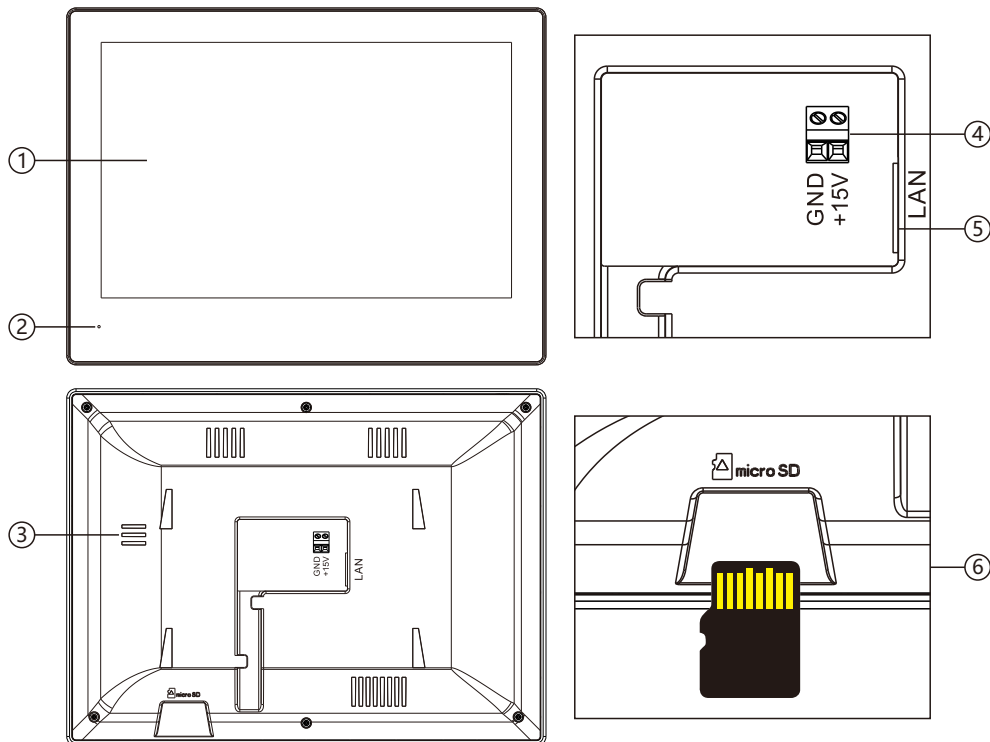


Appearance description



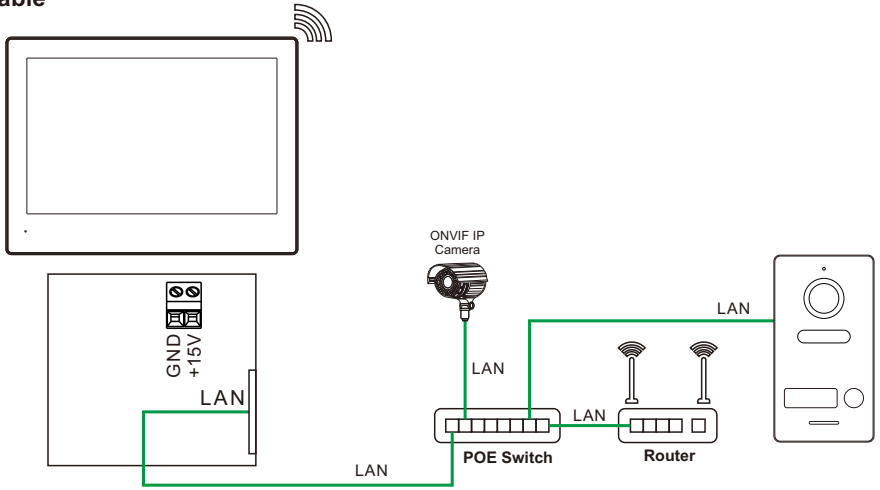
No.	Name	Description
1	Screen	8" screen
2	MIC	Microphone
3	Speaker	Loudspeaker
4	DC power supply	DC15V, 0.8A
5	Ethernet port	Network interface
6	Micro SD card slot	Max.512GB (Class 10, FAT32)

About the guide

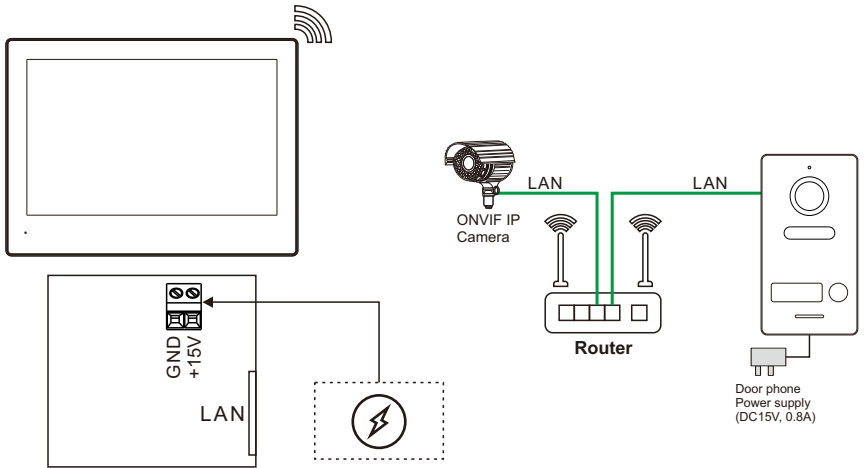
- The guide serves as a reference document and should not be taken as the sole source of information about the product.
- The actual product should always be consulted to verify any details or specifications.
- We assume no liability for any losses incurred due to actions that do not adhere to the guidelines provided in the guide.
- We reserve the right to update the designs and software without prior notice.
- In the event of any uncertainties or disputes, our final explanation will be considered the conclusive interpretation.

SPARKELEC Wiring diagram

1. UTP Cable



2. WiFi



One family: The maximum number of connected door panel + IP camera is 8, for monitor is 10.
Power supply: POE IEEE 802.3af / DC15V (Optional)

Quick configuration

1. Configure the door station or camera

Before configuration, please make sure all devices are in the same IP segment.

1.1 Add the door station automatically

When the indoor monitor and the door station are connected, the single-family door station will be automatically configured (this will happen 1-2 minutes after power is applied).

Note: If after 1-2 minutes the connection has not occurred (you cannot make a call) - check if the connection is correct, do a RESET on the door station and the monitor to reconnect.

1.2 Add a door station or camera manually

You can follow the steps below to complete the access to the single-family door station or camera.

Step 1: In the system main menu, click → , then click **CONFIGURATION** → **ADD NEW DEVICES**.

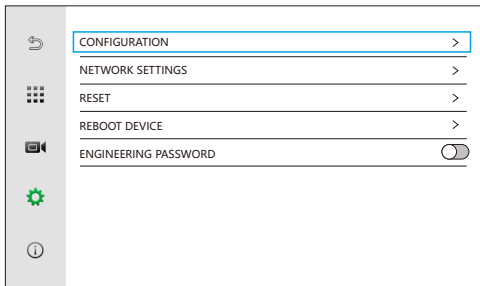
Step 2: Click on the door station or camera to be added to the device list, as shown in picture 3. The door station or camera can be successfully added to the indoor monitor.

Step 3: For the camera: Click → input Mainstream and Substream → click , then the camera will be added successfully.

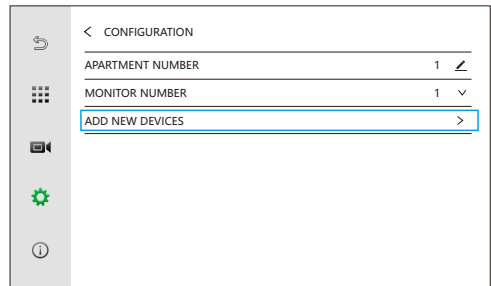
Step 4: After successfully adding the door station or camera, the device address will be displayed in the list on the right, as shown in picture 4.

Note:

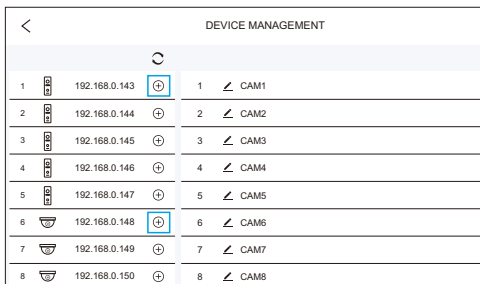
1. The video camera must have ONVIF protocol. Ask your distributor about the Mainstream and Substream of the camera.
2. For indoor monitor WiFi connection, follow these steps (**1.3 WiFi connection, Page 4**).



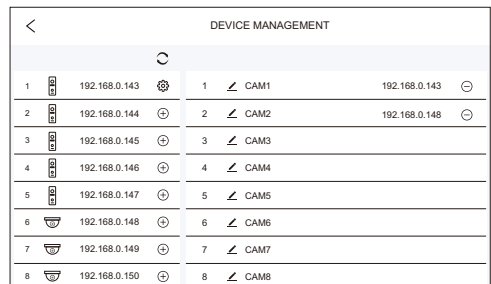
Picture 1



Picture 2



Picture 3



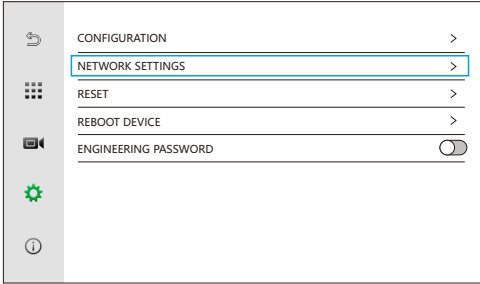
Picture 4

1.3 WiFi connection

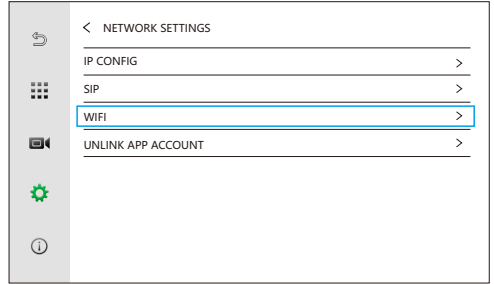
The steps to connect the indoor monitor to WiFi are as follows:

Step 1: In the system main menu, click  → , and then click **NETWORK SETTINGS** → **WiFi** to enter the WiFi setting interface.

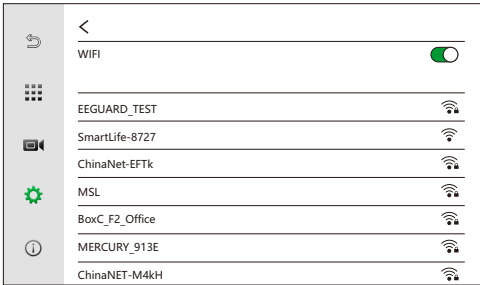
Step 2: After turning on WiFi, the WiFi list will pop up. Click the WiFi name in the list and enter the password to connect to WiFi, as shown in picture 3 and 4.



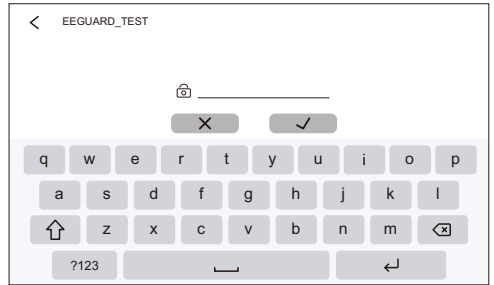
Picture 1



Picture 2





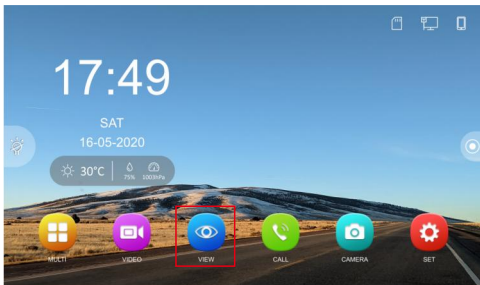
Picture 3



Picture 4

1.4 Channel administration

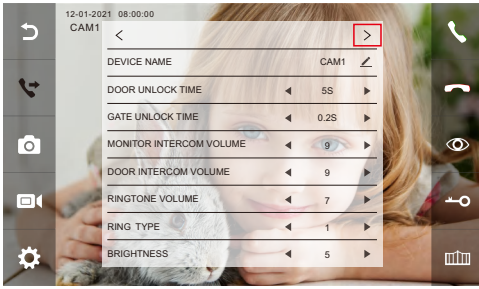
Click  in the main interface of indoor monitor, then click  to enter setting interface of door station.



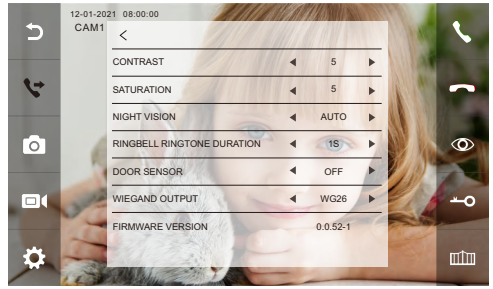
Picture 1




Picture 2



Picture 3



Picture 4

Table of contents	Selection	Note
DEVICE NAME		Modify the display name of the door station in the indoor monitor.
DOOR UNLOCK TIME	1-19S	The door unlock time can be set to 1-19S. The default unlock time is 5S.
GATE UNLOCK TIME	0.2-5S	The gate unlock time can be set to 0.2-5S. The default unlock time is 0.2S.
MONITOR INTERCOM VOLUME	0-9	Adjust the volume of the speaker of the indoor monitor.
DOOR INTERCOM VOLUME	0-9	Adjust the volume of the speaker of the door station.
RINGTONE VOLUME	0-9	Adjust the ringtone volume of the door station.
RING TYPE	1-13	Adjust the device's calling ringtone.
BRIGHTNESS	0-9	Adjust brightness
CONTRAST	0-9	Adjust contrast
SATURATION	0-9	Adjust saturation
NIGHT VISION	AUTO	Smart IR is achieved automatically.
	OFF	Turn off IR.
	ON	Turn on IR.
RINBELL RINGTONE DURATION (Only available for door station has this function.)	0-9S	Modify the duration of the chime's ringtone.
DOOR SENSOR (Only available for door station has this function.)	OFF	The door station will not detect if the door is opened.
	NO / NC	Door sensor can be connected to detect the open/closed state of the door. When the door is opened,  will be displayed on the indoor monitor and app.
WIEGAND OUTPUT (Only available for door station has this function.)	WG26	Wiegand 26 output
	WG34	Wiegand 34 output
FIRMWARE VERSION		Firmware version of the door station.

2. Configuring the door station to NVR

Step 1: Enter the “” to enter the interface as picture 2.

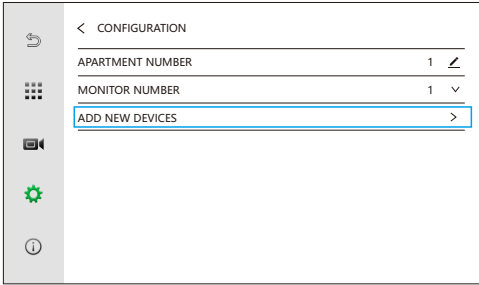
Step 2: Enter the “RTSP” interface to enter the setting interface as picture 3, 4.

Step 3: The default password is admin123, users need to change to their own password, click **YES** to save.

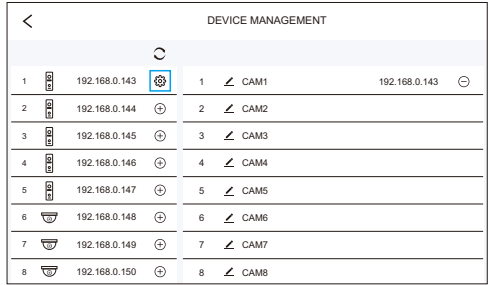
Step 4: The user can add the door station to the NVR through the MainStream and SubStream addresses of the door station, as shown in the picture 4.

REMARK:

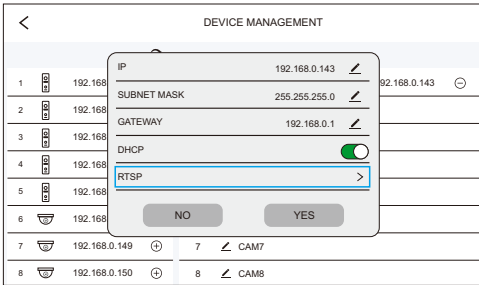
Unbind the door station or resetting the door station to resume the factory default password.



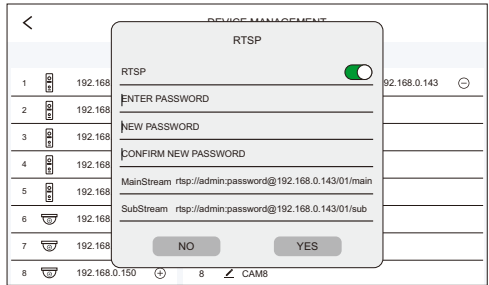
Picture 1



Picture 2



Picture 3



Picture 4

3. Configuring room setting

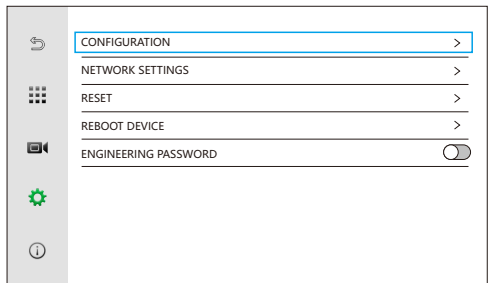
- (1) If only one door station and indoor monitor are connected, no need to set **APARTMENT NUMBER**.
- (2) The **MONITOR NUMBER** of the master monitor must be set to 1, and the extensions can be set to 2/3/4... , but two indoor monitors cannot set the same number.
- (3) In same family, set same **APARTMENT NUMBER** (the **APARTMENT NUMBER** can be set from 1 to 9999)

Exg: Set master monitor to **APARTMENT NUMBER 1 / MONITOR NUMBER 1** and slave one to **APARTMENT NUMBER 1 / MONITOR NUMBER 2**.

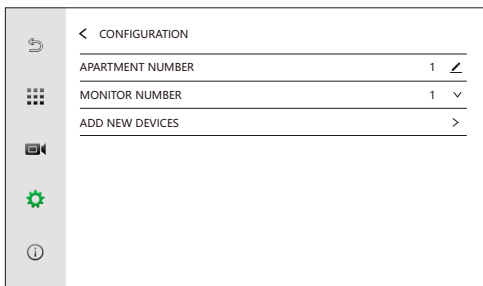
Only the master monitor needs to add the door station, and the slave one (**MONITOR NUMBER 2/3/4...**) will automatically add the door station.



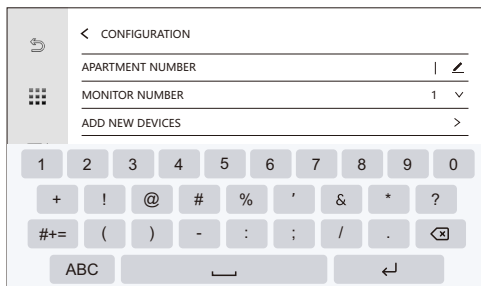
Picture 1



Picture 2



Picture 3



Picture 4

APP configuration

1. Install the APP

Search for  **Tuya Smart** in the app store of your phone and install it.



2. Apply account



After the installation is completed, open the app, apply an account and log in.

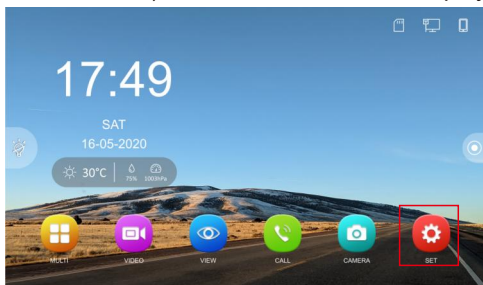
3. Connection

Before configuring, please make sure all devices are in the same IP segment.

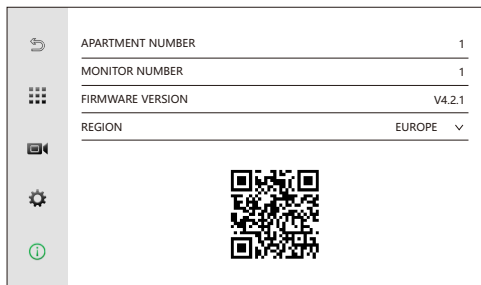
Option 1: Scanning QR code

Step 1: Click  in the main interface of indoor monitor to enter setting interface → Click  → Click **REGION** to choose the right region, related QR code will be displayed.

Step 2: Open **Tuya Smart APP** → Click **Add Device** /  → Click  (in the upper right corner) → Scan the QR code displayed in the indoor monitor → Done.




Picture 1



Picture 2




Option 2: Cable connection

Steps: Open **Tuya Smart APP** → Click **Add Device** /  → Click **Camera & Lock** → Click **Smart Doorbell** → QR Code for Camera ⇌ → Cable → Next → Add → Done.

4. Two-way talk setting

Click **Monitor** in the main interface of **Tuya Smart APP** → Click  → Basic Function Settings → Talk Mode → Two-Way Talk

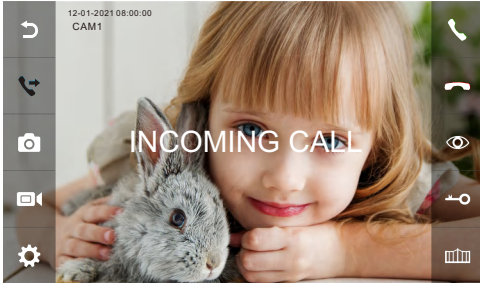
5. Call and intercom

Mobile will receive a calling interface notification from **Tuya Smart APP** when received calling from the outdoor panel, you can click  button to answer and click  to talk, click  again to end talk.

Video intercom operation

1. Door station call







When a visitor calls in door station, all the indoor monitors in this house will chime simultaneously as below.






Picture 1



Picture 2

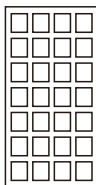
1. Click  to talk with the visitor. Click  to transfer the call to other indoor monitors. Before another indoor monitor answer the call, Click  one more time to talk with the visitor again.
2. If no one answers after chime time ends, indoor monitor will return to standby state .
3. At ringing or answering state, click  to unlock the door, and LCD will show **"DOOR UNLOCK"**.
4. Click  to unlock the gate, and LCD will show **"GATE UNLOCK"**.
5. If there is another incoming call from CAM2 when talking with CAM 1, the LCD will show **"NEW CALL: CAM2"**, then click  can switch the display image to CAM 2 and talk with another visitor.

Note: During intercom, click , the microphone will be mute, and icon turn to , also LCD will show **"MUTE"**, Click  again, the microphone will return to normal and LCD will show **"PLEASE TALK"**.

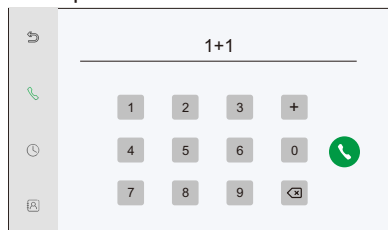
2. Incoming call answer / Call transfer

Click  on the main interface to enter the dial keyboard interface.

- (1) Call extension monitor: Enter the extension monitor number directly. Call "0" means to call all extension monitors.
- (2) Call apartment resident: Enter "1+" resident's apartment number.



Call apartment resident

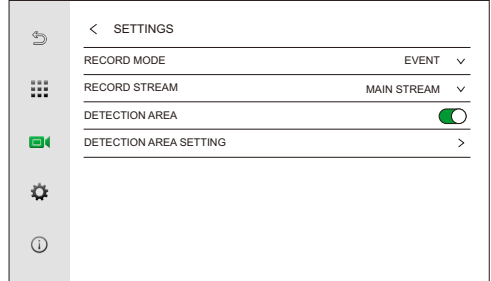
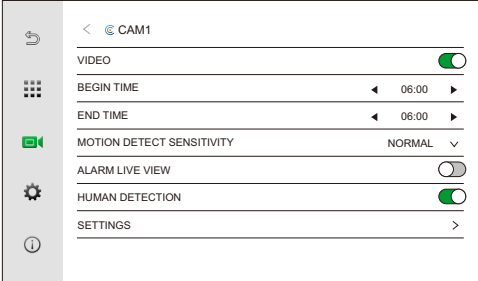


- (3) Call management center: 1 + 0 .
- (4) Call SIP: Enter "2+" IP phone number.

Note: When you use the standard SIP protocol, the calling number should be the phone number of the SIP account.

3. Video record setting

Click in the main interface of the indoor monitor to enter setting interface, then click to enter video interface, which displays 4 channels by default. Click CAM1/2/3/4 to enter video setting interface.

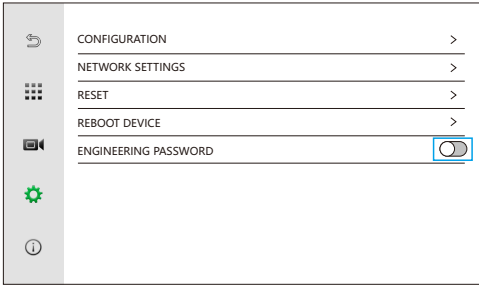


No.	Setting Item	Selection	Description				
1	VIDEO	Enable or disable the recording function.					
2	BEGIN TIME	Time to begin recording.					
3	END TIME	Time to end recording.					
4	MOTION DETECT SENSITIVITY	Can be set to HIGH / NORMAL / LOW. The higher the sensitivity, the farther the detection range.					
5	ALARM LIVE VIEW	When enabled, the screen will light up once detect motion. When disabled, the screen will not light up once detect motion. Disabled by default.					
6	HUMAN DETECTION	The recording function will not be triggered until the outdoor panel detects human-shaped motion. Disabled by default.					
7	SETTINGS	RECORD MODE	<table border="1"> <tr> <td>EVENT</td> <td>Recording when movement is detected.</td> </tr> <tr> <td>NON-STOP</td> <td>Recording all the time.</td> </tr> </table>	EVENT	Recording when movement is detected.	NON-STOP	Recording all the time.
		EVENT	Recording when movement is detected.				
		NON-STOP	Recording all the time.				
		RECORD STREAM	Can be set to MAIN STREAM / SUB STREAM.				
DETECTION AREA	When enabled, you can select the detection area. Disabled by default.						
DETECTION AREA SETTING	Select the detection area.						

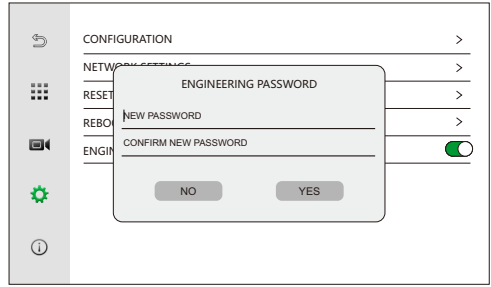
Password setting

1. Set engineering password

Click in the main interface of indoor monitor → click → turn on **ENGINEERING PASSWORD** as Picture 1 → input password according to your needs to set **ENGINEERING PASSWORD** → click **YES** to set it successfully.



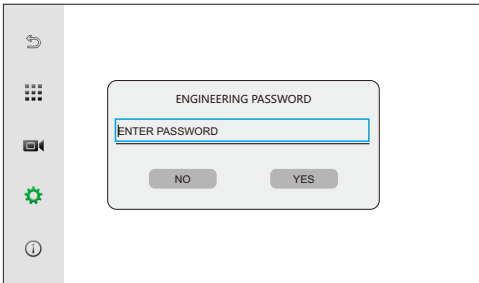
Picture 1



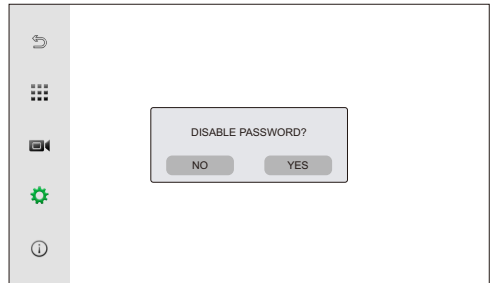
Picture 2

2. Reset password

Click in the main interface of indoor monitor → click → **PASSWORD MANAGEMENT MENU**, Long press the input field until **DISABLE PASSWORD** prompt appears as Picture 2 → click **YES** to turn off **ENGINEERING PASSWORD**.



Picture 1



Picture 2

Unbind devices

1. Unbind door station / IP camera from indoor monitor

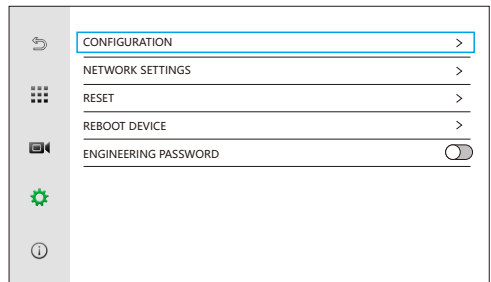
Click to enter setting interface of indoor monitor → Click → Click **CONFIGURATION** → Click **ADD NEW DEVICES** → Click which followed IP address of door station and camera on the right list to unbind corresponding devices as your needs.

REMARK:

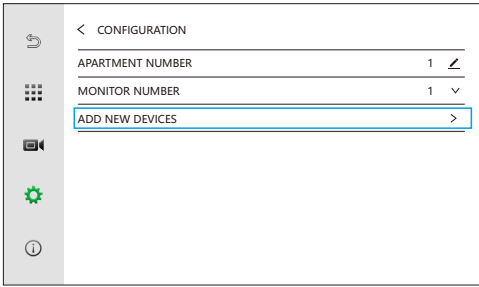
1. Unbind the door station or reset the door station to resume the factory default password.
2. If you remove the single-family door station unit without turning off the power, the door station will automatically reconnect to the indoor monitor when it restarts.



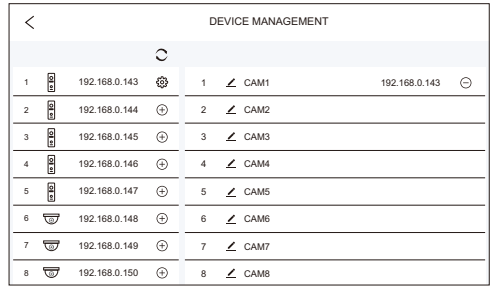
Picture 1



Picture 2



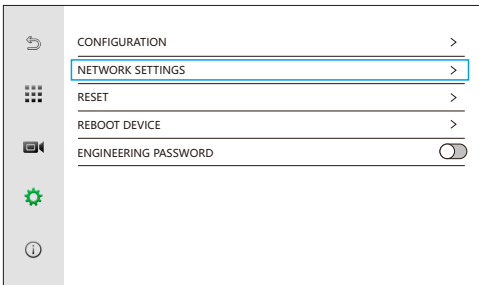
Picture 3



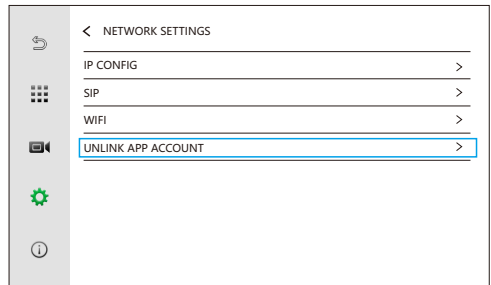
Picture 4

2. Unbind app account

Step 1: Click to enter setting interface of indoor monitor → Click → Click **NETWORK SETTINGS** → Click **UNLINK APP ACCOUNT** → Click **YES**.

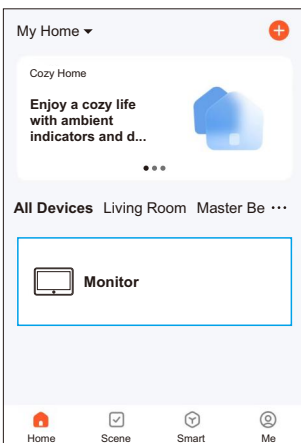


Picture 1

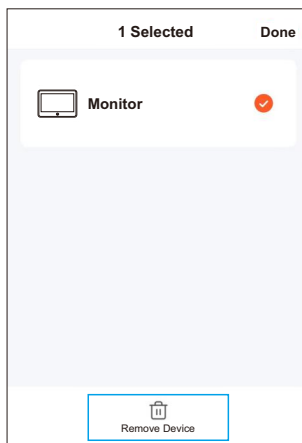


Picture 2

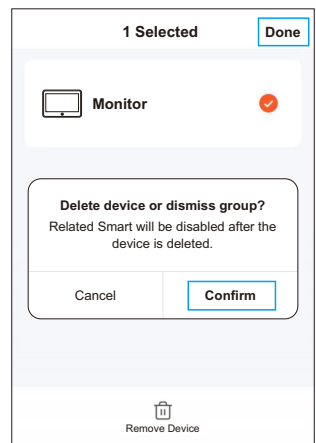
Step 2: Enter the **Tuya Smart** app to remove the device. Press and hold the device you wish to remove on the main page → select **Remove Device** → Click **Confirm** in the pop-up window → **Done**.



Picture 1





Picture 2



Picture 3


Reset operation

Click  in the main interface of indoor monitor to enter setting interface → Click  → Click **RESET**.

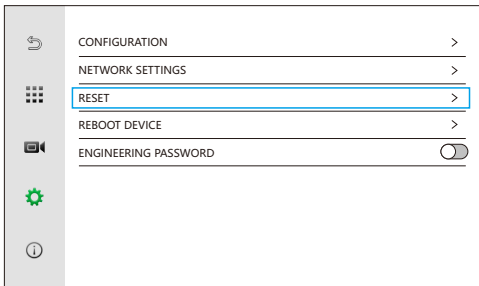
1. Click **RESET SETTINGS** → click **YES**, The indoor monitor will reset all settings except for the language, apartment number, added devices (door station, camera), app account, and all photos in the inner memory of the monitor.

2. To reset factory settings:

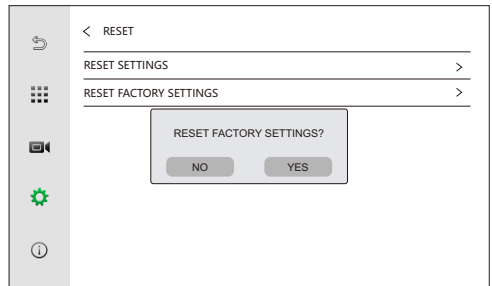
Step 1: Click **RESET FACTORY SETTINGS** → click **YES** and all data except the app account will be restored to factory settings.

Step 2: Wired connection **Tuya Smart** app. Add Device /  → Camera & Lock → Smart Doorbell → QR Code for Camera ⇌ → Cable → Next → Add → Done.

Step 3: Press and hold the device you wish to remove on the main page of **Tuya Smart** app → select **Remove Device** → Click **Confirm** in the pop-up window → **Done**.



Picture 1



Picture 2

Installation

1. Connect wires according to relevant wiring diagram and check whether the power supply meet requirements.
2. Ensure devices is powered off before installation finished.
3. Determine the monitor installation position: suggest installation height is 1.5~1.6m.
4. Install the bracket on the wall. To remove the wall bracket from the monitor - slide the bracket upwards.
5. Fix the indoor monitor onto the bracket. To put the monitor on the bracket - insert the guides and slide the monitor down.
6. Turn on the power after complete installation.

