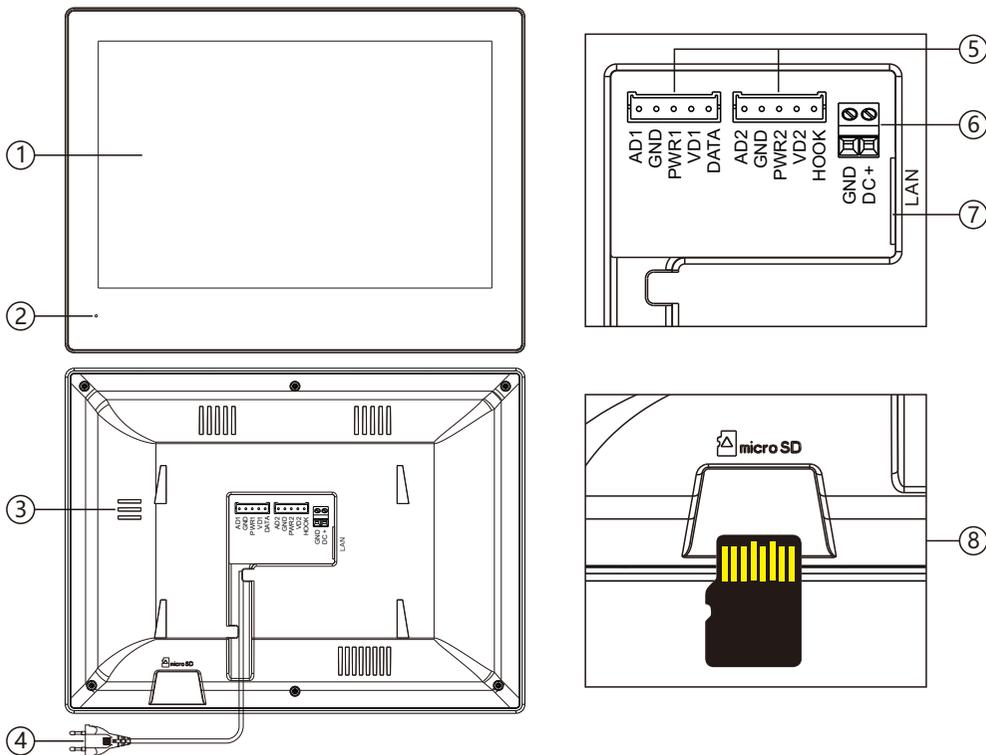


Appearance description



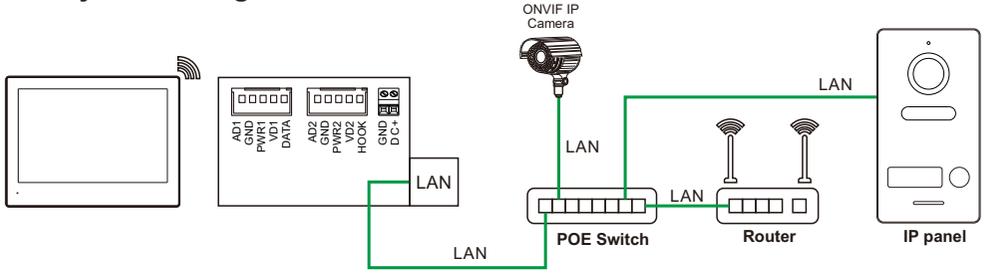
No.	Name	Description
1	Screen	8" screen
2	MIC	Microphone
3	Speaker	Loudspeaker
4	Power supply	Input AC100-240V (Optional)
5	Terminals	Analog DOOR 1 & DOOR 2
6	DC power supply	DC12-15V, 12W
7	Ethernet port	Network interface
8	Micro SD card slot	Max.512GB (Class 10, FAT32)

About the guide

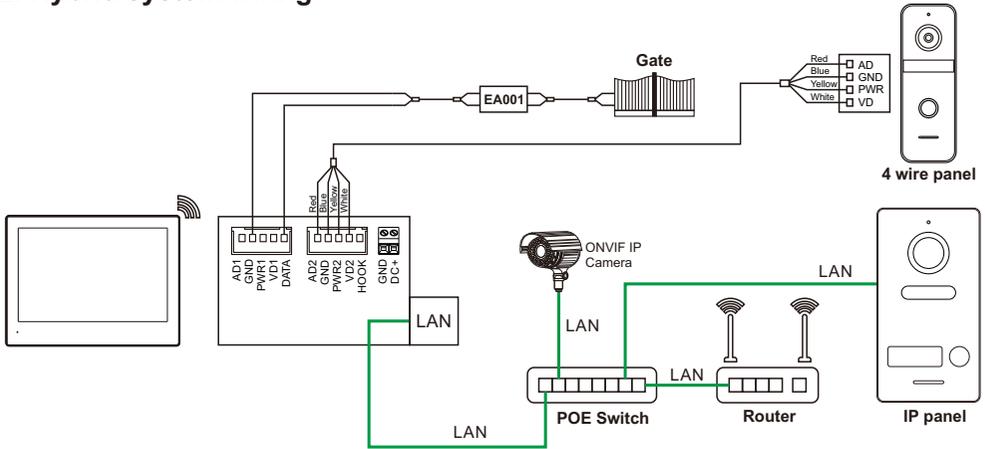
- The guide serves as a reference document and should not be taken as the sole source of information about the product.
- The actual product should always be consulted to verify any details or specifications.
- We assume no liability for any losses incurred due to actions that do not adhere to the guidelines 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.

Wiring diagram

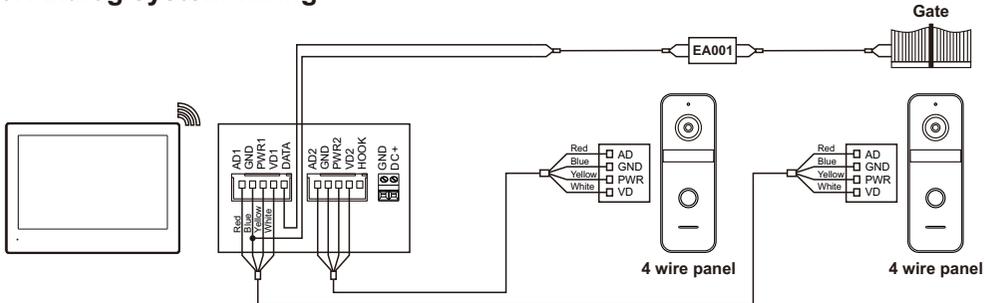
1. IP system wiring

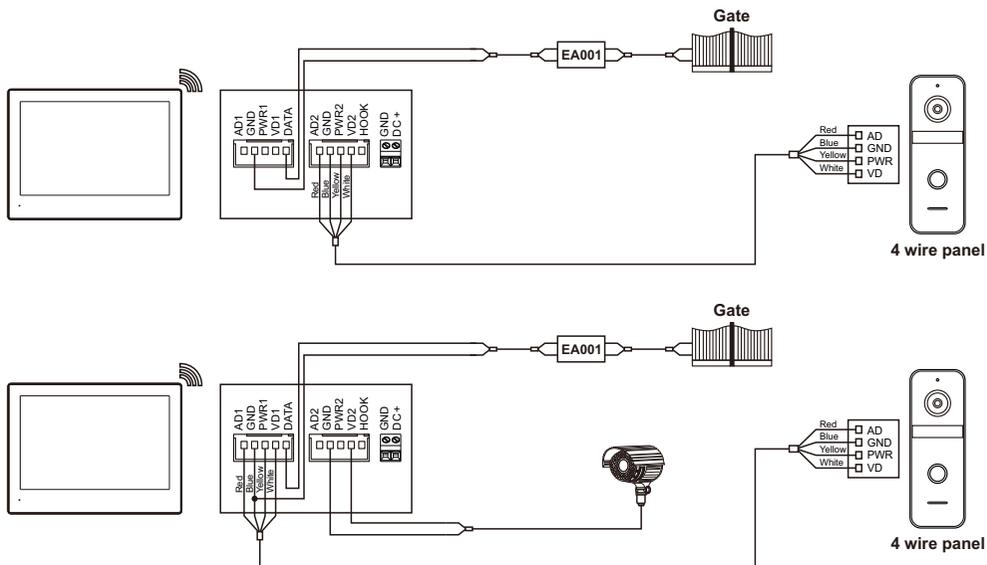


2. Hybrid system wiring



3. Analog system wiring





4. Cable reference

Cable	Monitor to Panel (Max. distance)	Cable specification
SYV-75-7 + RVV4x0.75mm ²	100m	
SYV-75-5 + RVV4x0.5mm ²	30m	
CAT 6	15m	

Note:

1. A family can connect to a maximum of 2 analog devices. It is recommended to use AHD-1080P door station. When connecting to an analog device, the maximum number of IP door stations and cameras that can be connected is 7.
2. When the analog device is not connected, the maximum number of IP door stations and cameras that can be connected is 8.
3. The maximum number of indoor monitors that can be connected is 10.
4. Power supply: POE IEEE 802.3AF / DC12-15V,12W / 220V (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**.

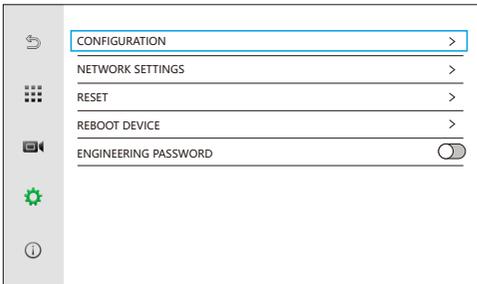
Step 2: Click on the door station or camera to be added to the device list, as shown in Picture 3. The door station or camera can be successfully added to the indoor monitor.

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

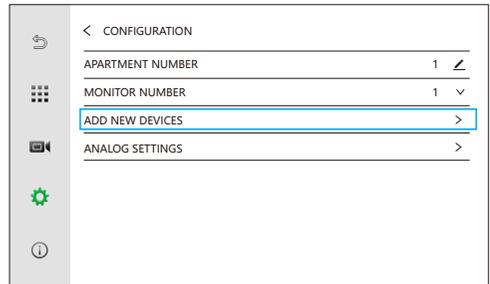
Step 4: After successfully adding the door station or camera, the device address will be displayed in the list on the right, as shown in Picture 4.

Note:

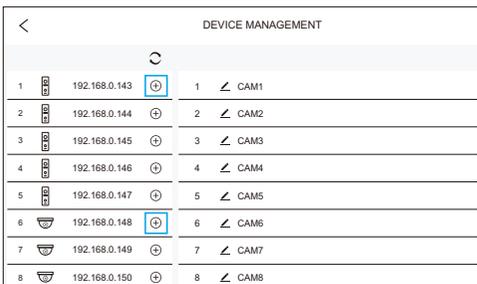
1. The video camera must have ONVIF protocol. Ask your distributor about the Mainstream and Substream of the camera.
2. For indoor monitor WiFi connection, follow these steps (**1.3 WiFi connection, Page 5**).



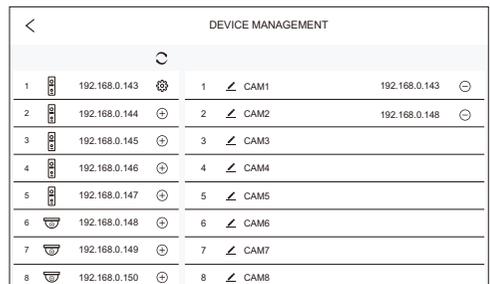
Picture 1



Picture 2



Picture 3



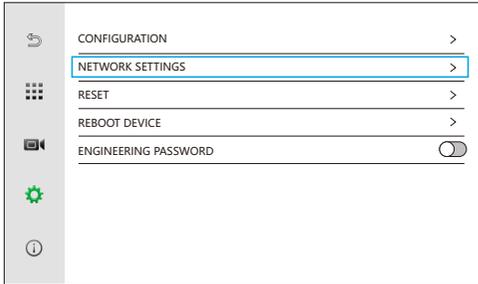
Picture 4

1.3 WiFi connection

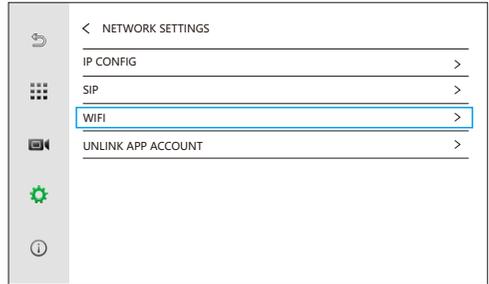
The steps to connect the indoor monitor to WiFi are as follows:

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

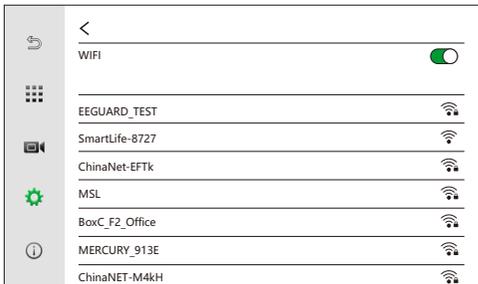
Step 2: After turning on WiFi, the WiFi list will pop up. Click the WiFi name in the list and enter the password to connect to WiFi, as shown in Picture 3 and 4.



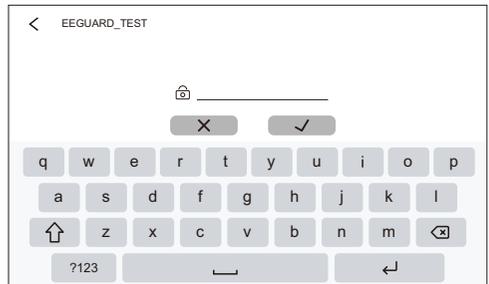
Picture 1



Picture 2



Picture 3



Picture 4

1.4 Configure analog door station or camera

Click  on the main interface → click  → click **CONFIGURATION** → click **ANALOG SETTINGS** → select the number of **ANALOG DEVICE**.

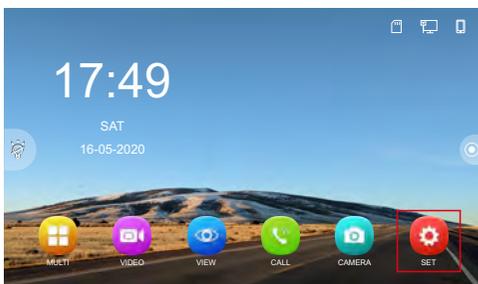
Number of **ANALOG DEVICE**:

0: Analog door station or camera of DOOR1 and DOOR2 are not activated.

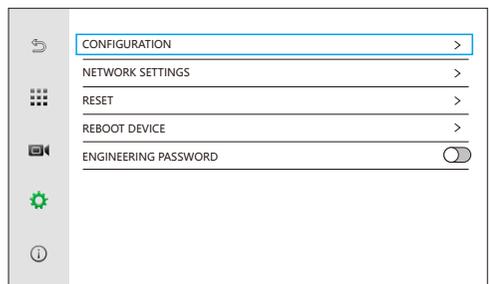
1: Analog door station or camera of DOOR1 is activated.

2: DOOR1 and DOOR2 port are activated.

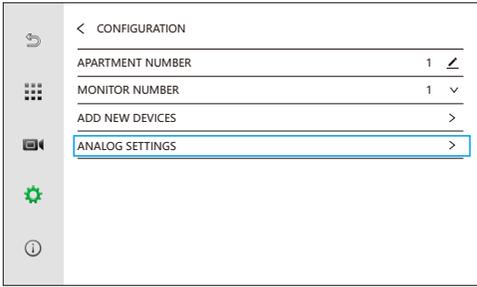
Note: After the number of **ANALOG DEVICE** is set to 1 or 2, regardless of whether the analog door station is connected or not, the first split of the 4 splits will be occupied.



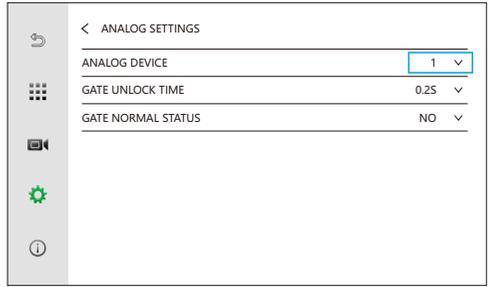
Picture 1



Picture 2



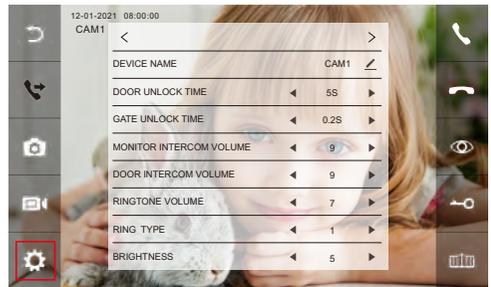
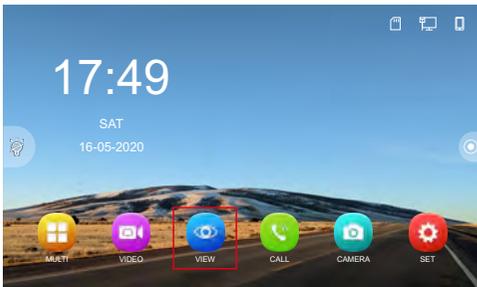
Picture 3



Picture 4

1.5 Channel administration

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



1.5.1 Table of IP door station

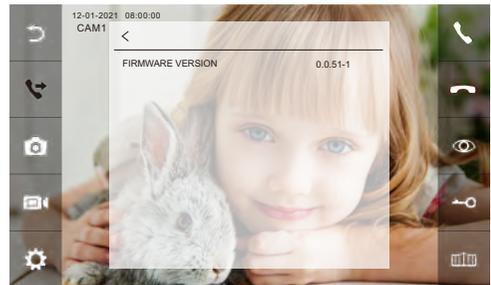
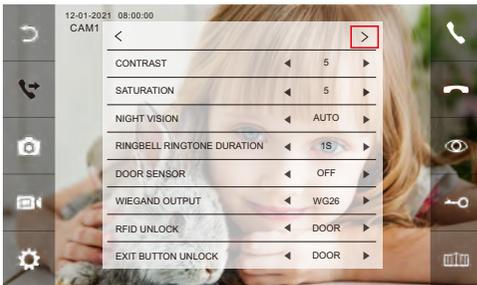


Table of contents	Selection	Note
DEVICE NAME		Modify the display name of the door station in the indoor monitor.
DOOR UNLOCK TIME	1-19S	The door unlock time can be set to 1-19S. The default unlock time is 5S.
GATE UNLOCK TIME	0.2-5S	The gate unlock time can be set to 0.2-5S. The default unlock time is 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.

Table of contents	Selection	Note
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
RFID UNLOCK (Only available for door station has this function.)	DOOR	Swipe RFID card to unlock the door.
	GATE	Swipe RFID card to unlock the gate.
EXIT BUTTON UNLOCK (Only available for door station has this function.)	DOOR	Press exit button to unlock the door.
	GATE	Press exit button to unlock the gate.
FIRMWARE VERSION		Firmware version of the door station.

1.5.2 Table of analog door station

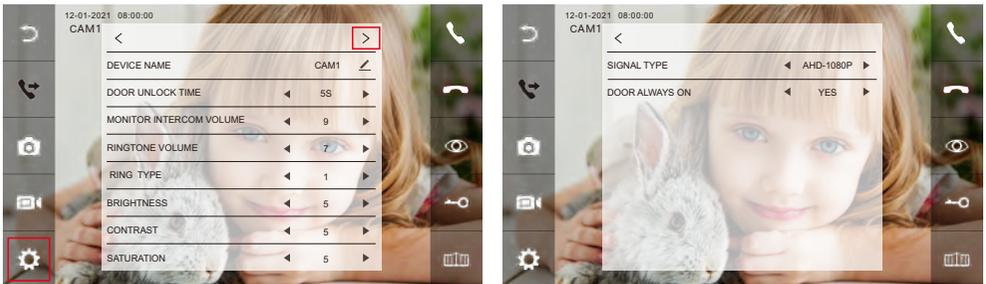


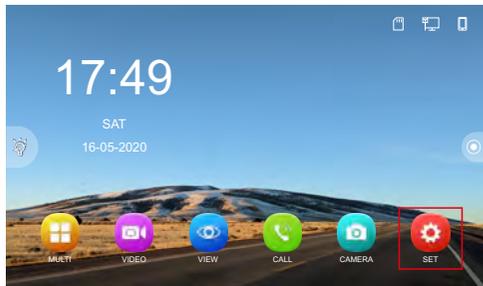
Table of contents	Selection	Note
DEVICE NAME		Modify the display name of the door station in the indoor monitor.
DOOR UNLOCK TIME	1-19S	The door unlock time can be set to 1-19S. The default unlock time is 5S.
MONITOR INTERCOM VOLUME	0-9	Adjust the volume of the speaker of the indoor monitor.
RINGTONE 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

SIGNAL TYPE	Default video input: AHD-1080P (recommended for AHD-1080P). Options: AHD-1080P/TVI-1080P/CVBS/AUTO. Important: Ensure the video input matches your door station's compatibility. Incorrect settings may cause video issues.	
DOOR ALWAYS ON	YES	The door station is always powered on.
	NO	The power supply is only available for WATCH / INTERCOM / DVR.

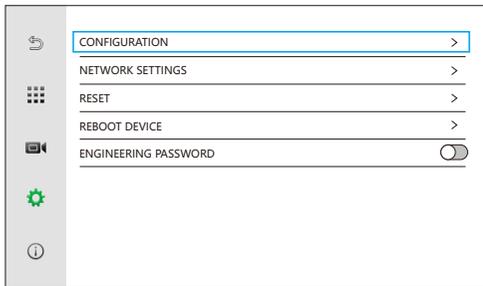
1.6 Configure gate unlock time of analog door station

The gate unlock time from the analog door station needs to be set as per the steps:

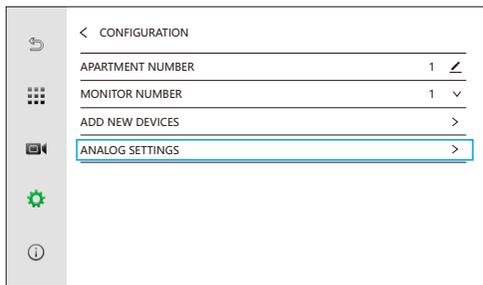
Click  → Click  → **CONFIGURATION** → **ANALOG SETTINGS** → **GATE UNLOCK TIME**.



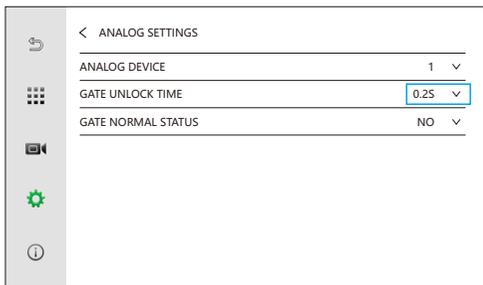
Picture 1



Picture 2



Picture 3



Picture 4

2. Configuring the door station to NVR

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

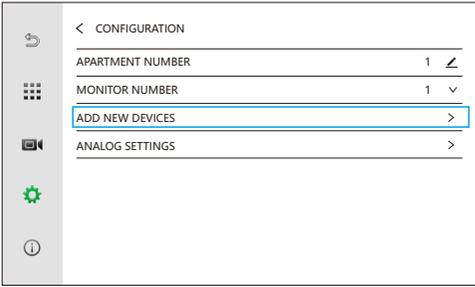
Step 2: Enter the “RTSP” interface to enter the setting interface as picture 3, 4.

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

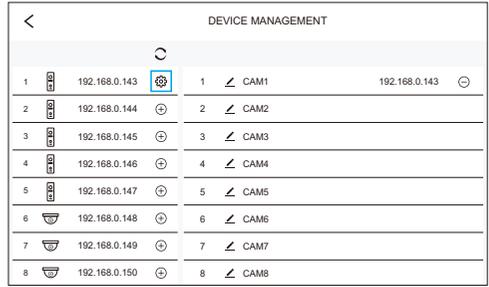
Step 4: The user can add the door station to the NVR through the MainStream and SubStream addresses of the door station, as shown in the picture 4.

REMARK:

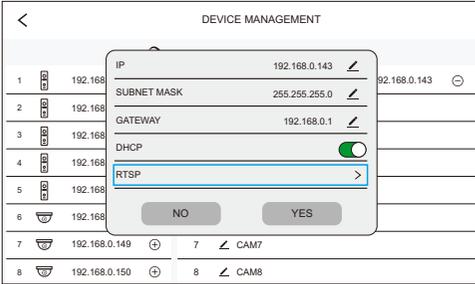
1. Unbind the door station or resetting the door station to resume the factory default password.
2. This function requires the door station is IP door station. To ensure IP address of the door station to the same network segment as the NVR.



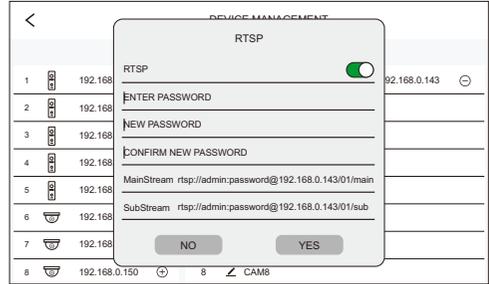
Picture 1



Picture 2



Picture 3



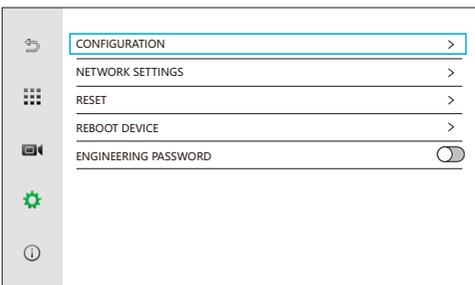
Picture 4

3. Configuring room setting

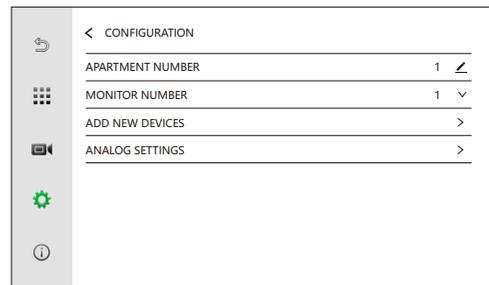
- (1) If only one door station and indoor monitor are connected, no need to set **APARTMENT NUMBER**.
- (2) The **MONITOR NUMBER** of the master monitor must be set to 1, and the extensions can be set to 2/3/4... , but two indoor monitors cannot set the same number.
- (3) In same family, set same **APARTMENT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

Eq: 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

4. Connect wireless chime (Optional)

Please refer to the steps below to connect the indoor monitor and wireless chime:

Step 1: Connect the wireless (RF433) chime to power.

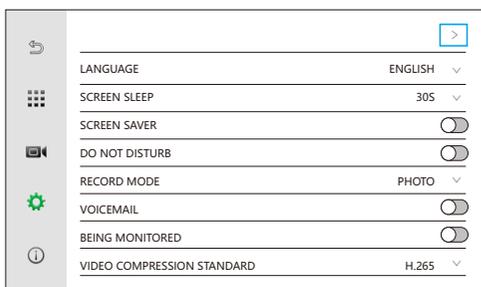
Step 2: Press and hold the pairing button on the chime until the music icon lights up.

Step 3: Click  in the main interface of indoor monitor → Click **PREFERENCE** → Click **WIRELESS DEVICE** → Click .

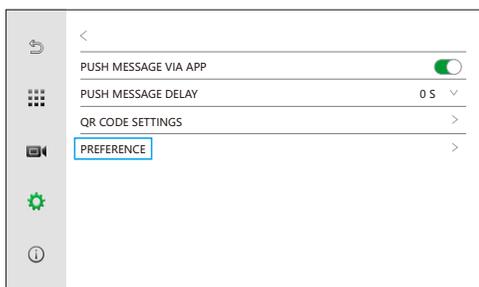
The chime will emit a sound to indicate that it has been paired with the indoor monitor.

To unbind the wireless chime: Press and hold Volume button until plug into household socket for 5~10 seconds to erase all pairing memory, when Plug-in Chime LED indicator long light up that means setting successfully, thus program returns to default.

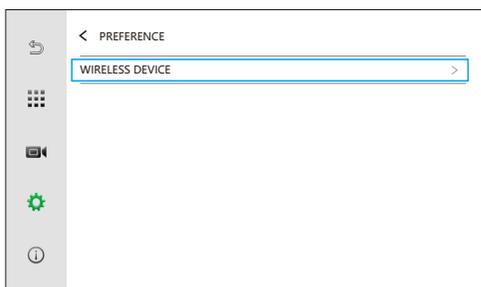
Note: Different chimes may have varying pairing methods. Please refer to the product manual for details.



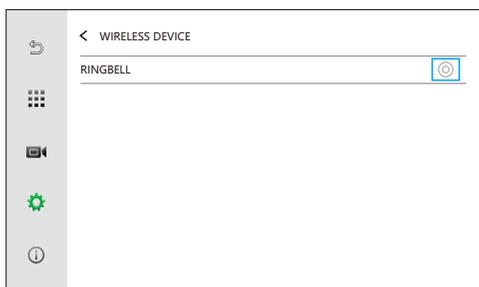
Picture 1



Picture 2



Picture 3



Picture 4

5. Configure QR Code Unlock

Ensure at least one door station is linked to the indoor monitor.

5.1 Generate the QR Code

Step 1: Enter settings and select **QR CODE SETTINGS** (Refer to Pictures 1 and 2).

Step 2: Enter the desired channel (CAM1/2/3/4) and click the  in the top right corner to access the QR code settings interface. You can create QR code unlock for DOOR or GATE (Refer to Pictures 3 and 4).

Step 3: QR Code Type Selection:

TYPE: **ONE-TIME** and **PERMANENT**. The default is **PERMANENT** (Refer to Picture 5).

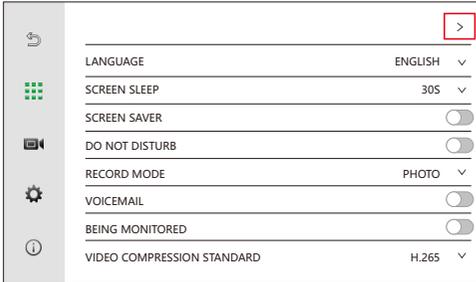
BEGIN TIME: The start time for the QR code's validity (Refer to Picture 5).

END TIME: The end time for the QR code's validity (Refer to Picture 5).

REPEAT: The default is "ALWAYS," meaning the QR code is valid from Monday to Sunday, and the weekday options are hidden (Refer to Picture 5).

CUSTOM: The options for Monday to Sunday appear. Selecting a day will turn its checkbox green (Refer to Pictures 6). You can also change the QR code name (Refer to Picture 7).

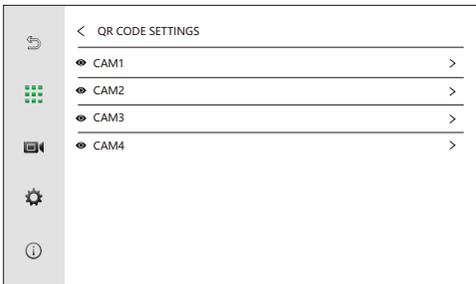
Step 4: After setup, click  save to be redirected to the QR code interface. You can also refresh the QR code by clicking  (Refer to Picture 8).



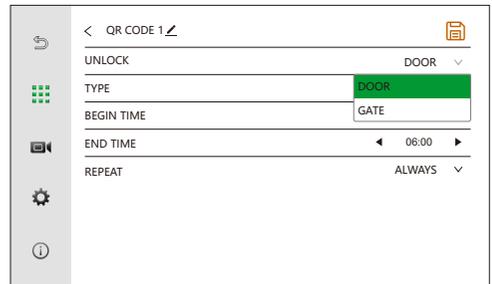
Picture 1



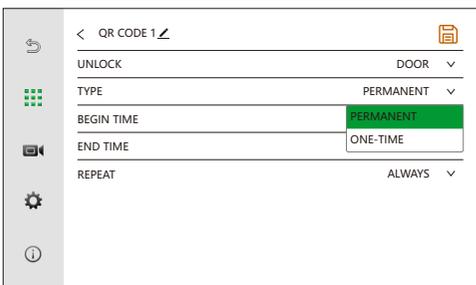
Picture 2



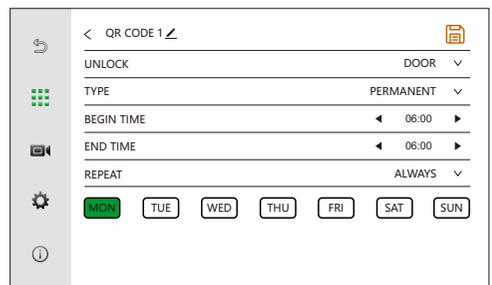
Picture 3



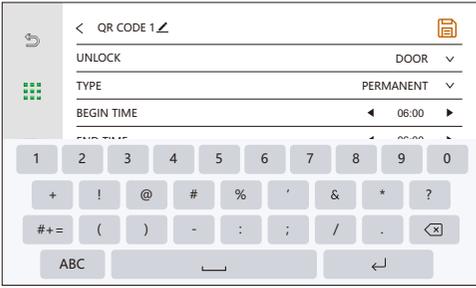
Picture 4



Picture 5



Picture 6



Picture 7



Picture 8

NOTE: When set to ONE-TIME, only start and end times are available (Ref. to Picture 9). After use, a one-time QR code shows an "X" when viewed (Ref. to Picture 10).



Picture 9



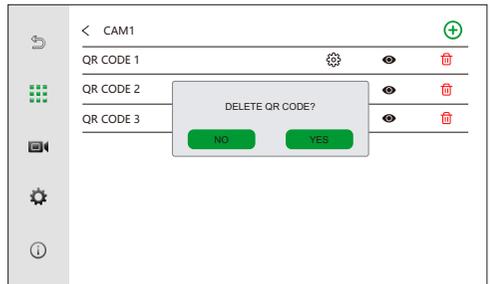
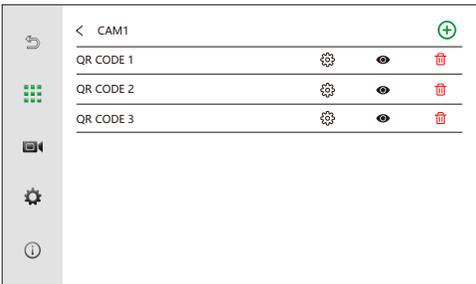
Picture 10

5.2 Transfer to Mobile

You can save or refresh the QR code to upload the image to the app's message center or capture it and save it to your photo album for easy access.

5.3 Delete the QR code

Locate the QR code in the appropriate channel, then click  icon to remove it.



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.

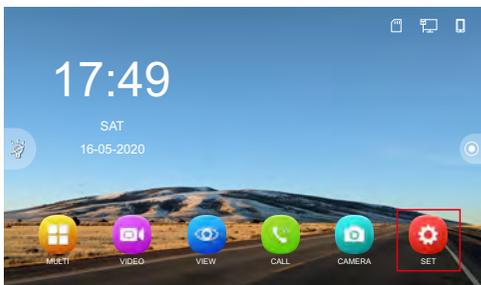
3. Connection

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

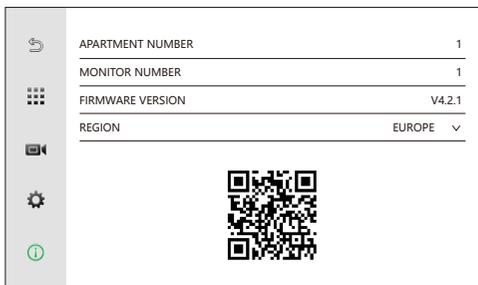
Option 1: Scanning QR code

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

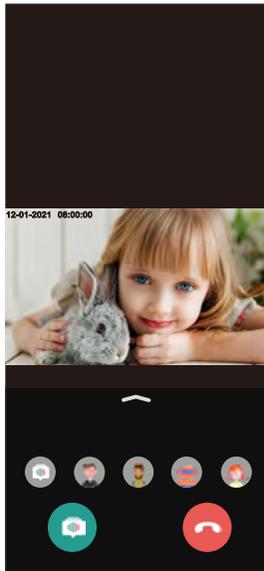
Click **Monitor** in the main interface of **Tuya Smart APP** → Click  → Basic Function Settings → Talk Mode → Two-Way Talk

5. Call and intercom

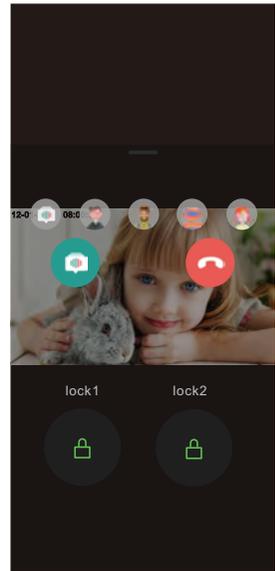
If there is a visitor calls in door station, all members of the family where the monitor is located on the app can get the call and unlock door for the visitor although they may not at home, if they happen to be on the interface of **Tuya Smart** app, they can receive a call interface with video push, besides, they can also click the notification from **Tuya Smart** app to jump to the call interface.



Picture 1



Picture 2



Picture 3

1. Click  to talk with the visitor.
2. If no one answers after chime time ends, the calling will be automatically hung up .
3. Click  , you can see  , click different one and you can have different voice,the first one is original soundtrack.
4. At ringing or answering state, swipe up  ,click  lock1 to unlock the door.
5. Click  lock2 to unlock the gate.
6. Swipe down  to collapse the unlock panel.
7. Click  to hung up the calling or 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

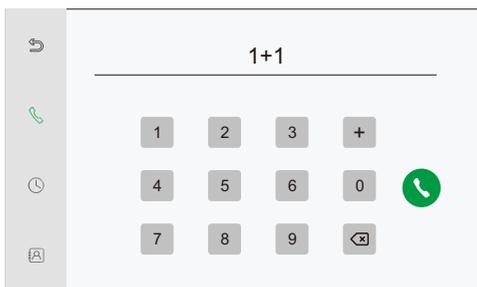
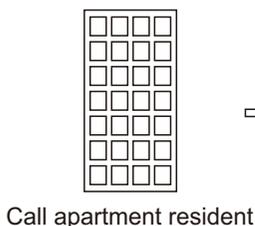
1. Click  to talk with the visitor. Click  to transfer the call to other indoor monitors. Before another indoor monitor answer the call, Click  one more time to talk with the visitor again.
2. If no one answers after chime time ends, indoor monitor will return to standby state .
3. At ringing or answering 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.



- (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.

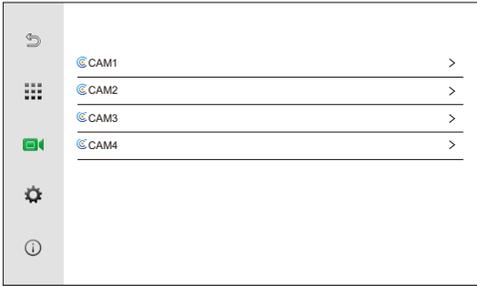
Individualized configuration

1. Video record setting

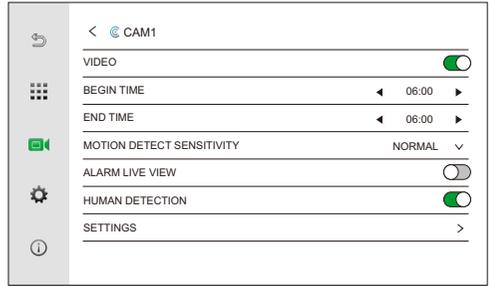
Click  in the main interface of the indoor monitor to enter setting interface, then click  to enter video interface, which displays 4 channels by default. Click CAM1/2/3/4 to enter video setting interface.

Note:

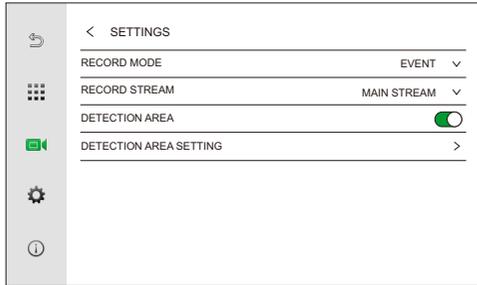
1. When the number of analog devices is not 0, you can only set the video record of the device connected to port DOOR1.
2. This feature does not work for systems in apartment buildings.



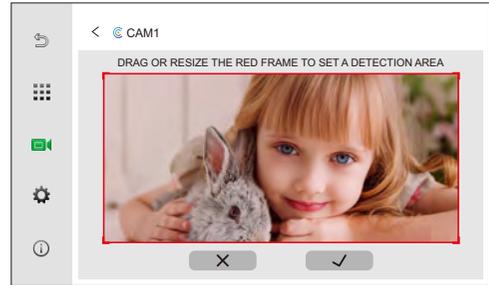
Picture 1



Picture 2



Picture 3



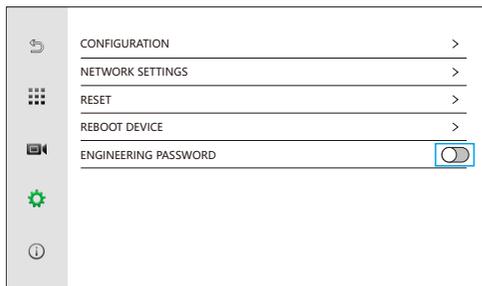
Picture 4

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 (picture 4).						

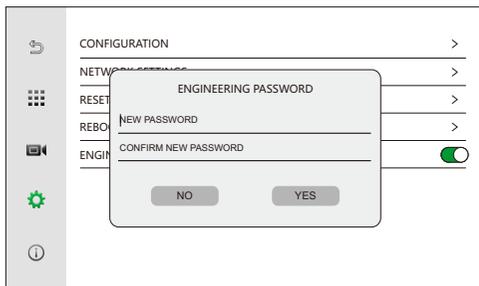
Password setting

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.



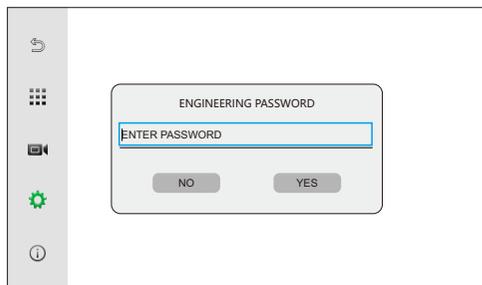
Picture 1



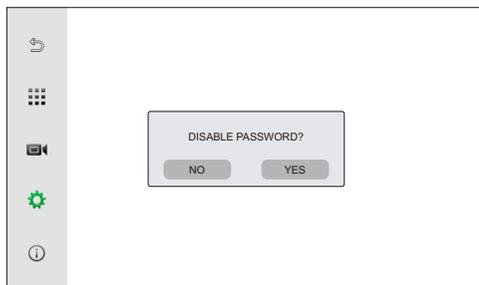
Picture 2

2. Disable engineering password

Click  in the main interface of indoor monitor → Click  → Long press the input field until screen display **DISABLE PASSWORD** as Picture 2 → Click **YES**, then **ENGINEERING PASSWORD** turned off.



Picture 1



Picture 2

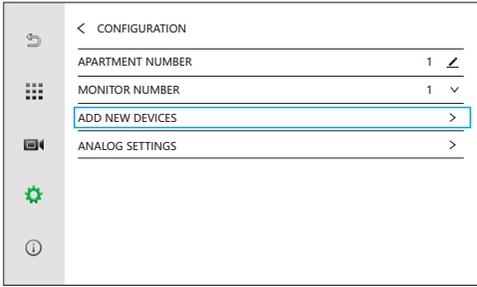
Unbind devices

1. Unbind IP door station / camera from indoor monitor

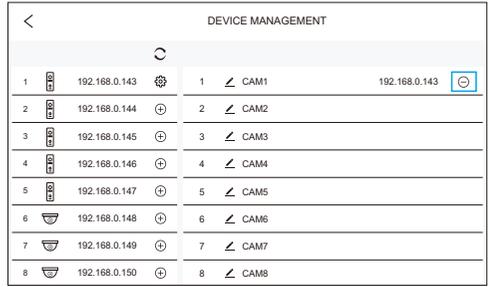
Click  to enter setting interface of indoor monitor → Click  → Click **CONFIGURATION** → Click **ADD NEW DEVICES** → Click  which followed IP address of door station and camera on the right list to unbind corresponding devices as your needs.

NOTE:

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

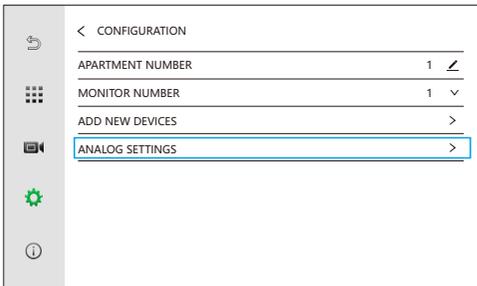


Picture 2

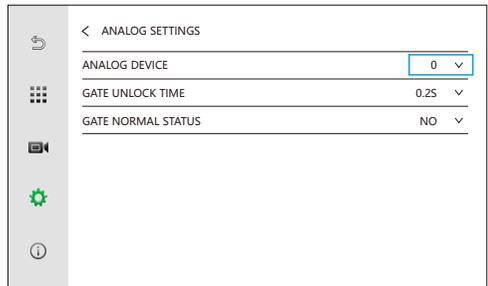
2. Unbind analog door station / camera from indoor monitor

After disconnecting the link between the analog door station / camera and indoor monitor, the door station / camera will unbind from the indoor monitor. But the channel is still held at the present.

If you require releasing the channel currently in use by the analog device. Click  in the main interface → Click  → Click **CONFIGURATION** → Click **ANALOG SETTINGS** → Set the **ANALOG DEVICE** to 0.



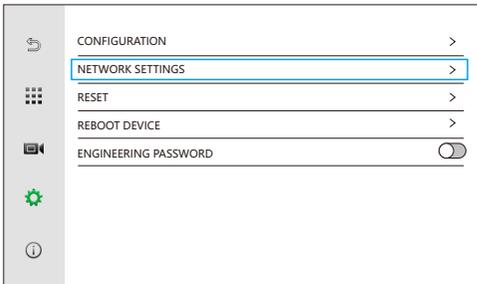
Picture 1



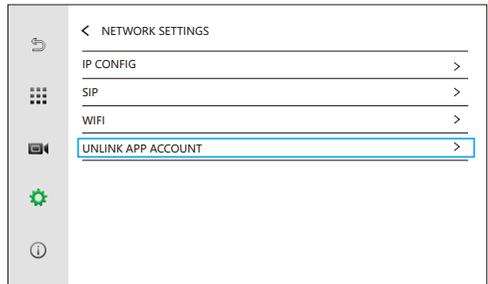
Picture 2

3. Unbind app account

Step 1: Enter the settings menu, and select **UNLINK APP ACCOUNT** to unbind the indoor monitor.

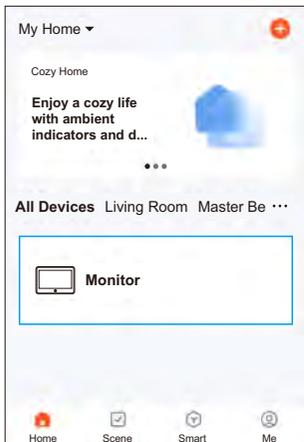


Picture 1



Picture 2

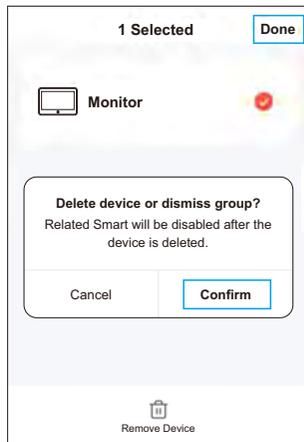
Step 2: Enter the **Tuya Smart** app to remove the device. Press and hold the device you wish to remove on the main page → select **Remove Device** → Click **Confirm** in the pop-up window → **Done**.



Picture 1



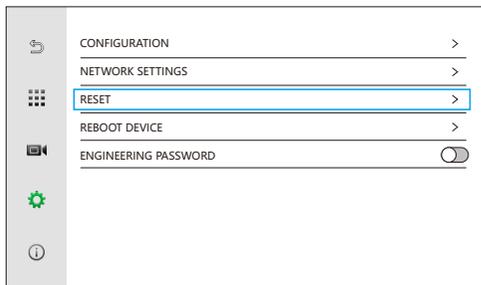
Picture 2



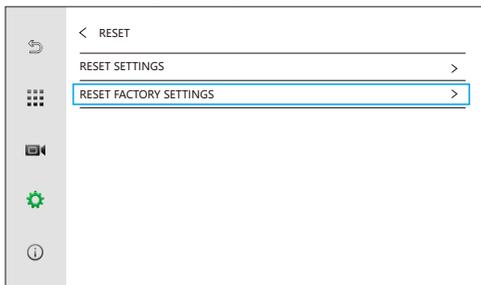
Picture 3

Restore factory settings

Step 1: Enter the settings menu, select **RESET** → click **RESET FACTORY SETTINGS**, all data except the app account will be restored to factory settings.



Picture 1



Picture 2

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**.

Installation guide

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.

