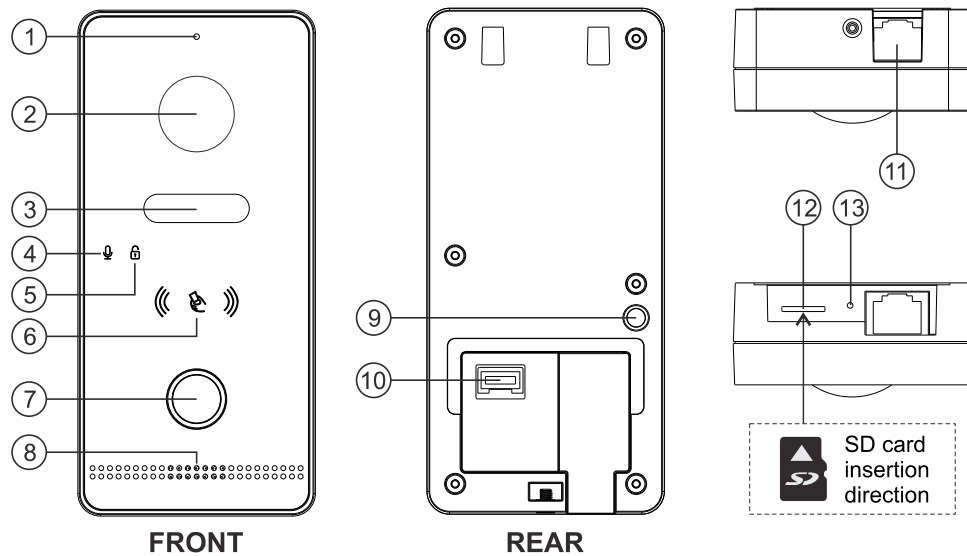
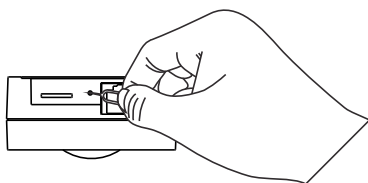


1. Product information



- | | | |
|--------------------|----------------------|----------------------|
| ① Microphone | ⑥ Card read area | ⑪ LAN |
| ② Camera | ⑦ Call button | ⑫ Micro SD card slot |
| ③ Night vision | ⑧ Speaker | ⑬ Reset button |
| ④ Talk indicator | ⑨ Anti-tamper button | |
| ⑤ Unlock indicator | ⑩ Terminal | |

Reset button operation



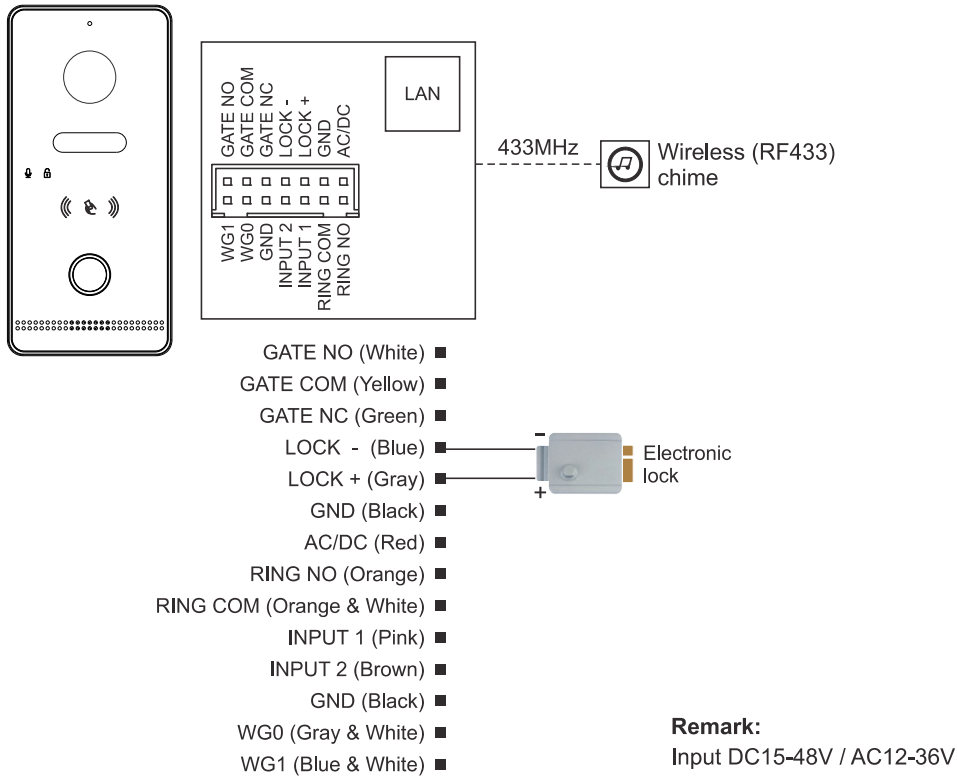
Note:

To restore factory settings, press and hold the RESET button until the light turns on and a beep is heard.

Note

- Thank you for purchasing our products.
- The products are subject to change without prior notice.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.
- Please carefully read this user's guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The guide is for reference only. if there is inconsistency between the guide and the actual product, the actual product shall prevail.

2. Wiring diagram



Lock connection:

Connect lock directly to terminals LOCK- and LOCK+ on the back of the intercom door station. For wiring, refer to the label on the back of the intercom door station.

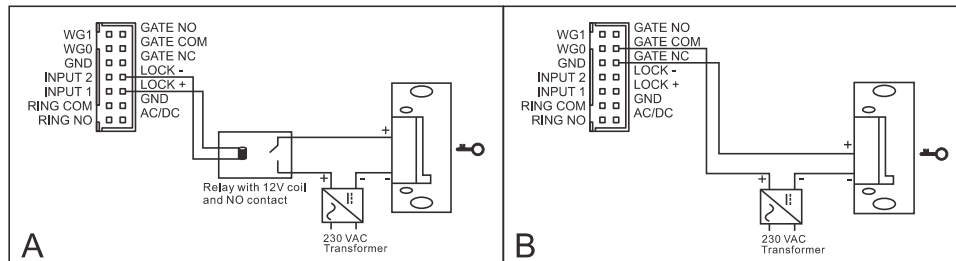
Note:

To ensure that the electric strike plate or lock can be unlocked by the door station, you should meet the following two conditions:

1. The electric strike plate or lock that you order must have a mechanical memory.

2. The power supply to the electric strike plate or lock must not exceed 12V/0.7A.

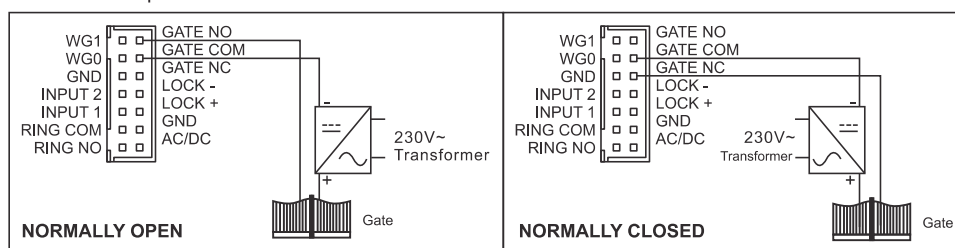
If the power supply to the electric strike plate or lock exceeds 12V/0.7A, it is necessary to connect an external 12V power supply according to the diagram A, or diagram B - in this case.



Gate connection:

Directly connect the gate motor wires to terminals GATE COM and GATE NC (or GATE NO - check with the gate manufacturer) on the back of the intercom door station. The external door station provides a "dry" - contact connection, without an electric current. You should meet the following conditions:

1. The external power supply must be matched to the door opener.
2. The door opener is limited to 30V, the current consumption may be a maximum of 4A.
3. This door opener is activated via the " " on the monitor.



Wiegand controller wiring

To connect the wiegand controller, connect the wires of the wiegand controller to terminals INPUT 2, GND, WG0 and WG1 on the back of the door station. Ports on Wiegand controllers are detailed in the corresponding product specifications.



Door contact wiring

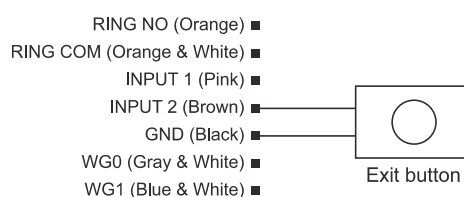
To connect the door contact, connect the wires to terminals INPUT 1 and GND on the back of the door station.



Exit button wiring

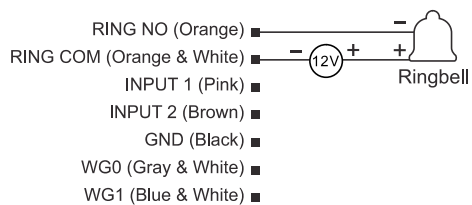
To connect the exit button, connect the wires to terminals INPUT 2 and GND on the back of the door station.

Note: When connect the wiegand controller, the exit button is connect to the controller.

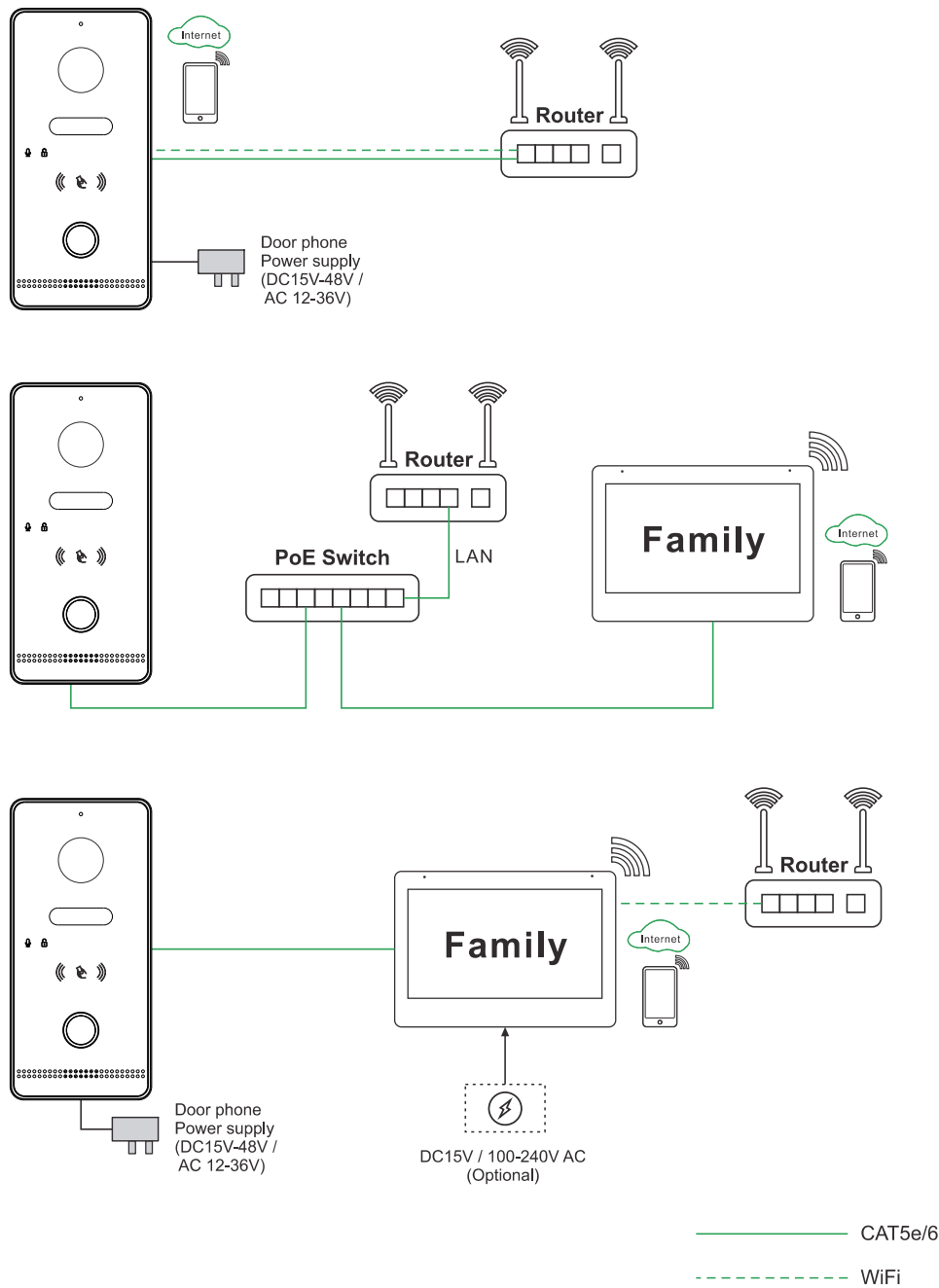


Ringbell wiring

To connect the ringbell, connect the RING NO port of the door station to the negative terminal of the ringbell, the RING COM port to the negative terminal of the 12V power supply, and connect the positive terminal of the 12V power supply to the positive terminal of the ringbell.



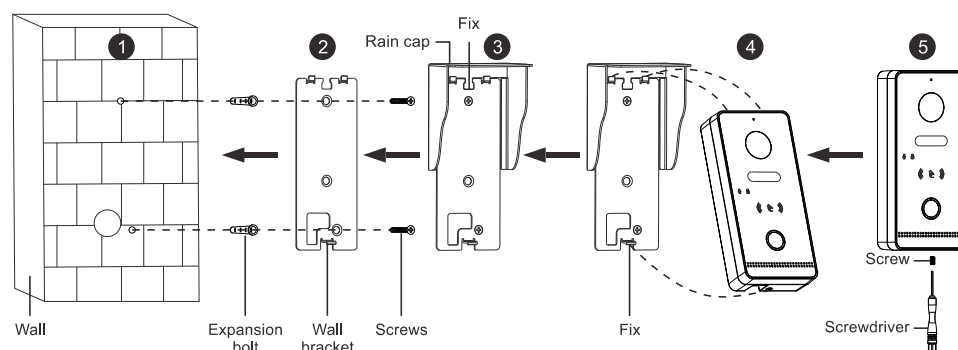
4. System wiring diagram



5. Installation guide

1. Drill screw and cable holes according to the wall bracket.
2. Secure the wall bracket on the wall with 2 fixing screws according to the screw holes.
3. Install the rain cover on the wall bracket.
4. Install the door station to the wall bracket.
5. Fix the device on the wall bracket with the machine screw.

Remark: Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended.



6. Connect wireless doorbell

Please refer to the steps below to connect the door station 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: Press the call button on the door station.

The chime will emit a sound to indicate that it has been paired with the door station. Once the door station and wireless (RF433) chime are paired, they will automatically connect whenever the door station is pressed.

To unbind the wireless doorbell: 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.

7. Device basic configuration

7.1 Card management

IMPORTANT:

After the door station is switched on for the first time, short press the "RESET" button. The button light will blink and the speaker will beep. When you swipe an RFID card, a beep will confirm successful authorization as a master card. The master card cannot unlock the door but is necessary for adding or removing user cards. Keep it safe for future use.

7.1.1 User card registration

Swipe the master card 1 time, then swipe another RFID card, this will be added as a user card. You can continue to swipe other RFID cards to add more user cards. Swipe the added user card again to exit the setting mode when you're done.

7.1.2 Deleting master and user cards

- a. Swipe the master card 4 times in a row, and all user cards and the master card will be deleted, the button backlight will keep blinking and the loudspeaker keeps the beep sound again.
- b. If the master card is lost, pressing the "RESET" button on the rear side can also delete the master card and all user cards.

Note:

- You can register up to 1000 user cards with the door station.
- The card reading distance is less than 2cm.
- The door station will exit from setting mode automatically when there is no operation in 30 seconds.

7.2 RFID unlock

To unlock the door: In standby mode, when a valid card is swiped, the lock will open for 5 seconds by default

To open the gate: Use the monitor or smartphone APP.

7.3 Wiegand controller

- The door station can only be used as a Wiegand card reader. The lock is controlled by the Wiegand manager device.
- To enable indoor monitor or app unlocking control, a card registered on the Wiegand manager device needs to be registered as a manager card. This management card cannot be used as a user card to open the door.
- For the first use, the buzzer will sound continuously. The user swipes any Wiegand device registered card on the door station, and upon hearing a beep, it indicates successful card registration and waits for 30 seconds before exiting the card reading mode.

Note: If the door station has registered the management card before connecting the Wiegand manager device, you need to reset the door station and then follow the above steps.

8. APP configuration

8.1 Install the APP

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

8.2 Apply account

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

8.3 APP configuration guide

8.3.1 Connection method

1. Wired connection

Steps: Add Device /  → Camera & Lock → Smart Doorbell → QR Code for Camera ⇌ → Cable → Next → Done

2. WiFi connection

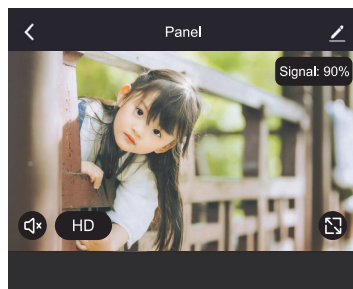
Steps: Add Device /  → Camera & Lock → Smart Doorbell → QR Code for Camera ⇌ → Wi-Fi Mode → Next → AP Mode → Input WiFi Password → Next → Smartlife_XXXX → Done

Remark:

1. Before configuring, please make sure all devices are in the same IP segment.
2. When the door station is connected with a cable, the button backlight will flash red. Once connected successfully, the red flashing will stop.
3. If the door station is connected via WiFi, the button backlight will flash blue. Once connected successfully, the blue flashing will stop. Ensure that the WiFi signal strength is at least 60% for the app to function correctly.
4. To switch from a wired connection to WiFi, unbind the door station first, unplug the cable, and the door station will restart. After the restart, bind the mobile again.
5. To switch from WiFi to a wired connection, simply connect the door station to the router using a cable.

8.4 Elements of a mobile application

The following options are available on the screen: image quality, mute speaker, maximize screen, enter the Settings menu, and connection signal strength. Save photos and record videos.



Enter the "Settings" menu



Quality of the monitor's connection to the router



Expand to full screen



Setting the video quality (SD or HD)

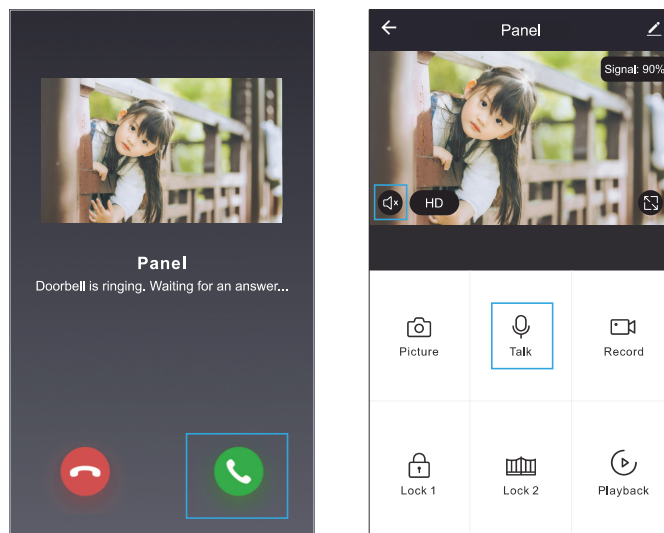


Turning on and off the speaker

8.5 Talk and listen mode

If you are not in the app, when a call comes in from the monitor panel with a call forwarding to your phone, a push notification will appear on your smartphone, and clicking on it will open a window with the visitor's video. If you are in the app and a call is in progress, you can answer the call by pressing the  button.

In the window that opens, click on the icon  to start a talk. By clicking on the icon , you can turn on or off the speaker on the door station (where the visitor is located). To end the talk, click on the icon  again or close the application.



In talk mode, you can change the video quality, take a photo of the visitor, shoot videos, open doors or gates (administrator rights), or switch between video channels.

Note:

The quality of the connection depends on the quality of the connection between the door station and the router. Should also take into account the congestion of the Wi-Fi network in the place where the router and door station are installed. In addition, the internet in phone must be at least 4G.

8.6 Add user

All members of your family can use the device.

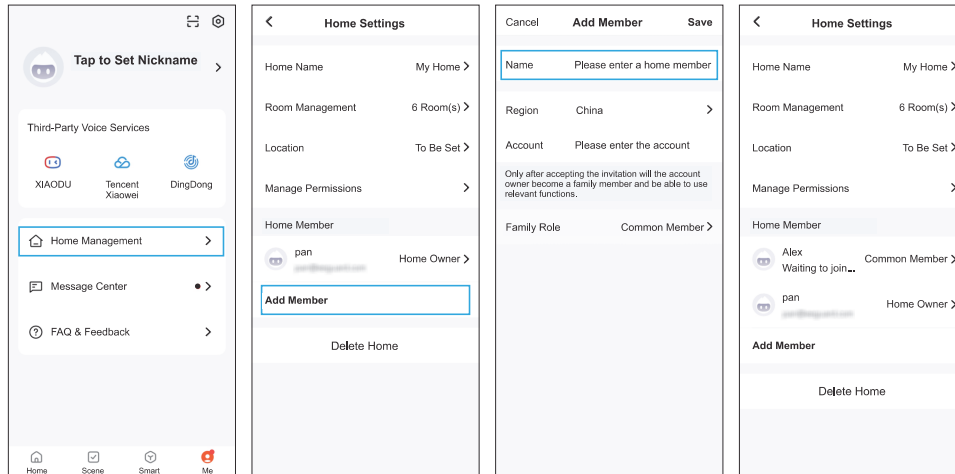
Important! The new user must install and register in the app.

8.6.1 Add a family member

To grant full access to a user, you need to create a home and add the user to this home.

After successful addition, the new user can use all devices connected to your home.

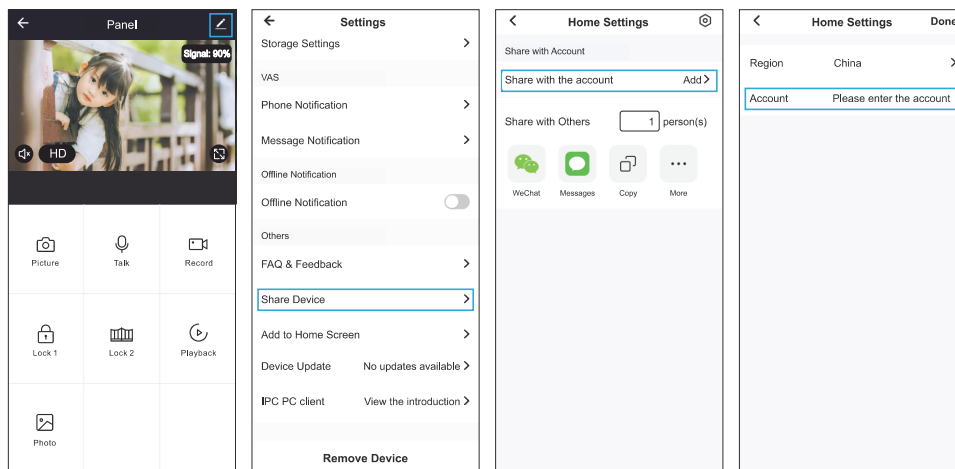
- Go to the home manager
- Click on my house and create your own home name
- Go to the created home
- Add a family member and select app account
- Create a name for the family member and enter their account
- After adding - the new family member must accept the entry in their mobile application



8.6.2 Add a user to a specific device

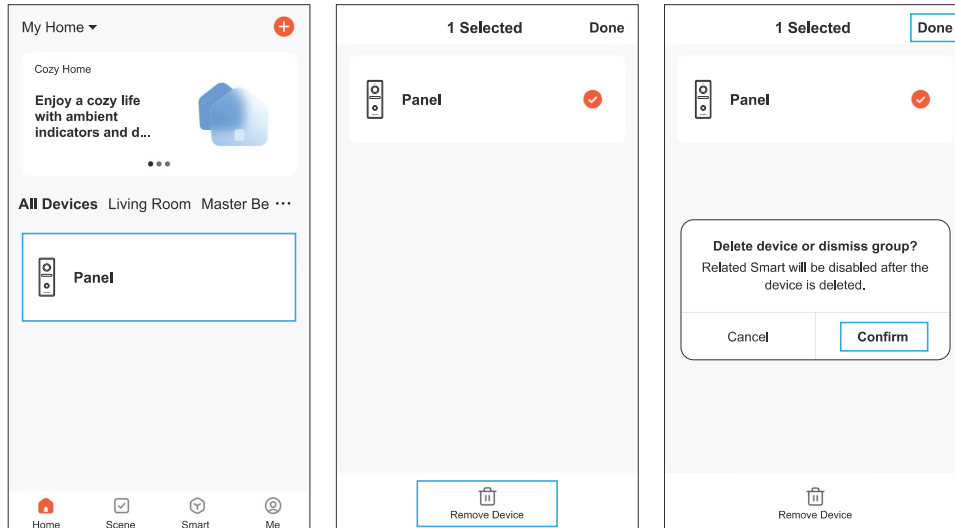
After successful addition, the new user will be able to use only the device to which access has been granted.

In the viewing mode, enter the settings menu → select **Share device** → select **Share with the account** → enter the APP account of the new user



8.7 Remove the device

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**.



9. Personalized configuration

There are some parameters of the door station can be personalized configured through the indoor monitor, product configuration tool or web page.

9.1 Configure the indoor monitor

9.1.1 Add the door station to the indoor monitor

When monitor and the door station are connected as wiring diagram, the door station and monitor will be automatically connected (this will happen 1-2 minutes after power is applied)

Add manually

After connected all devices according to the system wiring diagram and powered on, add the door station to the indoor monitor as following steps:

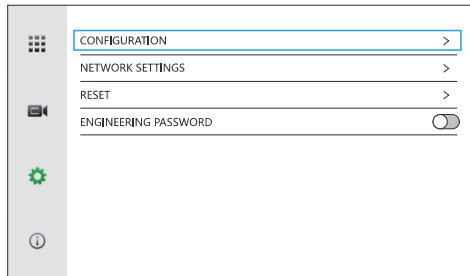
Step 1: Click  in the main interface of indoor monitor to enter setting interface → Click  → Click **CONFIGURATION** → Click **ADD NEW DEVICES** to enter **DEVICE MANAGEMENT** interface as picture 3.

Step 2: Click on the door station IP address column or  which to be added in the device list.

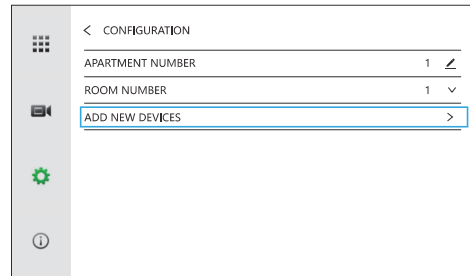
Step 3: After successfully adding the device address, the device address will be showed on the right as picture 4.

Remark:

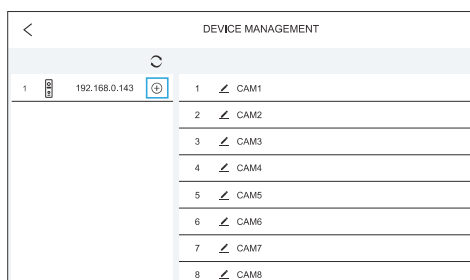
Please make sure monitor and door station are in the same local area network.



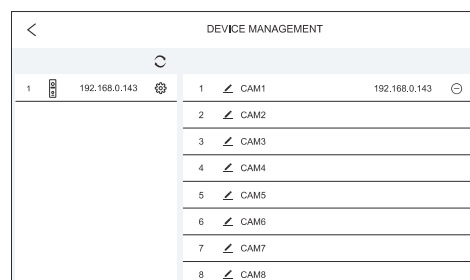
Picture 1



Picture 2



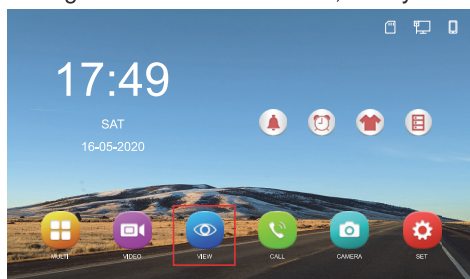
Picture 3



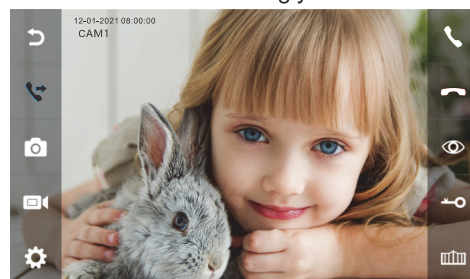
Picture 4

9.1.2 Channel administration

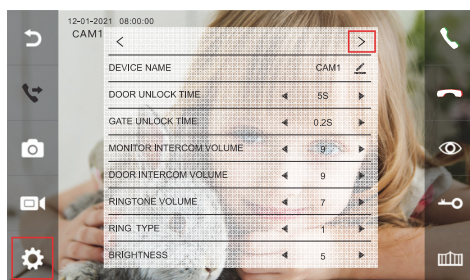
Click  in the main interface of indoor monitor, then click  on the left to enter the setting interface of door station, then you can set related items accordingly.



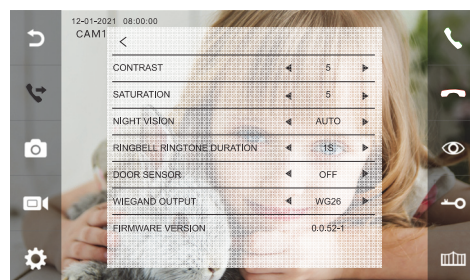
Picture 1



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	0-9S	Modify the duration of the chime's ringtone.
DOOR SENSOR	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	WG26	Wiegand 26 output
	WG34	Wiegand 34 output
FIRMWARE VERSION		Firmware version of the door station.

9.1.3 Configuring the door station to NVR

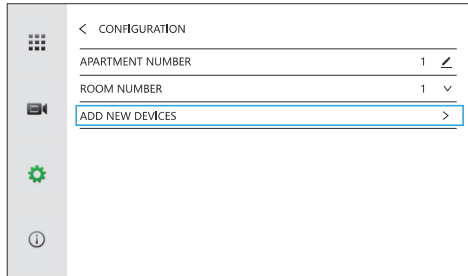
Before configuring, please make sure all devices are in the same IP segment and the compatibility between the door station and NVR.

To add the door station to a NVR, follow these steps:

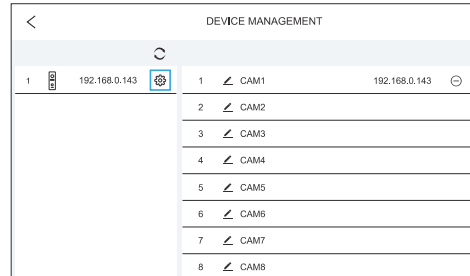
Step 1: Open and view RTSP video stream

- Please access the **DEVICE MANAGEMENT** menu on the indoor monitor and enter the **RTSP** settings as in pictures 3 and 4.
- The default password is **admin123**, users need to change to their own password, click **YES** to save.
- 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 3.

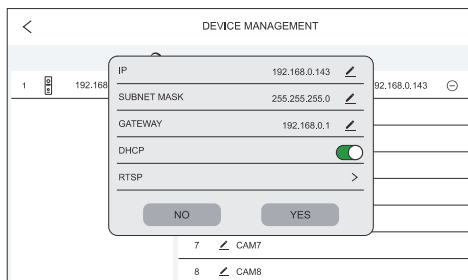
Remark: Unbind the door station or resetting the door station to resume the factory default password.



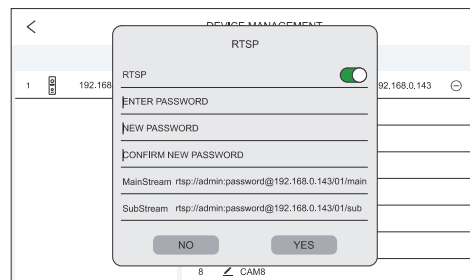
Picture 1



Picture 2



Picture 3



Picture 4

Step 2: Configure door station to NVR

- Enter the "Door Station Management" page on the NVR. This page may have different names on different brands of NVR.
- Input the IP address, port number, username and password of the door station.
- Configure any channel, stream type, resolution and frame rate settings you want for the door station.
- After the addition is successful, the NVR and the door station are successfully bound. door station can be monitored and managed in real time on the NVR.

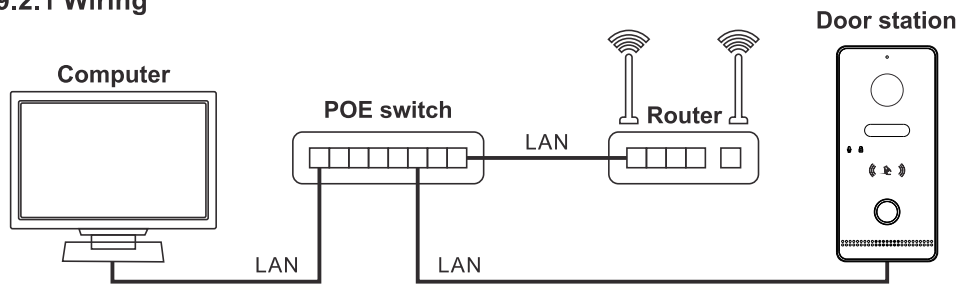
Remark:

NO.	Setting item	Note
1	IP	IP address of the door station, which can be manually changed after DHCP is disabled.
2	SUBNET MASK	Can be manually changed after DHCP is disabled.
3	GATEWAY	Default gateway, which can be manually changed after DHCP is disabled.
4	DHCP	Default open and get the IP address assigned by the router Automatically.
		Turn it off, you can manually change the IP address of the door station.
5	RTSP	Default is open. Default password is admin123 . You can modify the login password of the door station.

9.2 Tool configuration

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

9.2.1 Wiring



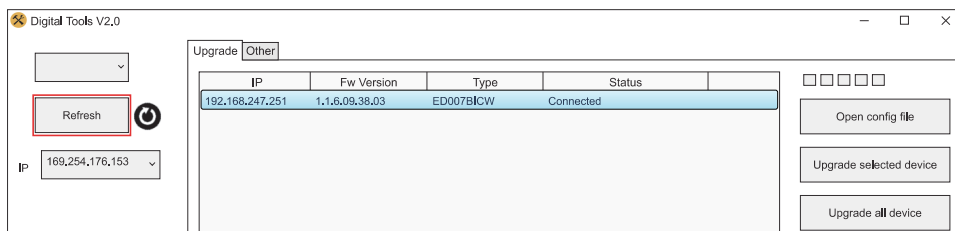
9.2.2 Configure steps

After connecting, you can configure the door station with the **Digital Tools** provided in this manual. The detailed steps are as follows:

1. Right-click on the mouse and run the **Digital Tools** as an administrator.

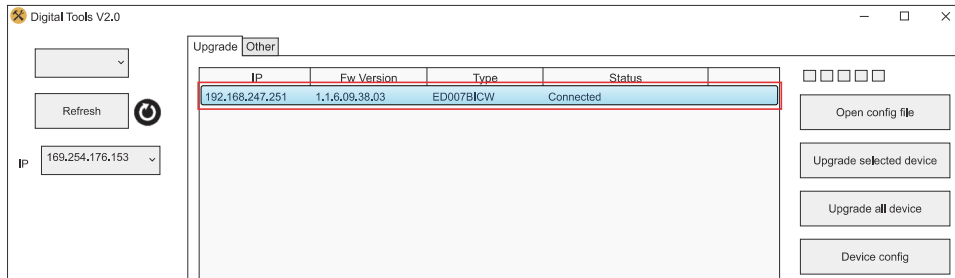
Name	Date modified	Type	Size
x64	10/14/2023 1:53 PM	File folder	
x86	10/14/2023 1:53 PM	File folder	
Device.ini	4/24/2023 8:40 PM	Configuration sett...	1 KB
DigitalTools.exe	2/15/2023 9:51 AM	Application	191 KB
DigitalTools.exe.config	6/15/2022 10:03 AM	XML Configuratio...	2 KB
DigitalTools.pdb	2/15/2023 9:51 AM	PDB File	188 KB
DigitalTools.vshost.exe	2/15/2023 9:51 AM	Application	23 KB

2. Click **Refresh**, the middle of the screen will display the IP address and firmware version of door station.

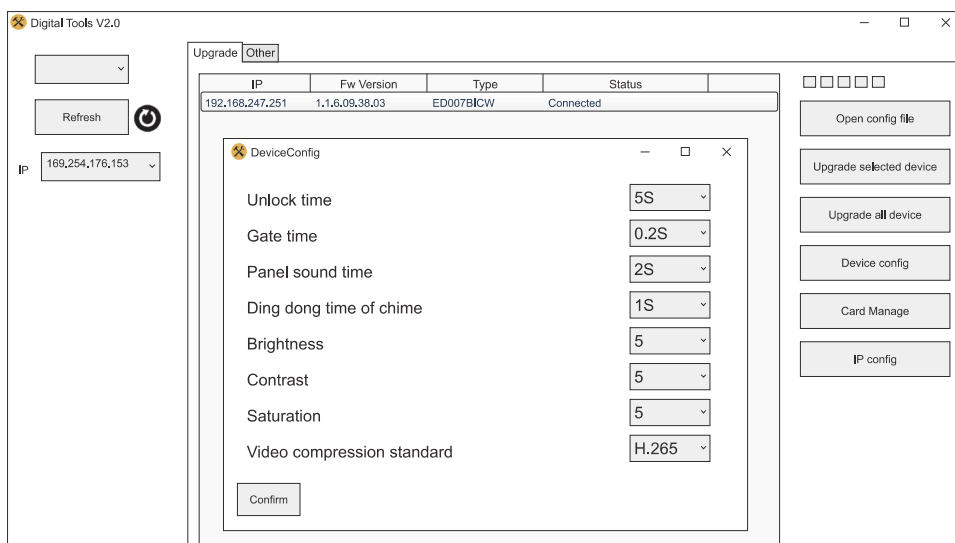


3. Left-click on **ED007BICW** and select **Device config** on the right (as picture1) to enter the **device config** interface of the door station as picture 2, then you can configure Unlock time / Gate time / Panel sound time / Ding dong time of chime / Brightness / Contrast / Saturation / Video compressed standard.

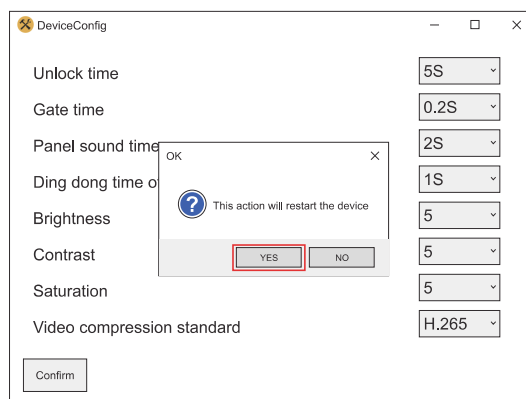
Remark: When you modified Video compression standard, there will be a window pop up as picture 3, click **Yes**, the door station will automatically reboot. After the door station reboot successfully, click **Refresh** and then click **Device Config** to check if the parameters have been successfully modified.



Picture 1

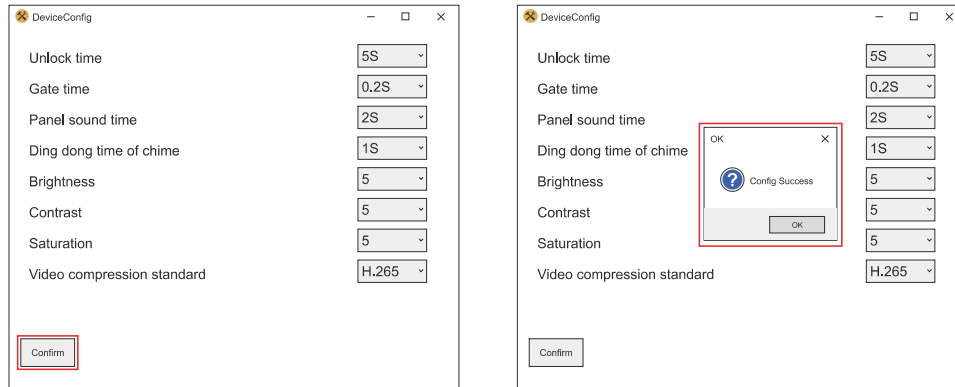


Picture 2

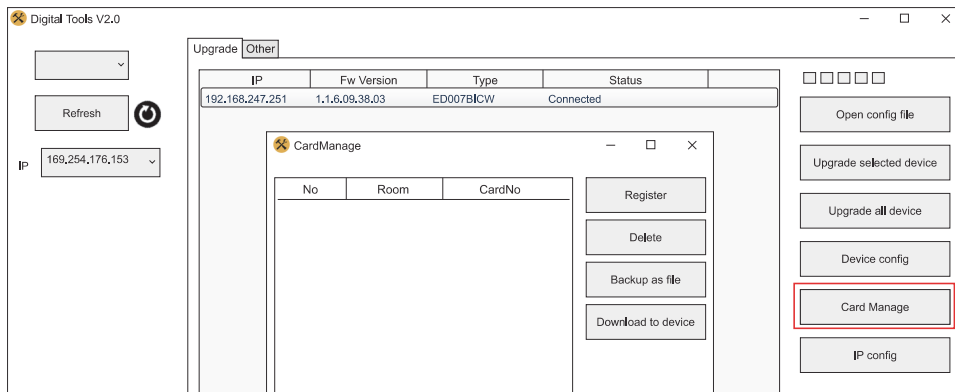


Picture 3

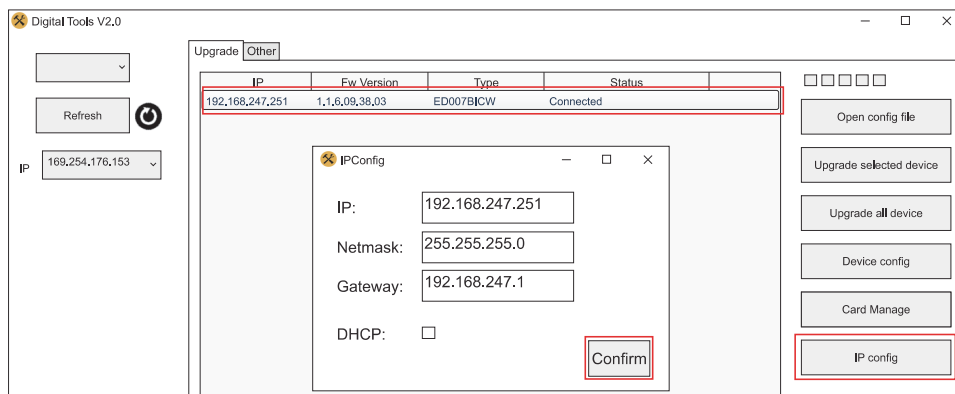
4. Click **Confirm** at the bottom, it will pop up **Config Success**, indicating that the parameters have been successfully modified.



5. Left-click **ED007BICW**, then click **Card Manage** on the right. You can register user cards by swipe cards on a card reader connect to the computer. You can also delete user cards, backup all files or download the card message to the door station.



6. Left-click **ED007BICW**, then click **IP Config** on the right and uncheck **DHCP**, you can modify the IP address of the door station, and then click **Confirm**. The IP address is modified successfully.

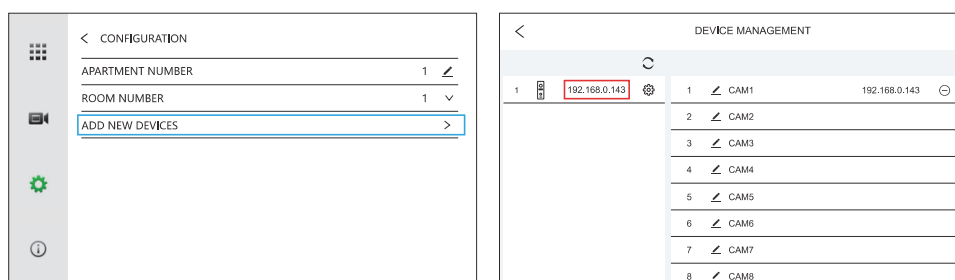


9.3 Web configuration

9.3.1 View the IP address

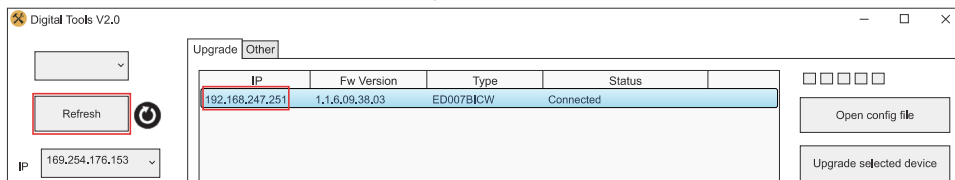
9.3.1.1 View via indoor monitor

Enter the settings interface of the monitor and click **ADD NEW DEVICES**. The IP address of the door station will be displayed in the list.



9.3.1.2 View via digital tool

Run the **Digital Tools** tool as an administrator on the computer, click **Refresh**, and the IP address of the door station will be displayed in the list.

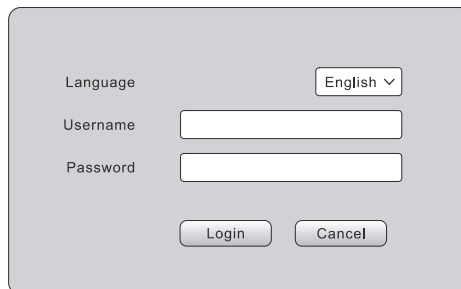


9.3.2 Login to the web page

1. Open the browser and enter the IP address of the door station.
2. Click **Enter** on your keyboard to enter the login page.
3. Input **Username** and **Password**.
4. Click **Login** to enter the web page of the door station.

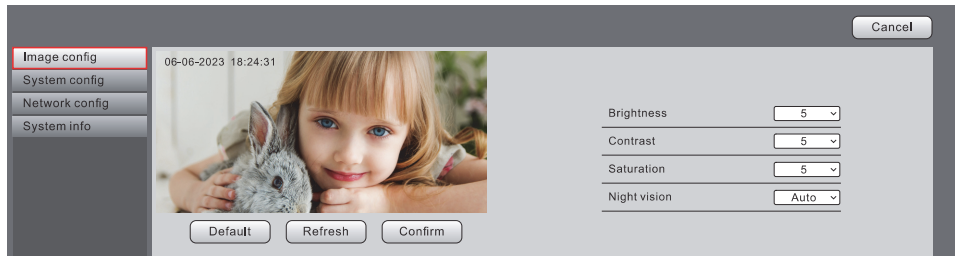
Note: Username: admin

Default password: admin123

A login dialog box with a light gray background. It contains a 'Language' label with a dropdown menu showing 'English'. Below it are 'Username' and 'Password' labels, each followed by a white text input field. At the bottom are two buttons: 'Login' and 'Cancel'.

9.3.3 Image config

Click **Image config** to enter the image config interface of the door station, you can config Brightness / Contrast / Saturation / Night Vision according to your needs.

The 'Image config' interface. On the left is a sidebar with menu items: 'Image config' (highlighted), 'System config', 'Network config', and 'System info'. The main area shows a live video feed of a young girl holding a rabbit, with a timestamp '06-06-2023 18:24:31' above it. Below the video are 'Default', 'Refresh', and 'Confirm' buttons. On the right are four settings: 'Brightness' (5), 'Contrast' (5), 'Saturation' (5), and 'Night vision' (Auto), each with a dropdown arrow.

Remark:

Default: Reset the parameters of door station to default.

Refresh: Refresh the parameters and images of door station.

Confirm: Save configured parameters into door station.

9.3.4 System config

Click **System config** to enter the system config interface of the door station, you can config Door unlock time / Gate unlock time / Door station ringtone duration / Ringbell ringtone duration / Video compression standard / Door sensor / Wiegand output.

Cancel

Image config	Door unlock time	5S
System config	Gate unlock time	0,2S
Network config	Door station ringtone duration	2S
System info	Ringbell ringtone duration	1S
	Video compression standard	H.265
	Door sensor	OFF
	Wiegand output	WG26

Default Refresh Confirm

9.3.5 Network config

Click **Network config** to enter the network config interface of the door station, you can config ONVIF / DHCP. After turned on ONVIF, the door station can be added to NVR. After DHCP is turned off, you can change the Local IP / Subnet mask / Gateway of the door station.

Cancel

Image config	ONVIF	On
System config	DHCP	On
Network config	Local IP	192,168,0,37
System info	Subnet mask	255,255,255,0
	Gateway	192,168,0,1

Default Refresh Confirm

Main stream: rtsp://admin:password@192.168.0.37/01/main
Sub stream: rtsp://admin:password@192.168.0.37/01/sub

Note: The door station and NVR need to be in the same IP segment.

9.3.6 System info

Click **System info** to enter the system info interface of the door station.

Cancel

Image config	Revise	User management
System config	Restart	Restart the device
Network config	Reset	Reset all settings, but the following will not be reset: Network settings, users password and cards, bound device
System info	Reset factory setting	Reset all datas to factory default setting

System upgrade

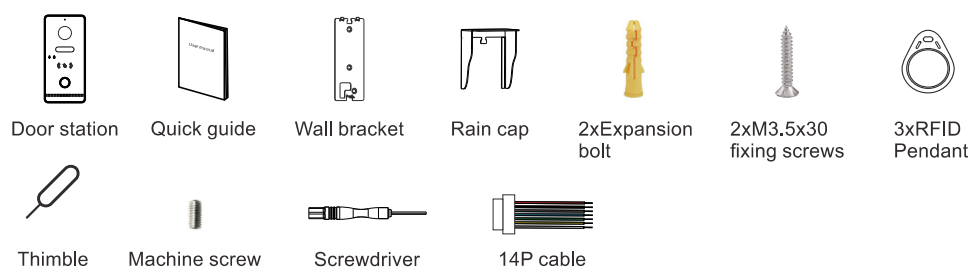
Upload upgrade file Upload Upgrade

System info

Firmware version: 1.1.12

NO.	Setting item	Note
1	Revise	Modify the login password of the door station.
2	Restart	Restart the door station.
3	Reset	Except network settings, users' password, cards and bound device, all other settings will be restore to default.
4	Reset factory setting	Reset all data to default.
5	System upgrade	Upgrade firmware of door station.
6	System info	Firmware version of door station.

Package contents



FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.