VAIREMA Wireless IP Tuya Video Intercom User Guide

**Wireless IP Tuya Video Intercom
User Guide**

MC-0753-V1.0

Contents

Monitor and outdoor pairing

After the monitor and outdoor panel are powered on, press and hold the LINK button of the monitor, press and hold the outdoor panel pairing button at the same time, and release the button when the signal light flashes quickly to complete the pairing.

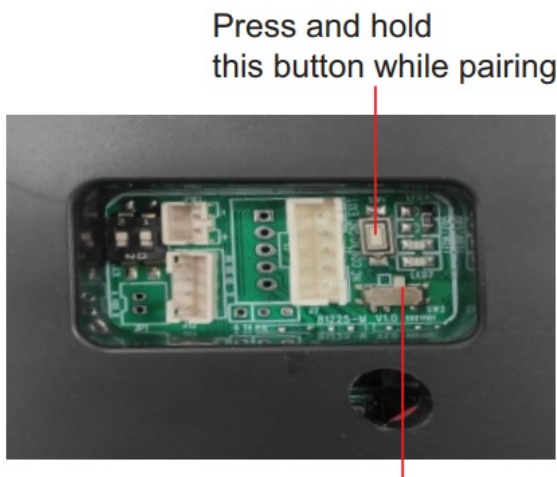**1.1 Monitor and Outdoor A pairing**
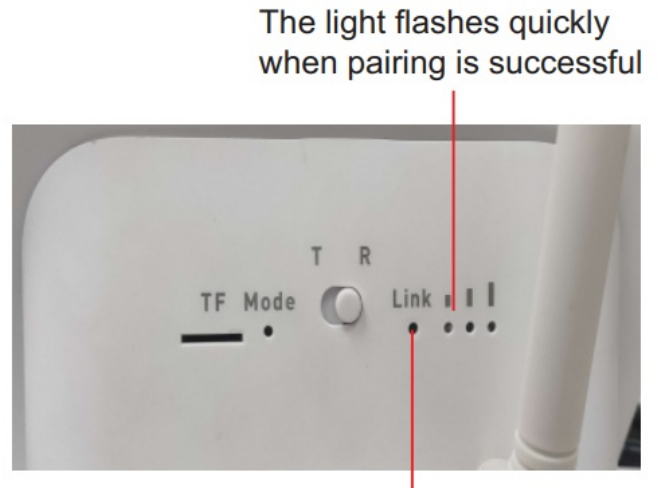
Pic 1.1　Press and hold this button while pairing

The light flashes quickly when pairing is successful
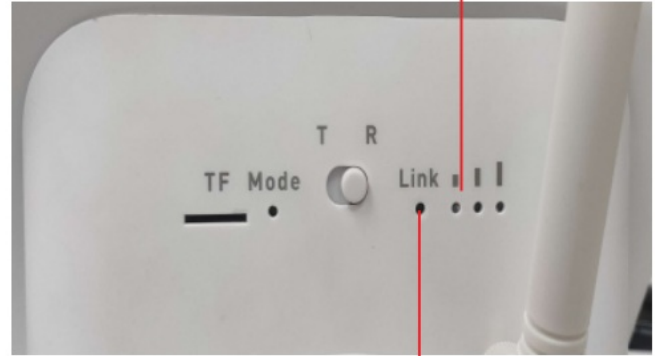
Pic 1.2　Press and hold this button while pairing

1.2 Monitor and Outdoor B pairing

Press and hold this button while pairing

Pic 1.3　Dial this button to the right side

The light flashes quickly when pairing is successful

Pic 1.4　Press and hold this button while pairing

Monitor Operation Instruction

2.1 Main GUI
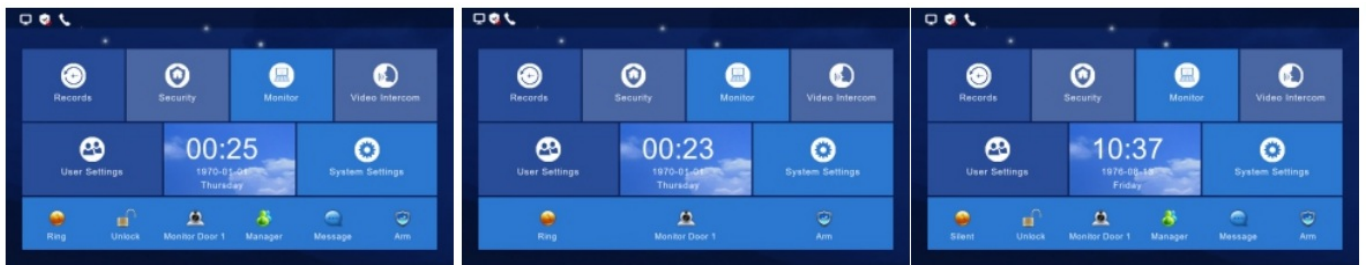
Pic 2.1

The graphic UI can be switched between apartment buildings, small buildings, and villas.

1. There are Menu, Shortcut keys, Status
2. Menu including recording center, security zone, monitoring center, video intercom, user setup, system setup
3. Shortcuts Introduction

Shortcut Icon	Shortcut Name	Function
	Ringtone On/Off	Turn On/Off button ringtone or call ringtone
	Door 1 Monitoring	Monitor outdoor station 1
	Arm	One Key Arm
	Unlock	Unlock the lock connected with the indoor monitor optional function
	Managing Center	Call Guard Station or PC Managing Center. The call will go to PC Managing Center only when the Guard Station is offline or no answer.(only for the apartment system)
	Community Message	Quick browse community messages (Only for Apartment System)

Status Icon Instruction

1. Network status: Connected, Disconnected, Network Conflict.

2. Security status: Arm, Disarming, Alarming.

3. Unread message:

4. Missed call:

5. Unread public message:

Network	Connected	Disconnected	IP Conflict
Security Status	Arm	Disarming	Alarming
Others	Unread Message	Missed Call	Unread public message

2.2 Recording Center
2.2.1 Photo Record
Storage calls, motion detections, snapshot pictures. Click the "View" button can review the snapshot pictures.c
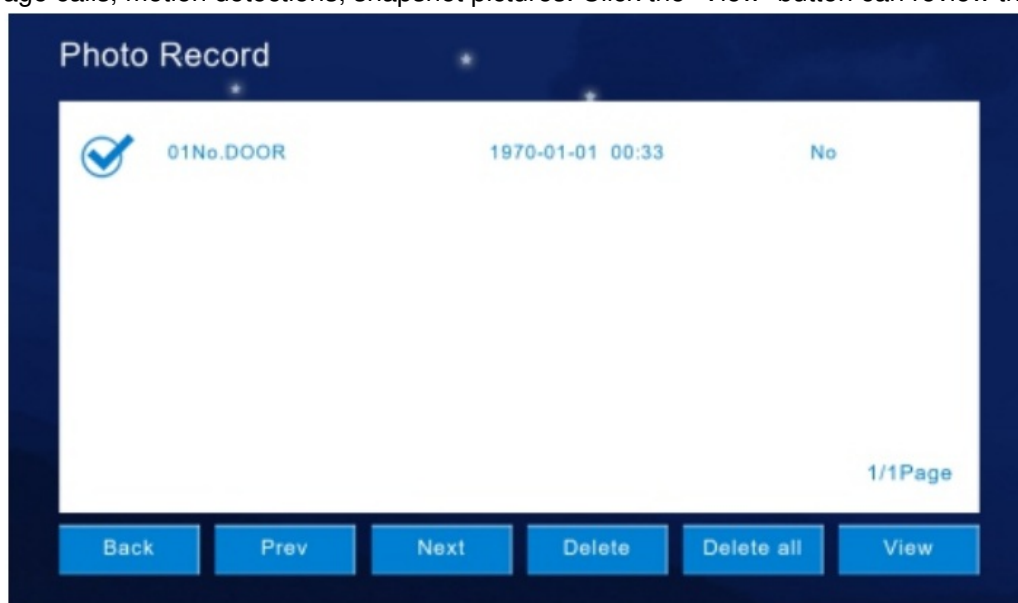
Pic 2.2.1

2.2.2 Call Record

1. The device will save the call records which include Missed Calls, Dialed Calls, Received Calls, and records in detail (Date, Time, Read Status).
2. Choose the corresponding device and Click " View " to check the records in detail including pictures or videos.
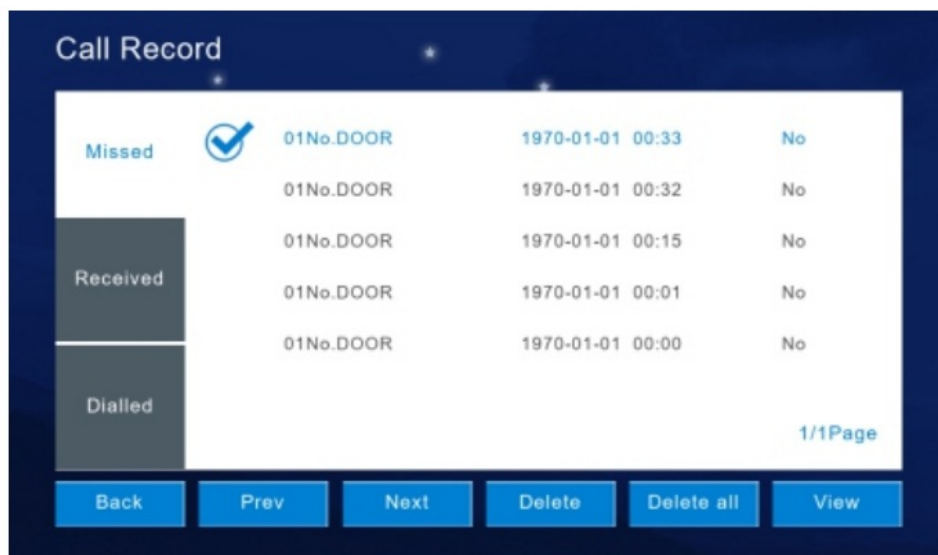
Pic 2.2.2.1

3. Redialing the extension monitor when " Redial [Redial] " is available to click after you selected a related record from "Missed, Received, Dialed". Meanwhile, you can delete a record or all records after selecting.
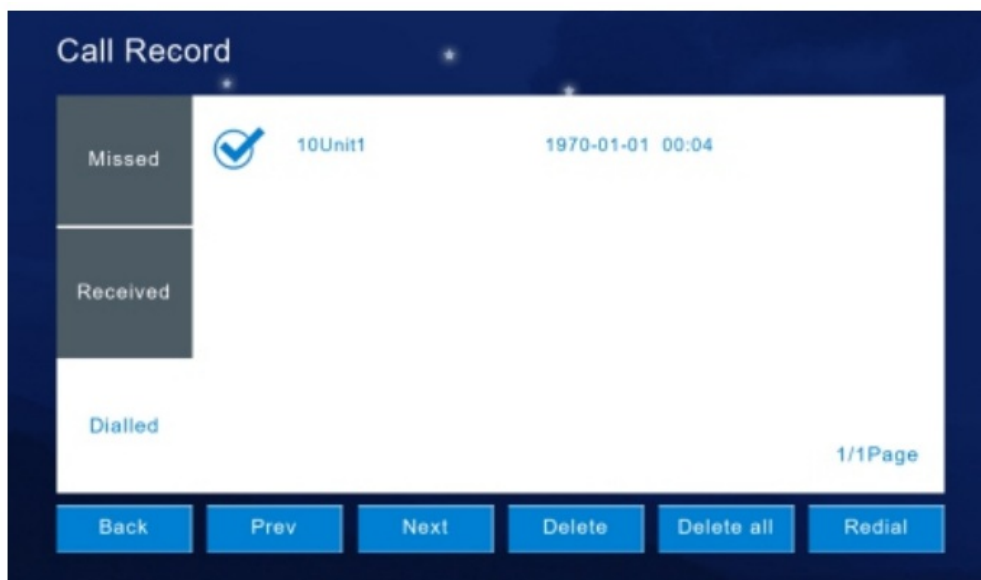
Pic 2.2.2.2

2.2.3 Message Record

Visitors can leave a "Voice or Video Message" to the householder if there is no response after the outdoor station is pressed. And click "View" to know the message details including Device Info, Date-Time, and Record Status after you selected one record. Meanwhile, you can delete a recorder all records after selecting.
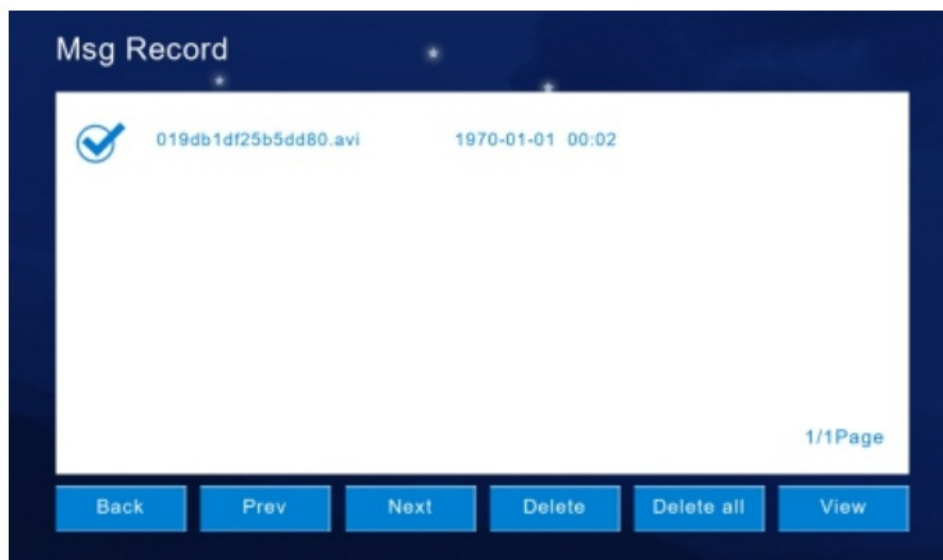
Pic 2.2.3

2.2.4 Arming Record

When you selected one record, click "View" to know the Arming Record in detail including Operations Record, and Time. Meanwhile, you can delete a record or all records after selecting.
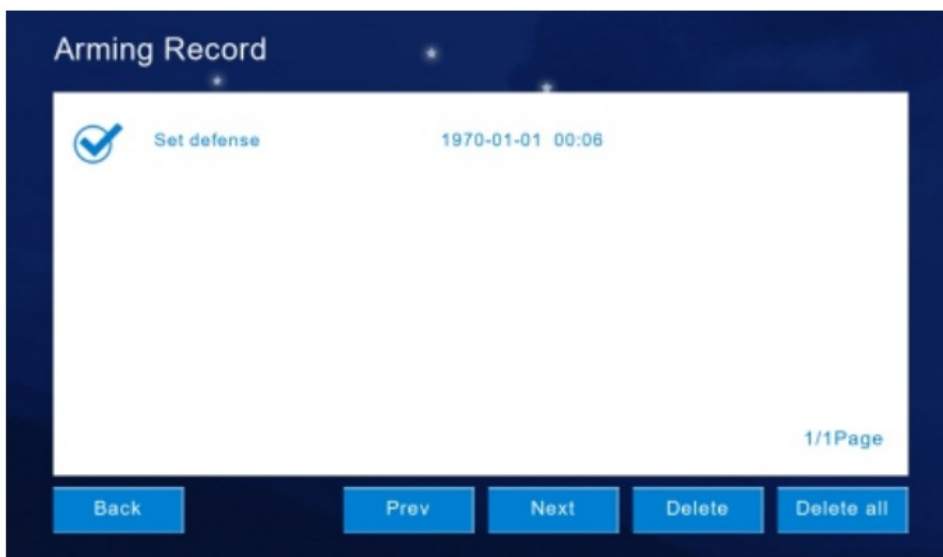
Pic 2.2.4

2.2.5 Alarm Record

When you selected one record, click "View" to know the Alarm Record in detail including Alarm Location, Alarm Type, and Time. Meanwhile, you can delete a record or all records after selecting.
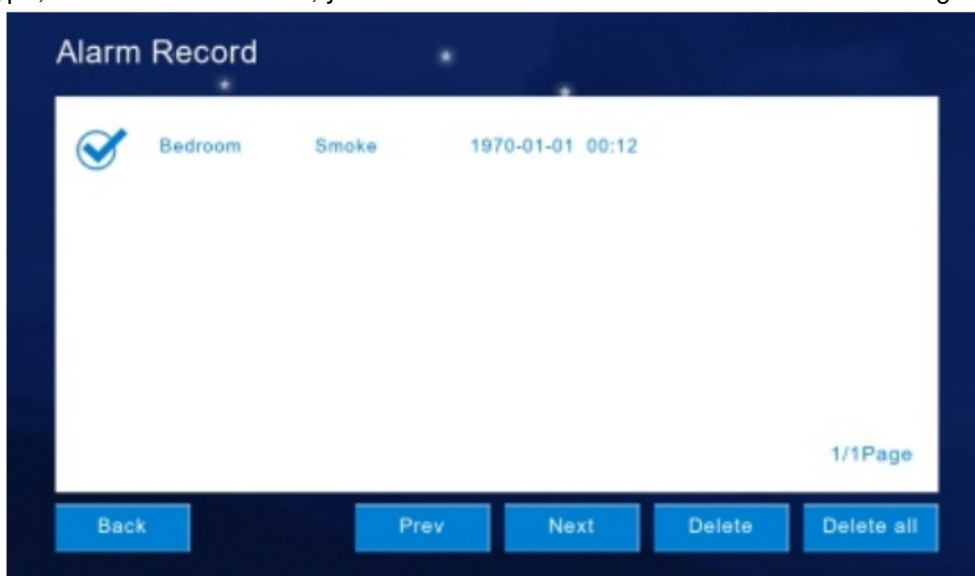
Pic 2.2.5

2.3 Monitoring Center

Available to monitor all the outdoor stations, IP camera, and can snapshot pictures and unlock at the monitor interface. The monitor time is 1 min.
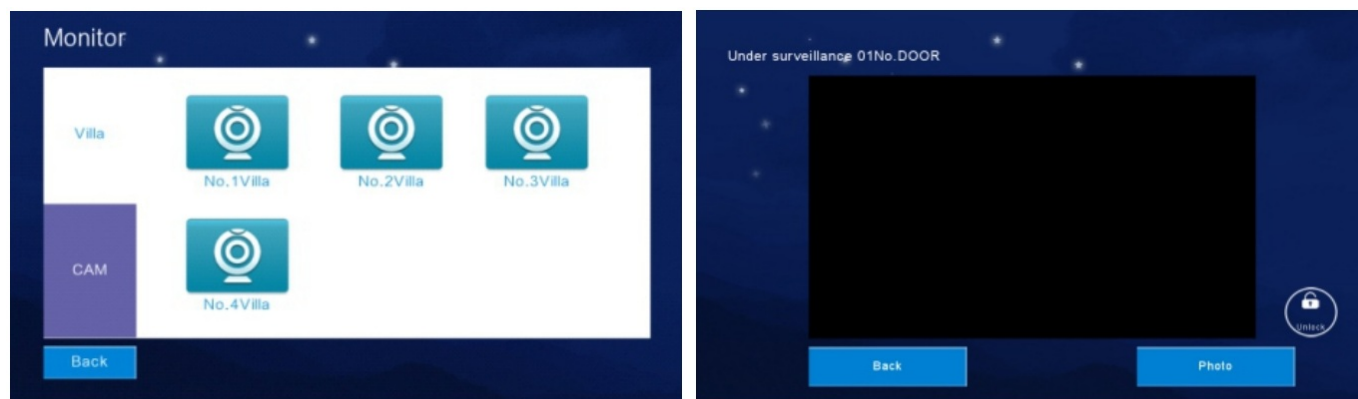
Pic 2.3

2.4 Video Intercom

2.4.1 Call Room

It can call any online monitor which uses the same LAN as it, (can not call itself), input the room number, and call. Internal intercom switch: After enabling this function, the user can be called by other users, tap the switch to become blue means enabled.
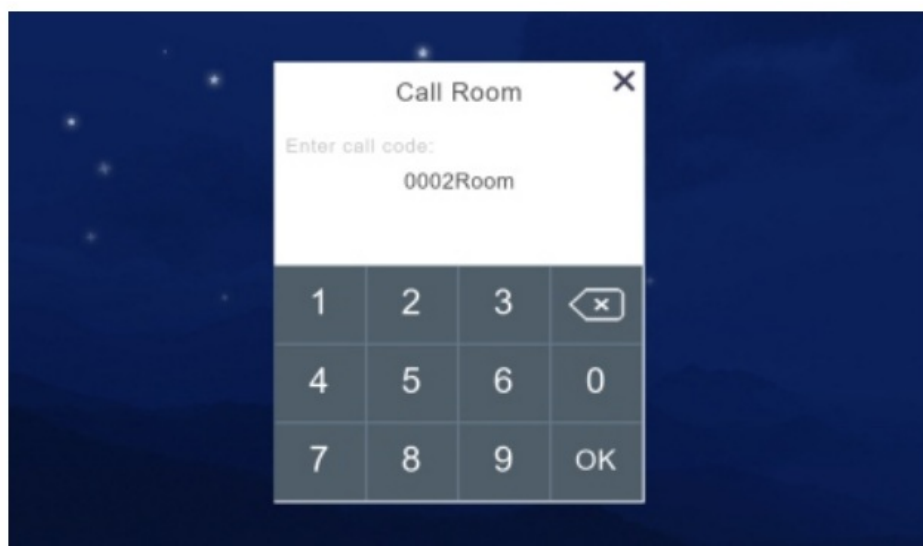
Pic 2.4.1

2.4.2 Internal Call Between Indoor Monitor Extension

After setting the indoor monitor room number, all indoor monitor extensions support "Click to call the monitor extension" or "the other is not online" if the monitor extension is not set successfully or offline.

Noted: If the monitor room number is the default, then there is no extension for it.
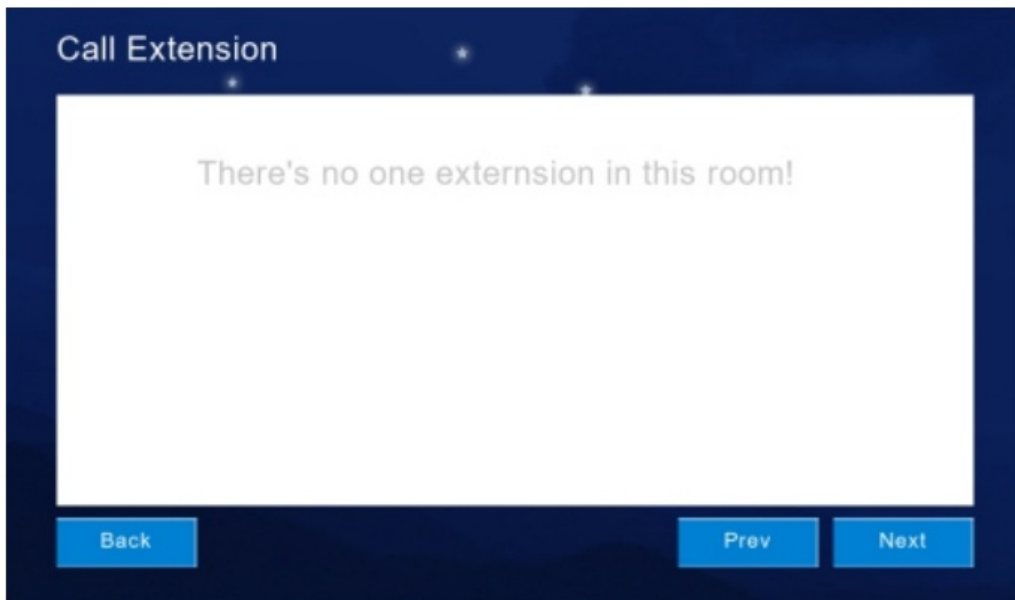
Pic 2.4.2

2.4.3 Cloud Intercom
Add device to Tuya
Indoor monitor setting

1. Click "WiFi connection" on the indoor monitor, select the home WiFi, and connect to the home WiFi. Then restart the indoor monitor(very **important).**
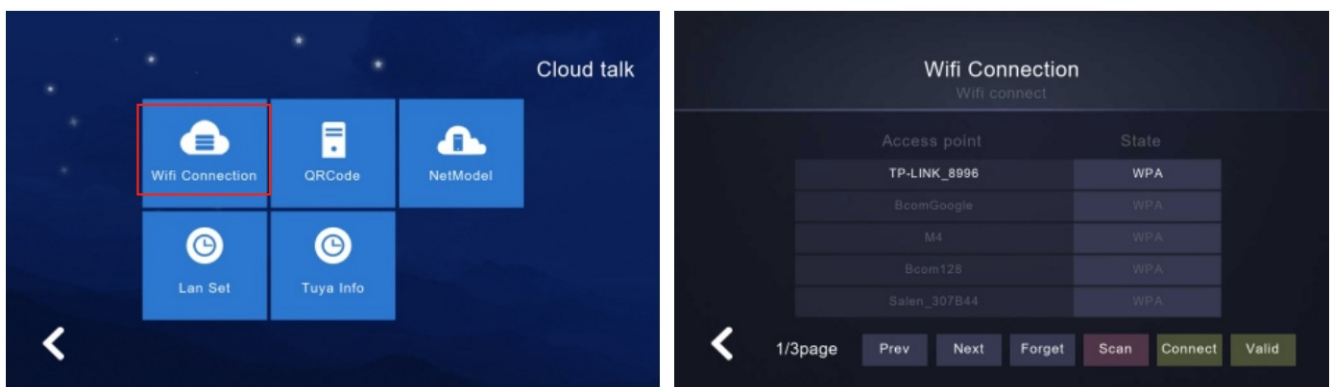
Pic 2.4.3.1

Note: only available to set the "Could Intercom Function" in "01 Monitor Extension (Master unit)

2. APP download and registration Download Tuya smart APP from the Google Play store, IOS download from the APP store.

3. Run the APP, and register an account with the correct country and area.

4. Login to the APP after registration.

5. Scan the QR code add the monitor into APP. Open Tuya smart APP, and click "add device" or "+" on the top right to add a device (pic 2.4.3.2).

6. Click the "Scan QR code" icon on the top right (pic 2.4.3.3)
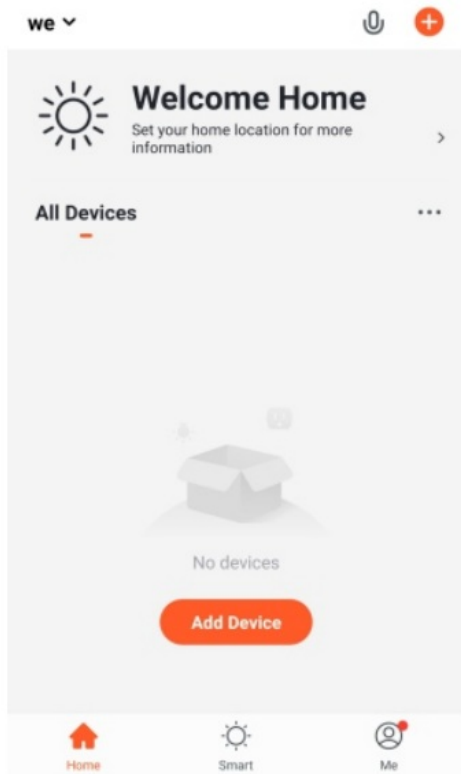
pic 2.4.3.2
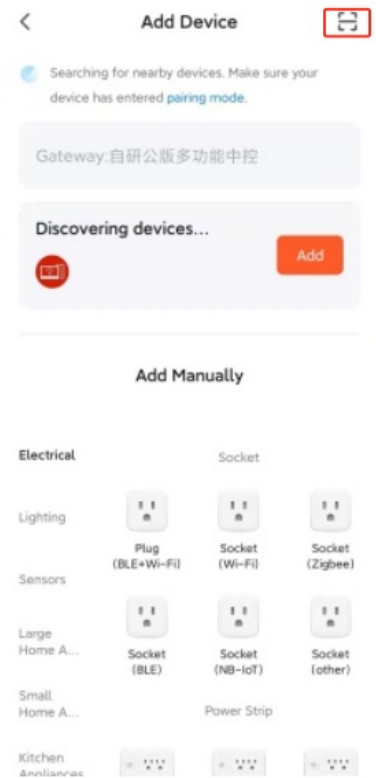
pic 2.4.3.3

7. Click the "QR code" on the indoor monitor, and scan it (pic 2.4.3.4).
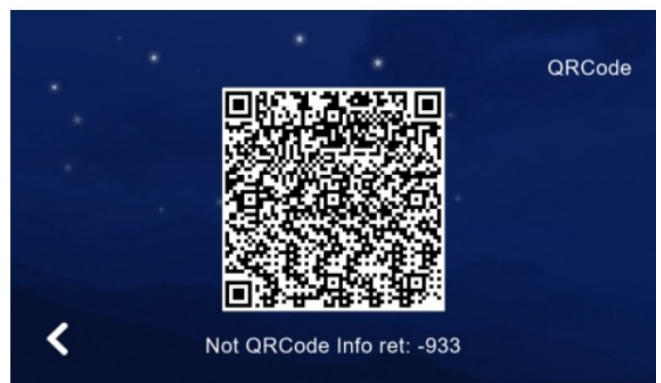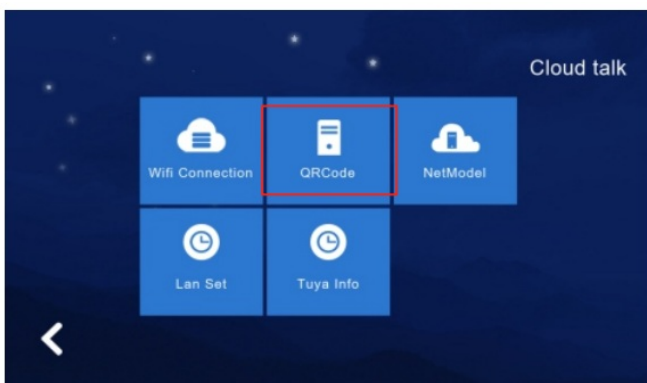
Pic 2.4.3.4

8. After scanning the QR code successfully, Tuya APP turns to the below interface (pic 2.4.3.5).

9. Wait until the progress is 100% complete, the device will be successfully added, and it will enter the following interface (pic 2.4.3.6).

pic 2.4.3.5

pic 2.4.3.6

APP Interface Introduction

Pic 2.4.3.7

1. Hang up (back): exist the interface when pressing this icon while talking or monitoring.
2. Speaker: Can hear the voice from the outdoor station when to turn it on, and no voice when turn on. Can not talk while monitoring.
3. Picture snapshot: Can snapshot the images while talking or monitoring.
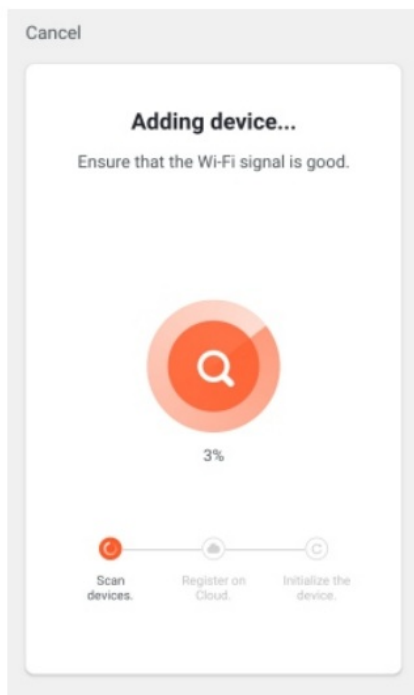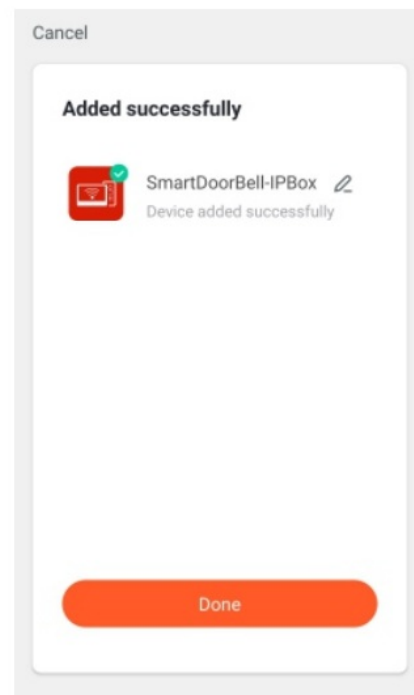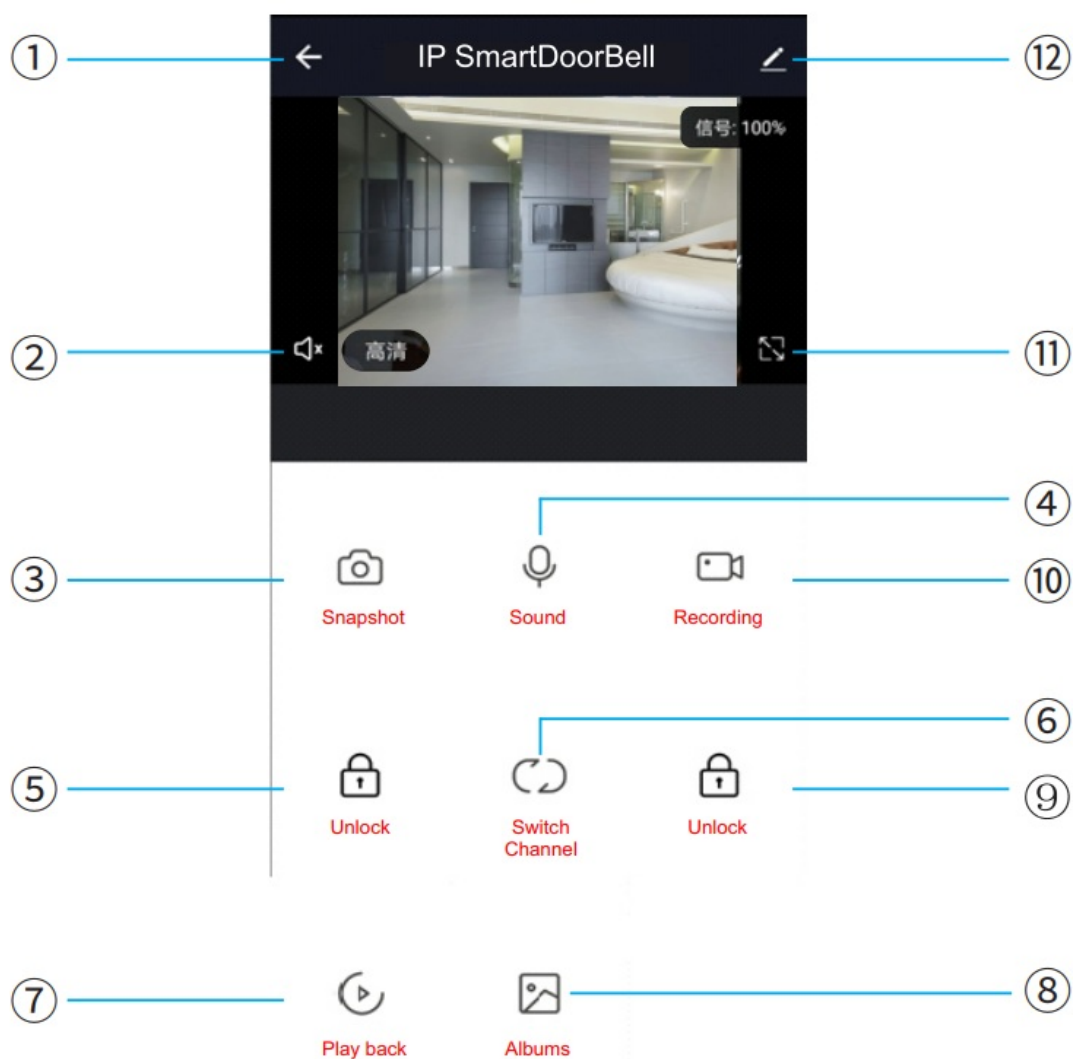4. Microphone: Call panel calls and answers on a smartphone, turn on this icon, the microphone is on, and the voice can go to the outdoor station. If not turned on, the outdoor station cannot hear the voice from a smartphone. This function is invalid while monitoring.
5. Outdoor Unlock: Can unlock the lock connected to the call panel while talking or monitoring.
6. Channel switch: Can switch to monitor other call panels while talking or monitoring. Have 4 channels including DOOR1, DOOR2, DOOR3, DOOR4, and matches to apartment system or high-level system NO.1 DOOR, NO.2 DOOR, NO.3 DOOR, NO.1 Villa, and matches to villa system NO.1 Villa It, It NO. it 2 Villa, NO.3 Villa, NO.4 Villa.
7. Playback: Click here for video playback when having an SD card in the monitor and the Recording function on APP is on.
8. Pictures: The snapshot pictures or recorded videos while talking or monitoring are saved here. (only for Android smartphones, for IOS phones, it is saved in the Camera on the smartphone.)
9. Monitor Unlock: Unlock the lock that is connected to the indoor monitor while talking or monitoring. (only the indoor monitor has a monitor relay function).
10. Video Recording: Start recording video while talking or monitoring.
11. Full Screen: display the image full screen.
12. Settings
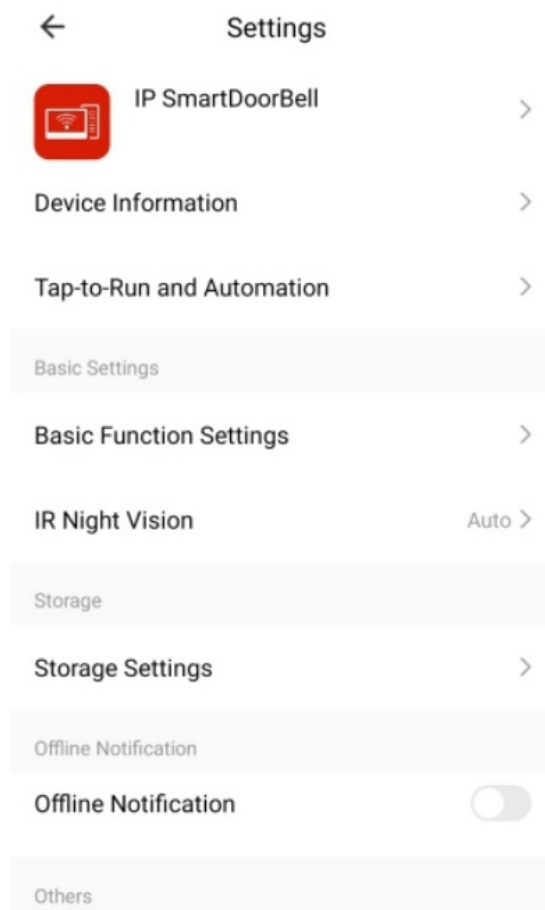
Pic 2.4.3.8

a. Available to, modify the device name.
b. Available to view the device info.
c. Available to set the talking mode as a single model or double mode at basic settings (Default as a single mode).
d. Have Saving Settings if the indoor monitor has an SD card. Can view the storage capacity, and the event records when the video recording mode is on.
e. Available to share the device with another smartphone.
f. Delete the device if need to unbind the device from the smartphone.

Sharing with another phone user:
There are two ways to share your device with other phone users:

1. Enter App—All devices list—press the device you want to share— press monitoring mode and press top right corner setting——-Share device——-Add sharing——input region/ account and done. (notice: user App without unlock function, only Admin App with unlock function)

2. Enter App——All devices list——Me——Home Management——-Create a home——Enter home name——-Add member——App account——input name/region/account and save.

NOTE:
a. All member on the same device can get the message once a visitor call from the door station.
b. Admin can add or move all members from App, Enter "Me"——-Home Management—— remove member as you want.

2.5 User Settings
Click to enter "User Settings Interface".

 : Click the "One Circle Button" to enter the next user settings page.
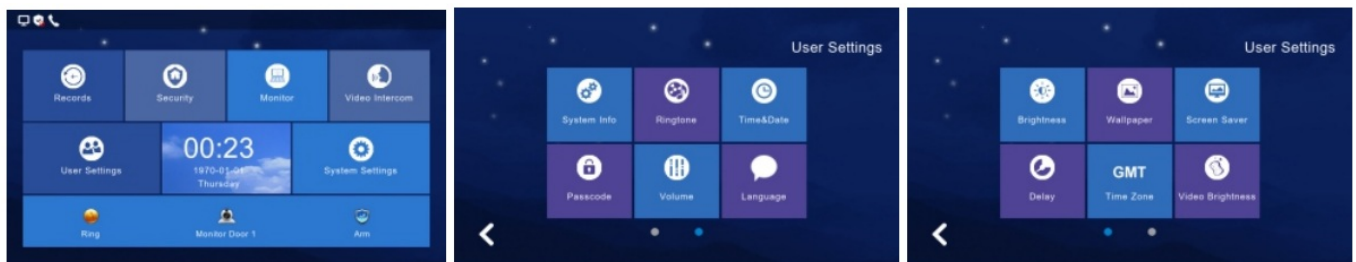
Pic 2.5

2.5.1 System Info
Click "System Info" to know the details: IP address, Extension Code, Mask, Network Configuration Version, and Software Version. As picture 2.5.1.
Format: Format SD card.
Read: Insert the SD card which is with the ID file into the monitor, and click "read" to get the ID number.

Pic 2.5.1

2.5.2 Ringtone Setting
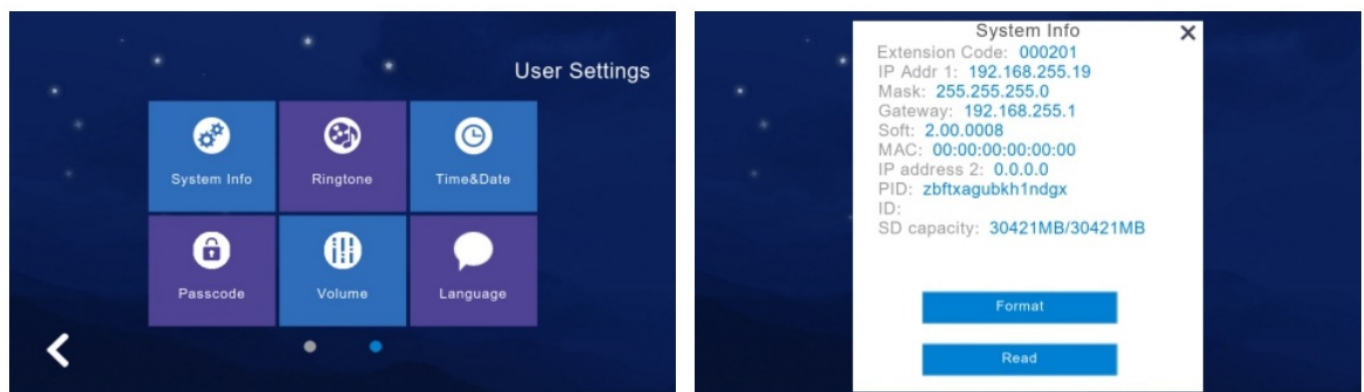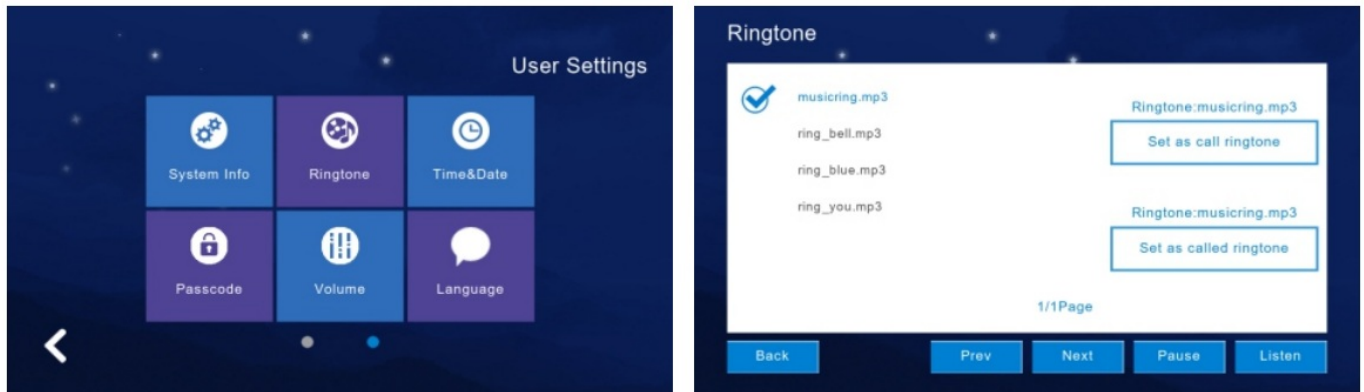
Support to set the ringtone when the indoor monitor calls another device or is called by another device.
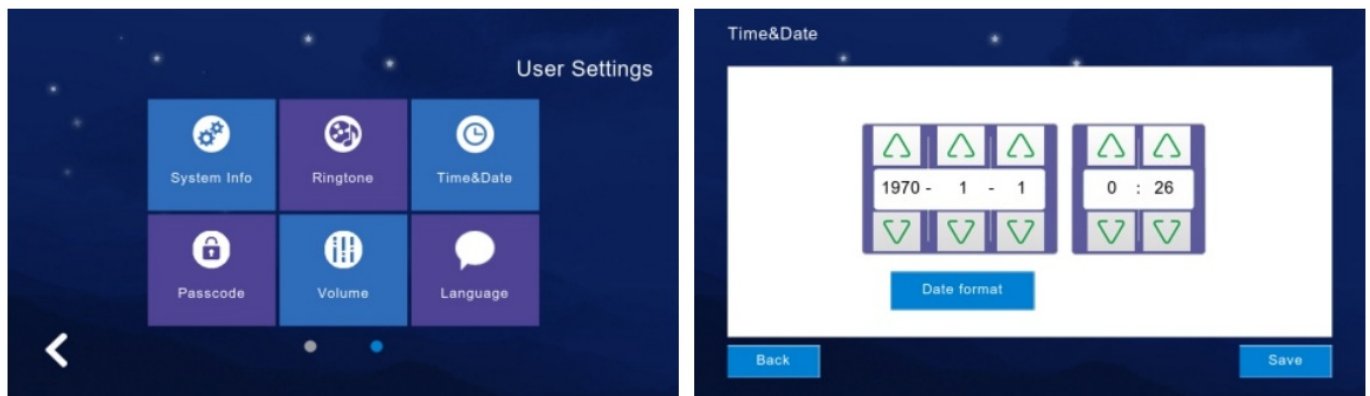
- Available to select the ringtone in the "ring" folder from SD Card.
- When you selected one ringtone and click "Listen" for the audition.

Pic 2.5.2

2.5.3 Time & Date Setting

1. 24-hour time system as the default and available to set Year / Month / Day / Hour / Minute, Save after setting.
2. Format switch: switch the Date format as Y/M/D, D/M/Y, M/D/Y.

Pic 2.5.3

2.5.4 Passcode Setting

Click "Passcode" to enter the setting, and it only changes the passcode when you Arm or Disarm 8 security zone in the function of "Security".When you reset it successfully need to click "OK" to set it successfully.

Note: The default passcode is "123456" and it is not available to use 6 same number as the passcode.
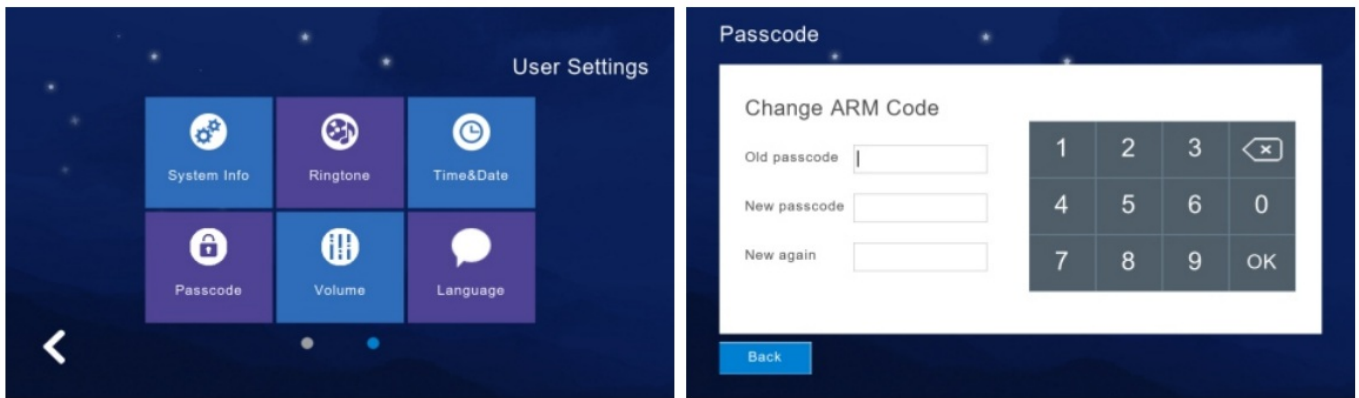
Pic 2.5.4

2.5.5 Volume Setting

1. Click "Volume" to enter the setting and the below button is to adjust the volume of "Ringtone / Touch Key or Talk", and there would be the audition after you adjusted the volume, you need to Click "OK" to set it successfully if you adjusted the volume.
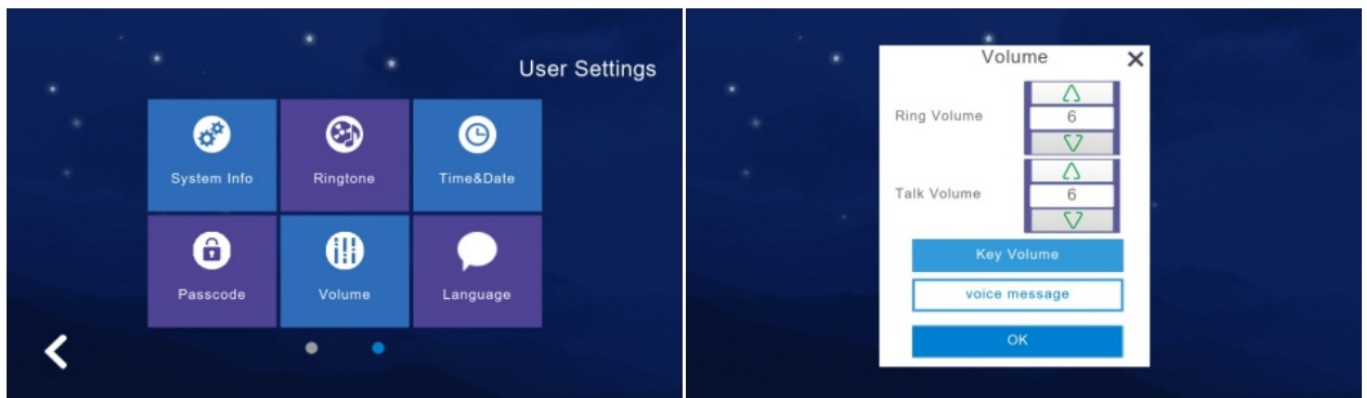
 △   : Increase the volume (+)

 ▽   : Decrease the volume (-)

Note: "6" is the default volume and the volume range is "0-15".

2. Key tone switch: turn on or off the key tone, and click it to turn dark blue means turn on.
3. Voice Message On/Off: Remind to leave messages when not answering the call from the visitor at the outdoor station. The default is off, click to dark blue is on.
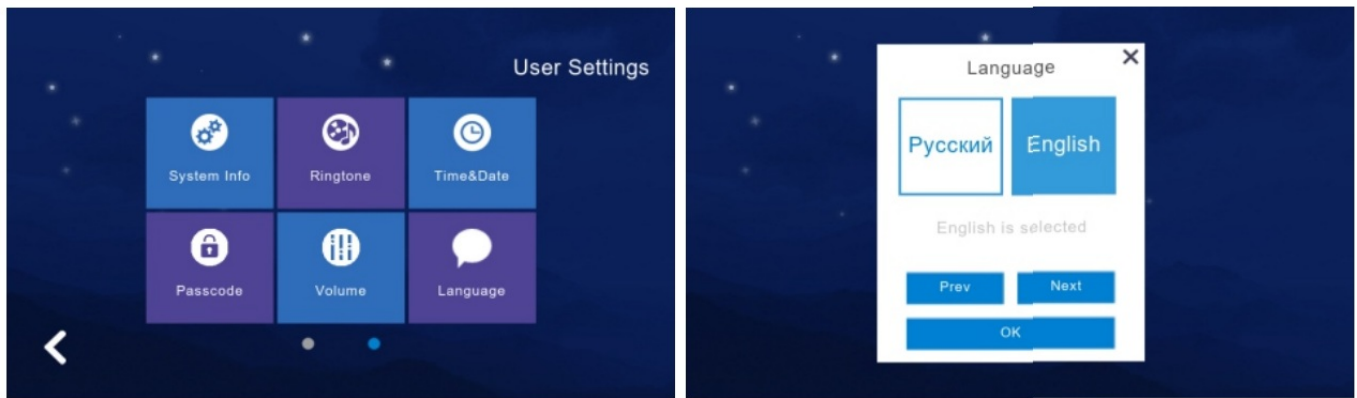

Pic 2.5.5

2.5.6 Language Setting
Click "Language" to enter the setting, and it is available for Russian, English, Chinese, Spanish, Turkish, Portuguese, Dutch, French, Italian, and Bulgarian.
When selecting one language and need to click "OK" to set it successfully.
– "Prev": Page Up
– "Next": Page Down
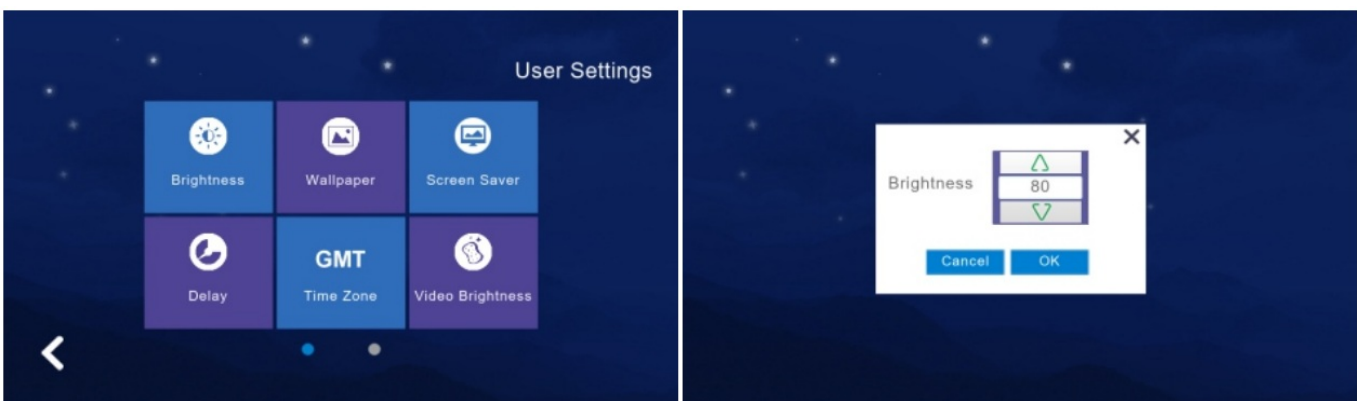
Pic 2.5.6

2.5.7 Screen Brightness Setting

Click "Brightness" to enter the setting, then, adjust the brightness accordingly and need to Click "OK" to set it successfully if you adjusted the brightness.

△ : Increase the brightness (+)
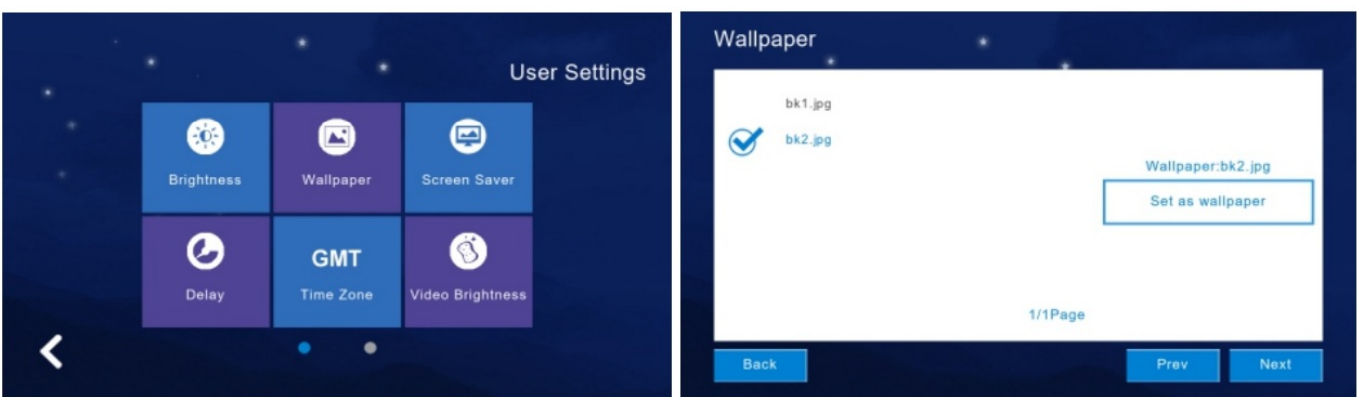▽ : Decrease the brightness (-)
Note: "60" is the default screen brightness and the brightness range is "1-100".

Pic 2.5.7

2.5.8 Wallpaper Setting

Click "Wallpaper" to enter the setting, and when selecting one picture, click "Set as wallpaper" to set it successfully. And it is available for selecting the picture in the "Wallpaper" folder from SD Card.

Pic 2.5.8

2.5.9 Screen Saver Setting

Click "Screen Saver" to enter the setting that is including Click "Delay" to enter the setting that is including "Black", "Time", and "Clock". It will be in "Screen Saver" status without any operation for 60 seconds automatically. And when you selected one type and need to click "OK" to set it successfully. The screen saver will turn off if without

any operating in the 60s.
–" Black " stands for " Black Screen Saver ".
–" Time " stands for " Time Screen Saver".
–" Clock" stands for " Clock Screen Saver".
Note: The system default in "Black Screen" status would be started automatically from 0:00 to 06:00 am.

Picture screensaver:

1. Carousel the pictures in the SD card in standby mode, after carousel for one hour the screen, will be turned off.

2. Users need to create a folder named "screensaver" in the SD card and put the pictures into the folder.

3. The pictures put in "screensaver" has the below requirements:

    The picture format is JPG

    Picture resolution≤1920*1080

    Picture file size ≤ 3 MB
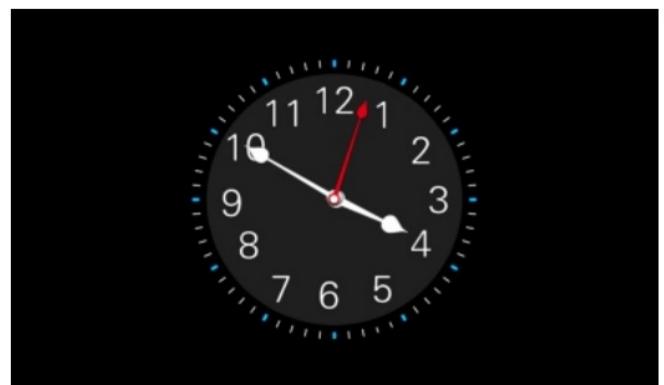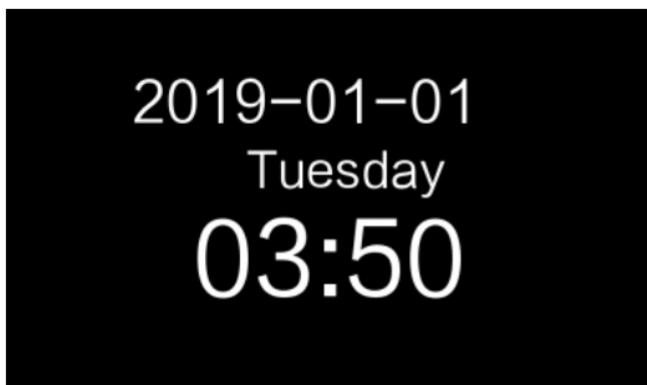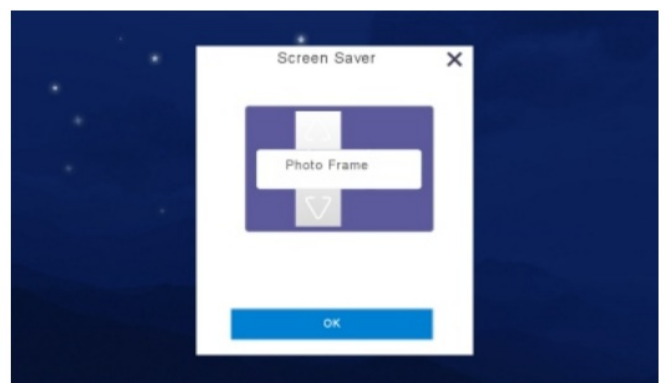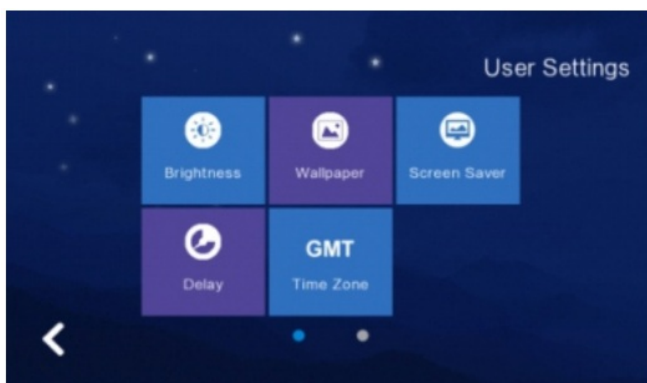
Pic 2.5.9

2.5.10 Delay Setting
There are 5 kinds of settings in the delay settings, which are:
Ringing time (can be set to 5-90 seconds, the default value is 30 seconds):
the ringing time when the indoor unit is called.
Picture rotation time (can be set to 30/60/90 seconds, the default value is 60 seconds): the time for picture rotation after the indoor unit enters the screen saver.
Screen saver time (can be set to 30, 60, or 90 seconds, the default value is 60 seconds): the time that no operation is performed on the indoor monitor until the screen saver is triggered.
Alarm delay (can be set to 0, 30, or 60 seconds, the default value is 60 seconds): set the time from when the alarm is triggered to make the alarm sound.
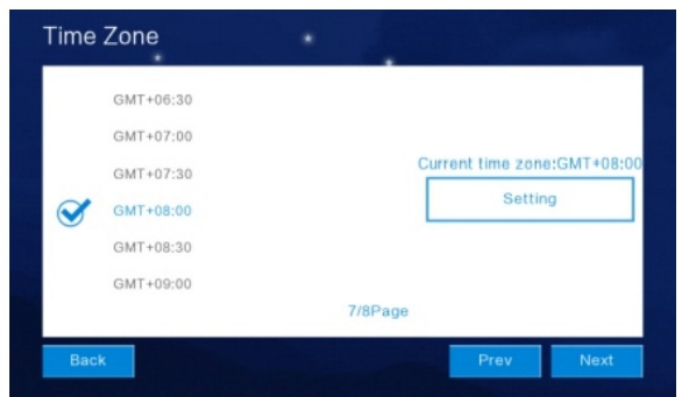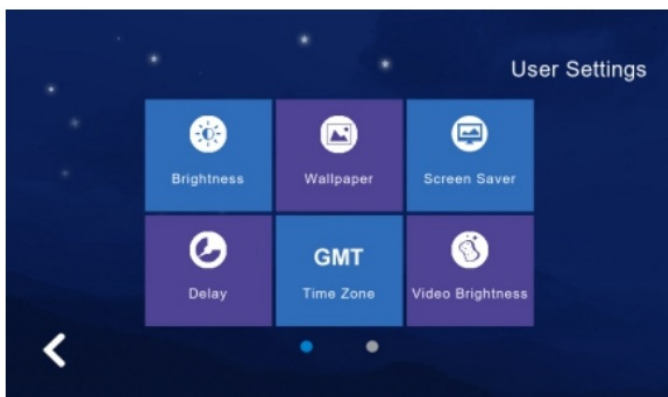Alarm sound duration (can be set to 3, 5, or 10 minutes, the default value is 5 minutes): Set the duration of the alarm sound after the alarm is triggered After setting, click the Save button to save the settings.
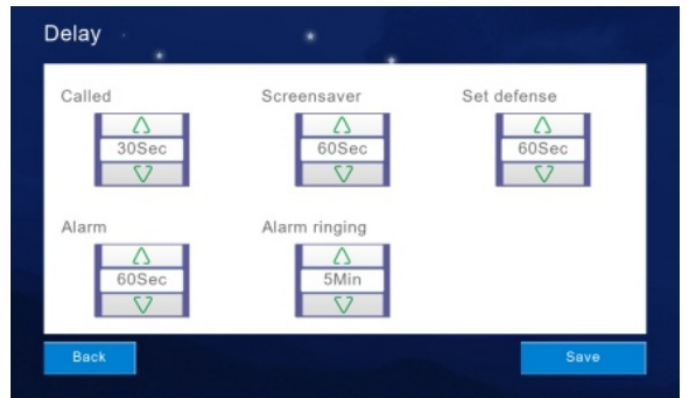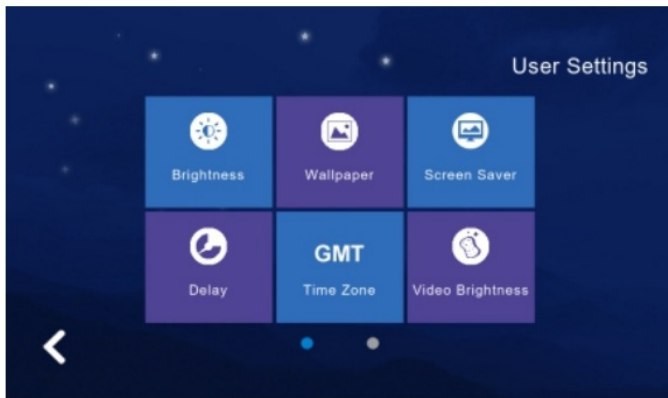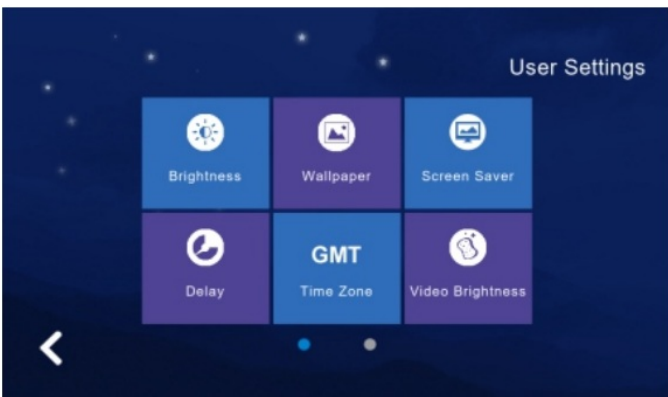
Pic 2.5.10

2.5.11 Time Zone Setting
Click "Time Zone" to enter the setting, and when selecting one time zone, click "Setting" to set it successfully.

Pic 2.5.11

2.5.12 Video Brightness
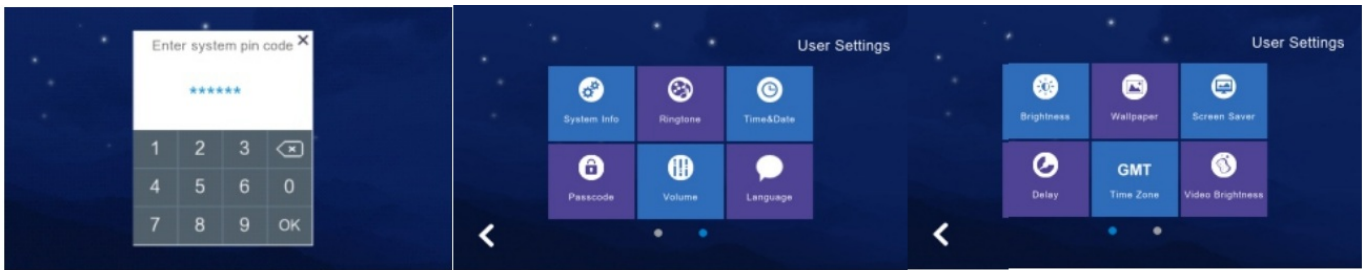Adjust the video's brightness, contrast, saturation, and hue.

Pic 2.5.12

2.6 System Settings
Click "System Settings" in Main GUI and input the system pin code "666 666" to enter the system settings.

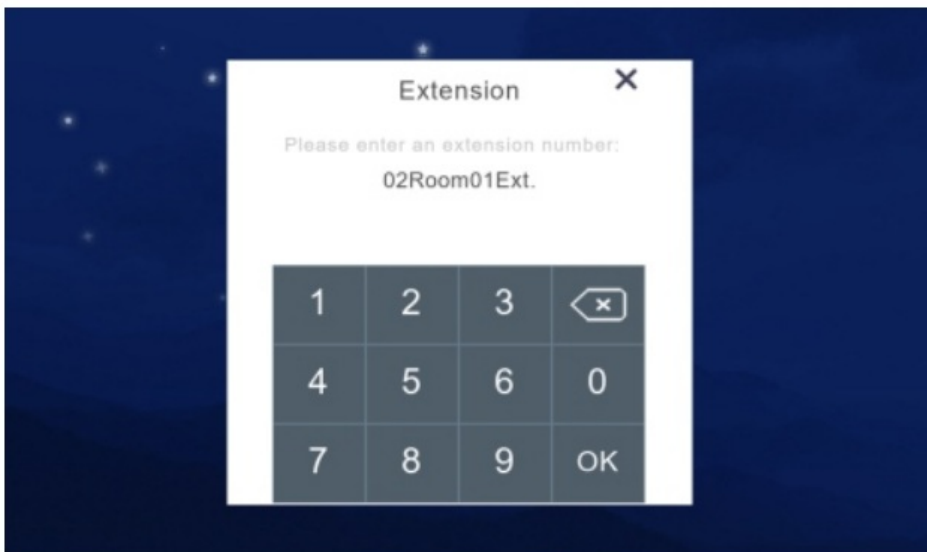 : Click "One Circle Button" to enter the next system settings page.
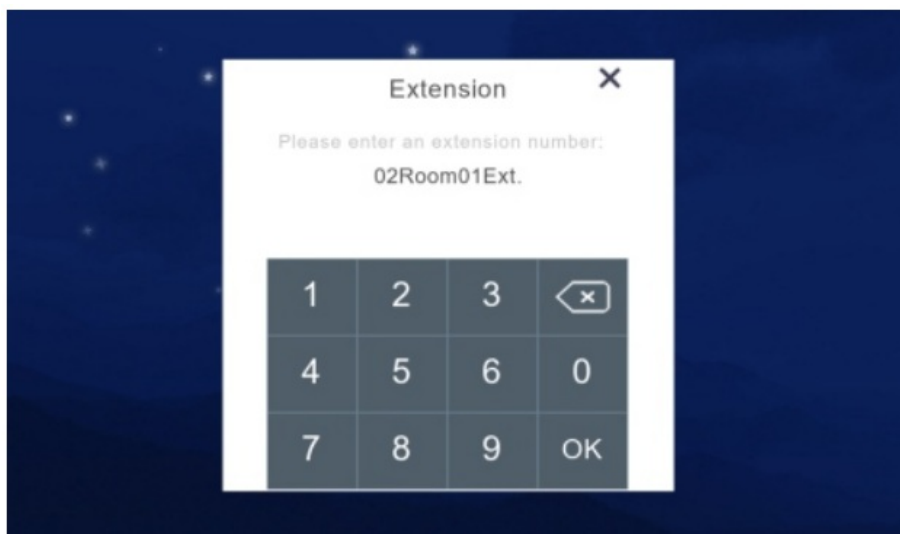
Pic 2.6

2.6.1 Monitor Extension Setting

Caution: Don't set monitor extension before setting "Door" successfully.

Apartment system—Extension unit setting Change the last two digits into 02 or another digit. (01 means master unit, the rest are slave units)


Pic 2.6.1.1

The pre 2digit means floor number, last 2digit means extension number. If one room needs more indoor monitor, then can be set with an Extension number, For example: If room 0201 need 3more monitor, can set them to be 0202,0203,02 04. One room max support 4 monitors. When you input the extension number you need to click "OK" to set it successfully.

Pic 2.6.1.2

2.6.2 System Password Setting

Click "System Password" to enter the setting menu that input the old passcode "666 666" firstly. And new passcode needs to be input twice, then, click "OK" to set it successfully.
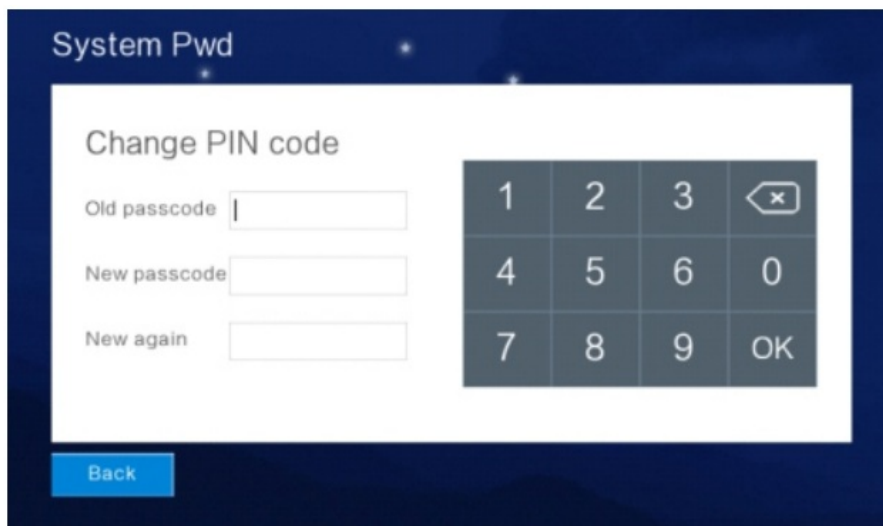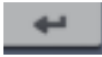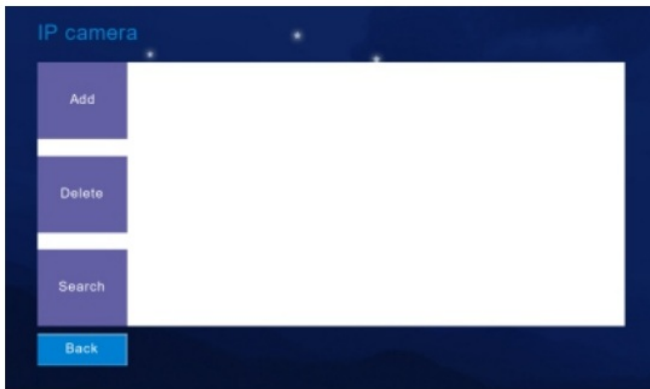
Pic 2.6.2

2.6.3 System Reset

Click "System Reset" to have a notification whether "Reset system". And click "OK" to reset the system successfully and clean all settings that you changed and recorded in the monitor, then, it will be the Factory Settings Default. Click "Cancel" which will return the System Settings Menu. As picture 2.6.3.
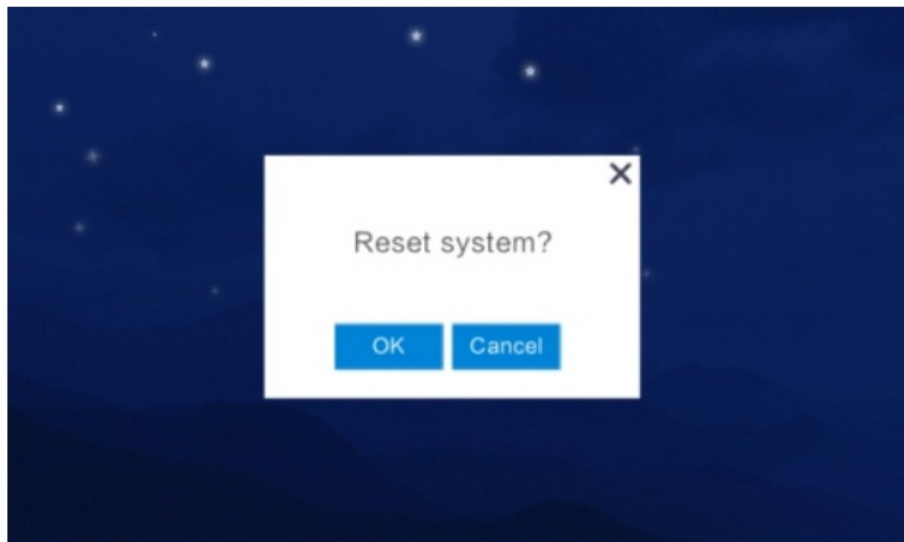
Pic 2.6.3

2.6.4 IP Camera Setting

1. Support IP Camera Protocol: Onvif or RTSP (Reference Brand: HIKVISION or Dahua).
2. When you connected the IP Camera, need to set "IP Address" in the same network segment between "IP Camera" and "Indoor Monitor".
3. Click "Add" to name "IP Camera" such as "Elevator Hall" and click "Enter / ⏎ ".Then, input " IP Camera IP Address" such as "192.168.188.2".
4. "User" need to input "Administrator Name and Passcode" which is in the User Manual of IP Camera, it will return IP Camera Menu and there is a camera name "Elevator Hall". Click "Delete" to have the IP Camera List and selected one, then, click "Delete" to have a notification whether delete it or not
5. Put the target monitoring device's user name and password to add a device.
6. Select the added setting, press the delete button, and a delete box will pop up, press "Yes" to delete the IP camera.
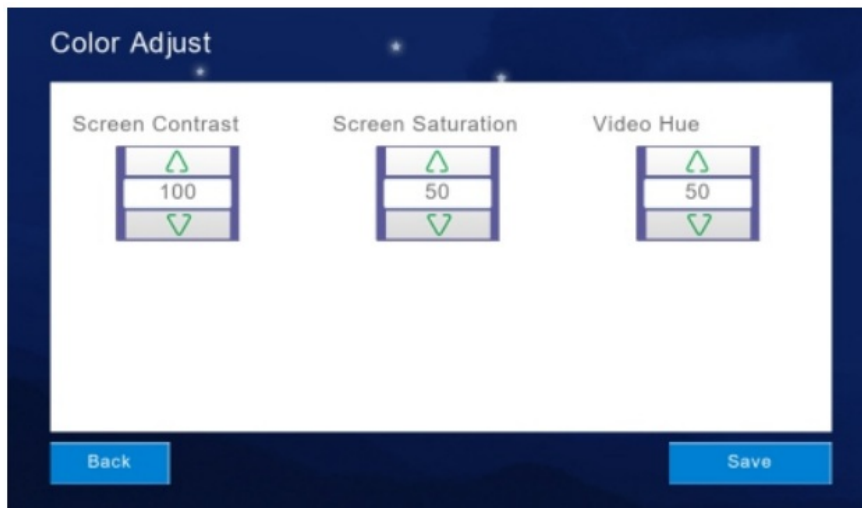
Pic 2.6.4

2.6.5 Color Adjustment

You can set the contrast, saturation, and video color of the screen. The parameter setting range is 1~100. After setting, click Save.

Click the "One Circle Button" to enter the next system settings page firstly.

"Color Adjust" is including Screen Contrast, Screen Saturation, Video Hue, Video Brightness, Video Contrast, and Video Saturation. And need to Click "Save" to set it successfully.

Pic 2.6.5

2.6.6 Software Upgrade

Caution: Don't shut off power during the software is upgrading or the indoor monitor will not work anymore.

Support SD Card Software Upgrade that needs to put "image. dd" in related SD Card.

Assembly SD Card in the indoor monitor and shut off power to reset the indoor monitor accordingly. Then, enter the "Upgrade" menu as per the above instructions.

Select "NetCfg" or "Program" to upgrade the Program and Network Configuration separately. Select "NetCfg" firstly and click "OK" to upgrade the Network Configuration, it will reboot automatically to be upgraded successfully.

Select "Program" firstly and click "OK" to upgrade the Program, it will reboot automatically to be upgraded successfully.
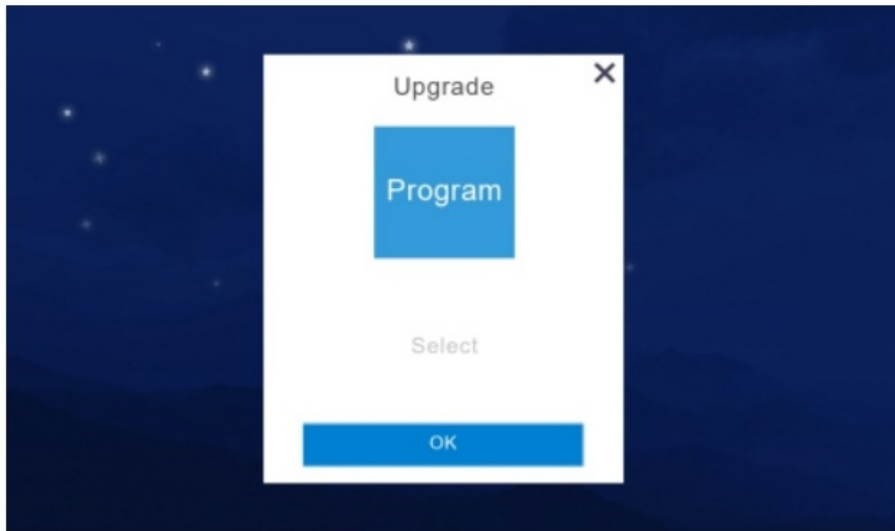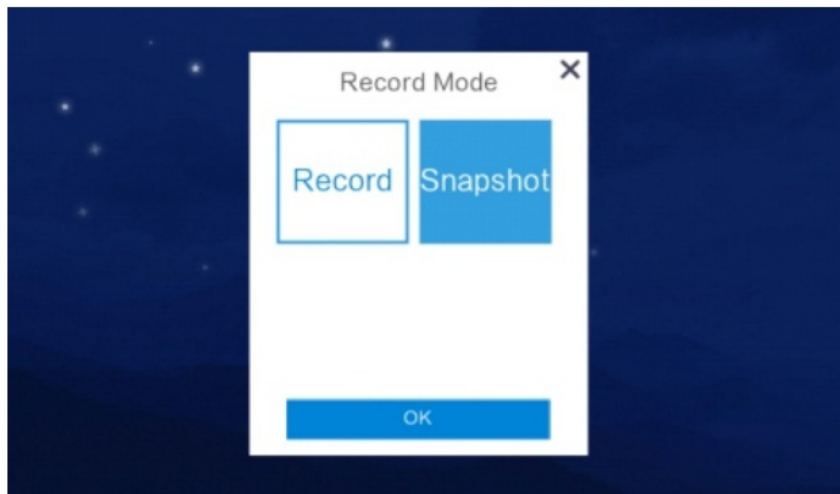
Pic 2.6.6

2.6.7 Record Mode Setting
"Record Mode" is including Record and Snapshot, to set the outdoor station record mode when the householder missed the call or answered the call.
Record is "take the video of visitor" and Snapshot is "take the photo of visitor".
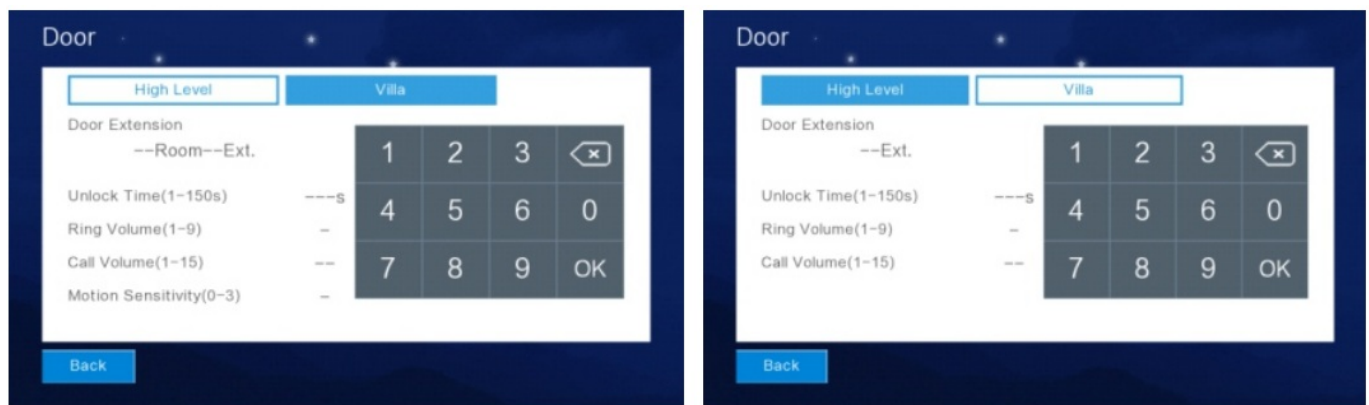

Pic 2.6.7

**2.6.8 Outdoor Station Parameters Resetting**
Support to review and change High level and Villa Outdoor Station Parameters.

1. Input "Door Extension Number" and click "OK" to have related door extension parameters such as "Unlock Time", "Ring Volume", "Call Volume", "Motion Sensitivity", and "Software Version".
2. Support to change the parameters, need to delete the previous parameters and input new ones. Then, click "OK" to change successfully.
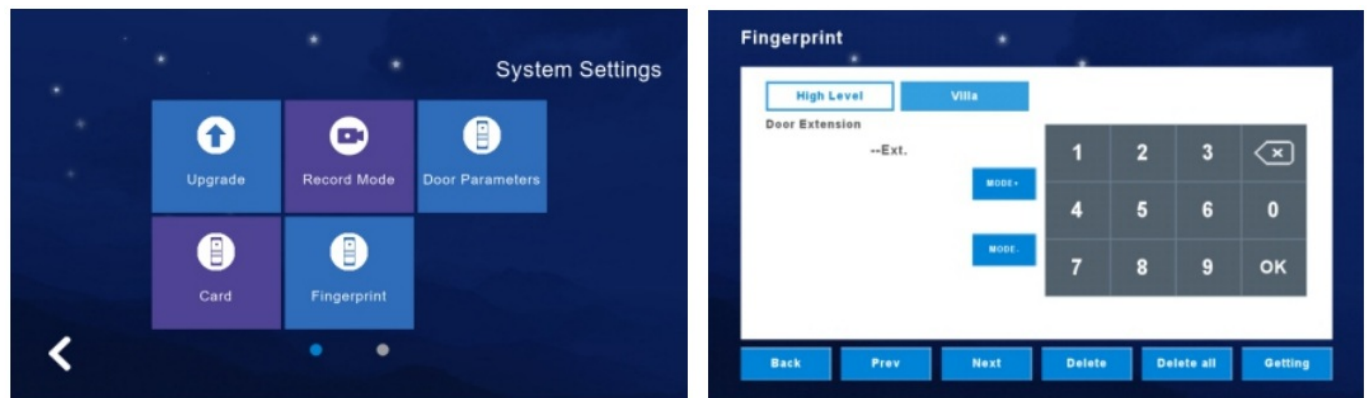
Pic 2.6.8

2.6.9 Card (only for high-level systems)
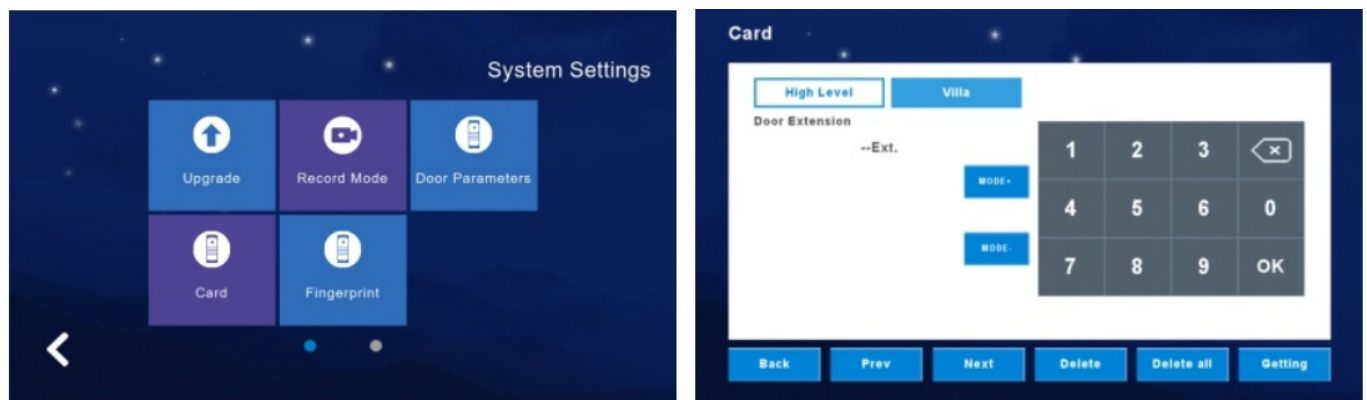
Pic 2.6.9

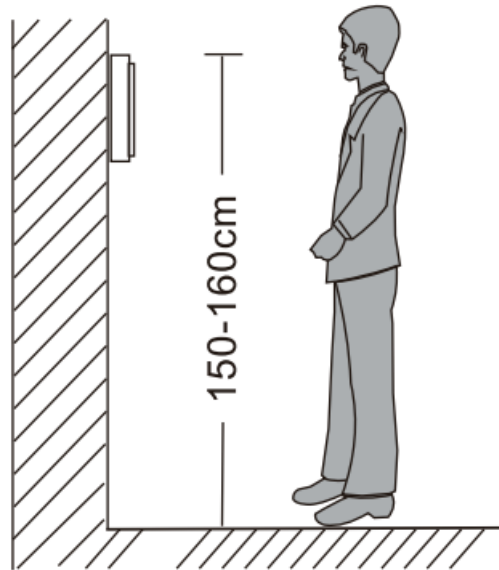## 2.6.10 Fingerabdruck (only for the high-level systems)

Pic 2.6.10

Technical Parameter

- Display: 7″ TFT LCD(color)
- Resolution: 1024*600
- Vibration: Bell 70dB
- Power: DC
- Current: <350mA
- Working temperature: -20°C~+70°C
- Max power consumption: <SW

- Installation: surface-mounted
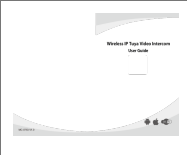
Install The Indoor Monitor

⚠ Note

- Please be far from devices with intense radiation: TV, DVR, etc.
- Do not disassemble privately to avoid the electric shock.
- Do not drop, shake or knock the device, otherwise will damage the elements.
- Choose the best position to install, the horizontal view is 150cm.
- Please power down before installation.
- Keep at a distance of more than 30cm with AC power to avoid interference.
- Away from the water, magnetic field, and chemicals.

How to install the indoor unit
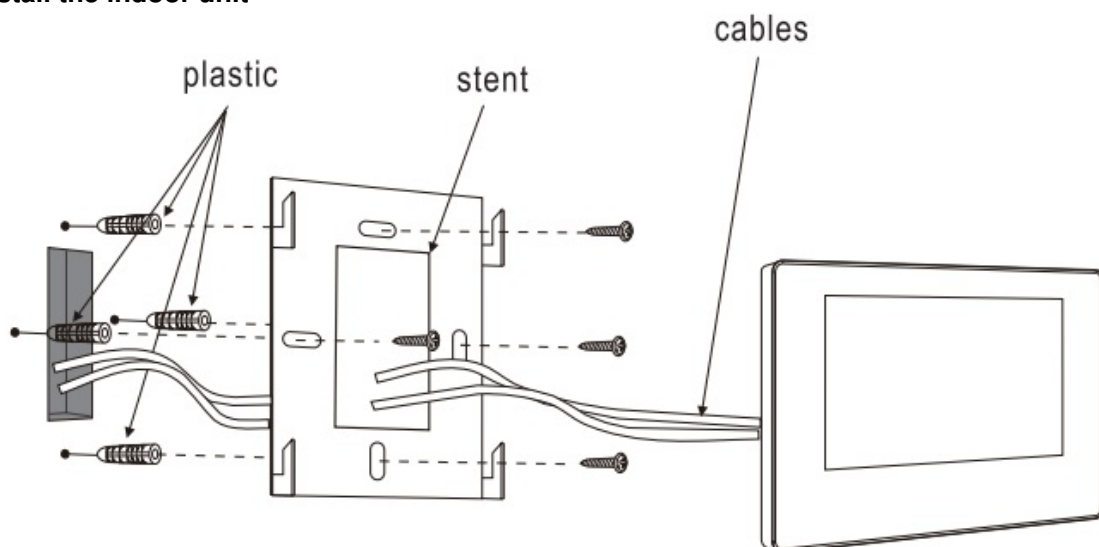
Documents / Resources

	VAIREMA Wireless IP Tuya Video Intercom [pdf] User Guide Wireless IP Tuya Video Intercom, IP Tuya Video Intercom, Wireless Video Intercom, Video Intercom, Intercom