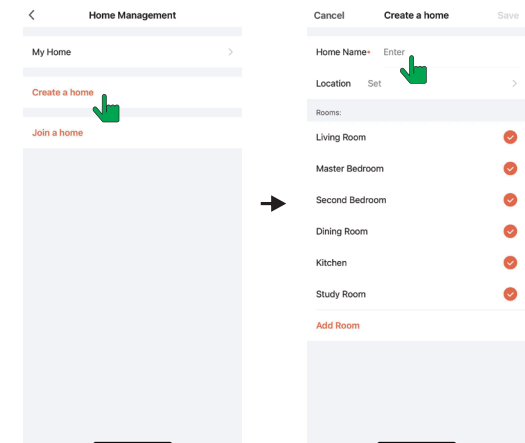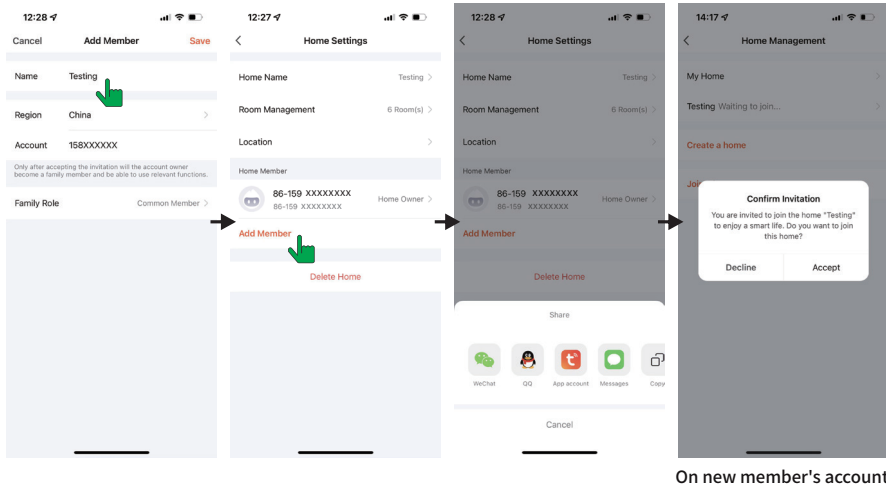

Unlock the door

Create a home and add new member

Support up to 10 mobile phones to connect online at the same time

Step 1: Create a home (Setting a Home Name)

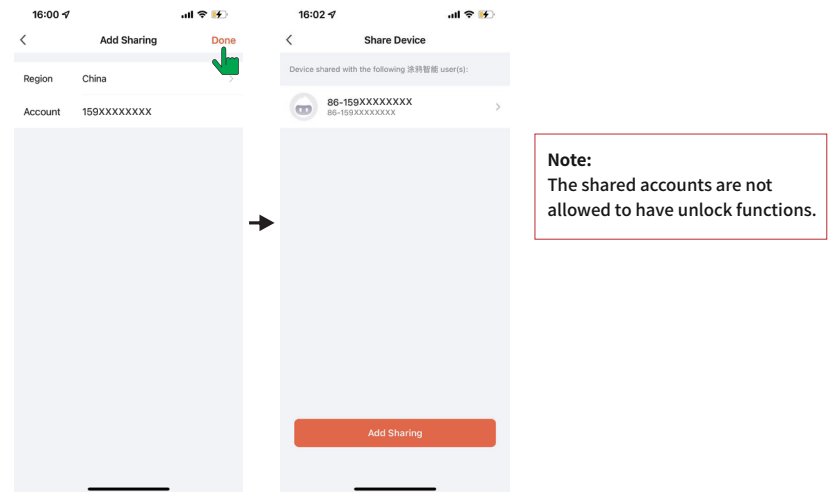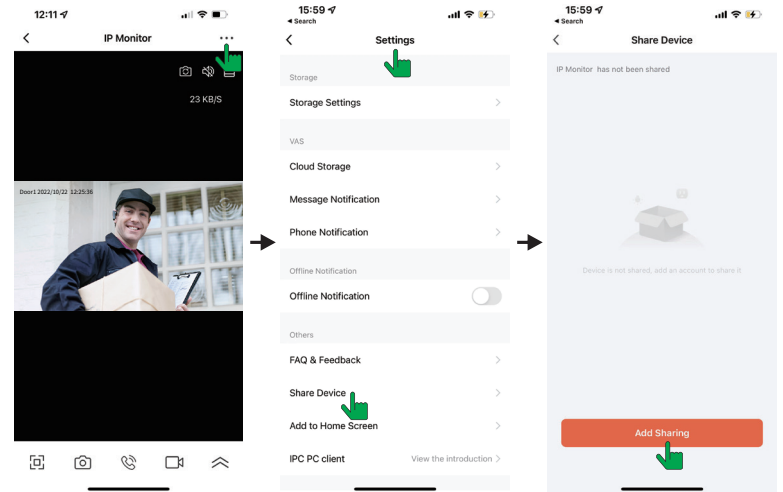**Step 2:** Add member(Enter member's TUYA account)

On new member's account

Step 3: Choose the home and Add Device.

Note:
The added members have same functions as the main account.

Note:
The shared accounts are not allowed to have unlock functions.
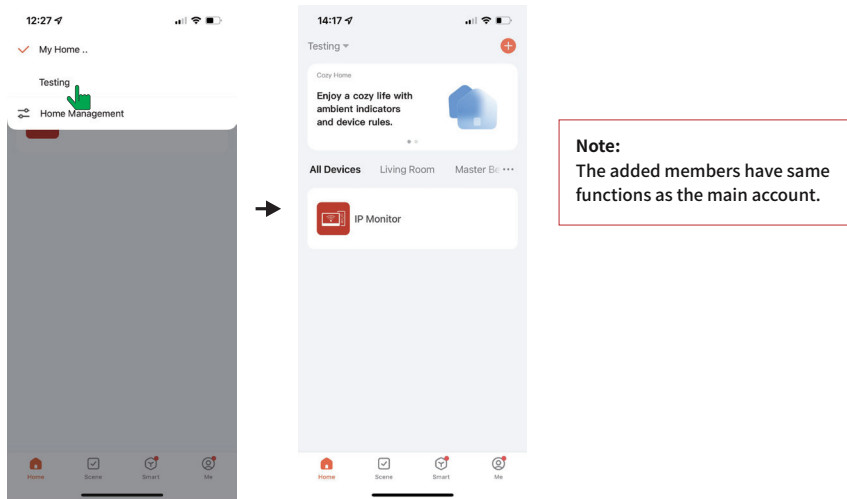
Note on using App

1: If the device has been successfully connected to the user, the user needs to delete
the device on the APP before adding it to another user. (note: The user should be
deleted when the next work is good, otherwise it's only deleted on the mobile APP,
but not on the server) . After deleting, go back to the APP to check and confirm.

2: If a new user needs to be added again the machine restores to the factory settings,
the current user also needs to delete the delete then re-connect, Otherwise, the device
has deleted the password of the router and it's unable to connect.

3: If the monitor has paired successfully to the network, but adaptor power gets OFF and ON.
Customers don't need to re-configure the network connection settings and date time again.
It will be repair by itself under the same network and it will takes 2 minutes to complete the
process without further configuration.

Also other settings has been configured by customers will be remain the same as the device
setting before power OFF status. Calling from Outdoor to Indoor can be initiated once the
display power goes ON irrespective of the network connectivity.

App function definition
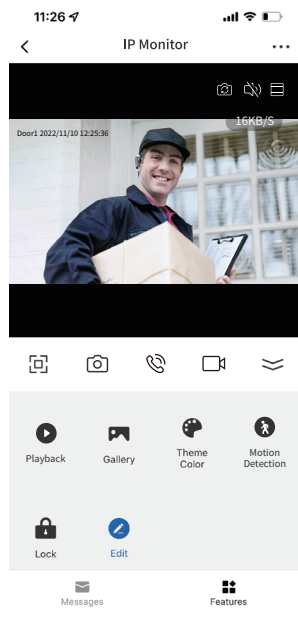
Icon	Description
📷	Channel switching. Please turn on Door1/Door2/ via indoor unit menu first.
🔇	Mute
▤	Zoom in
⛶	Full screen
📷	Take pictures by App and saved in mobile album
📞	Talk
📹	Take video by App and saved in mobile album
▶	Playback video stored in SD card by calendar
🖼	Check the video and photo taken by App
🎨	Light mode / Dark mode optional
🔒	Release the lock
☁	Cloud service to save calling video and motion detection video
🏃	Motion Detection

Video interface icon description
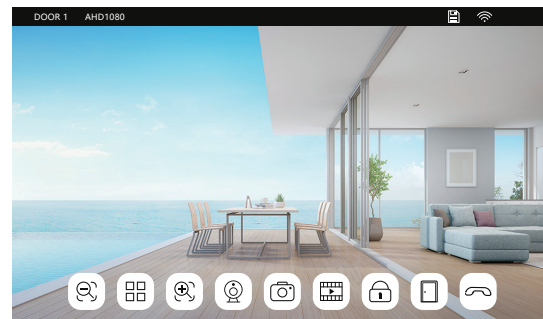
Icon	Description
Zoom out	Zoom out
	Volume adjustment
Zoom in	Zoom in
Switch	Switch to the next channel, Door1>Door2>Door3>Door4
Snapshot	Snapshot
REC	REC
Unlock	Unlock
Gate unlock	Gate unlock
Answer, Hang up	Answer , Hang up