Wireless IP Tuya Video Intercom

User Guide

Content

1 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.
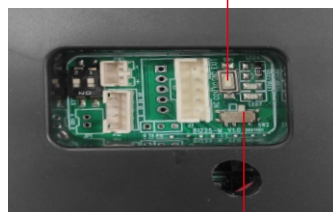
1.1 Monitor and Outdoor A pairing

The light flashes quickly when pairing is successful

Pic 1.1

Press and hold this button while pairing
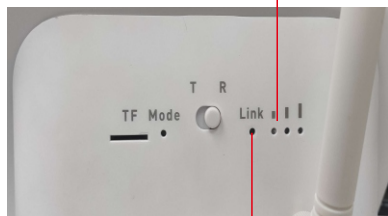
Pic 1.2

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

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2 Monitor Operation Instruction

2.1 Main GUI
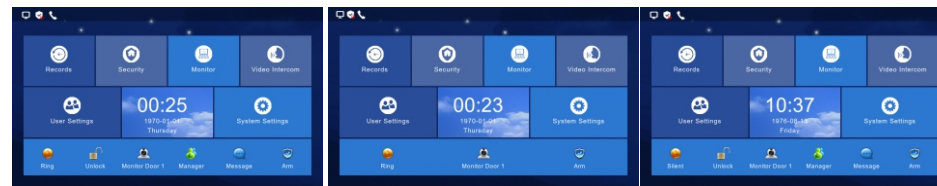
Pic 2.1

The graphic UI can be switched between apartment building, small building and villa.

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	Funciton
	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 offline or no answer.(only for apartment system)

	Community Message	Quick browse community message (Only for Apartment System)

4) Status Icon Instruction

① Network status: [icon] Connected, [icon] Disconnected,
[icon] Network Conflict.

② Security status: [icon] Arm, [icon] Disarming, [icon] Alarming.

③ Unread message: [icon]

④ Missed call: [icon]

⑤ Unread public message: [icon]

	Connected	Disconnected	IP Conflict
Network	[icon]	[icon]	[icon]
	Arm	Disamring	Alarming
Security Status	[icon]	[icon]	[icon]
	Unread Message	Missed Call	Unread public message
Others	[icon]	[icon]	[icon]

2.2 Recording Center

2.2.1 Photo Record

Storage calls, motion detections, snapshort pictures. Click "View" button can review the snapshot pictures.
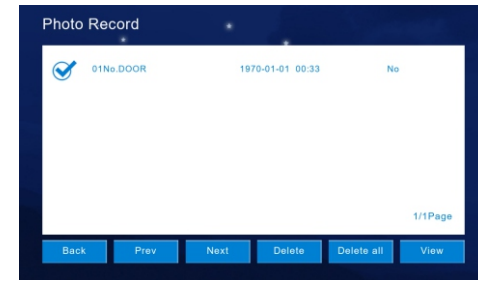
Pic 2.2.1

2.2.2 Call Record

1) The device will save the call records which includes Missed Call, Dialed Call, Received Call and records in details (Date,Time, Read Status).

2) Choose the corresponding device and Click " View [View] " to check the records in details included pictures or videos.
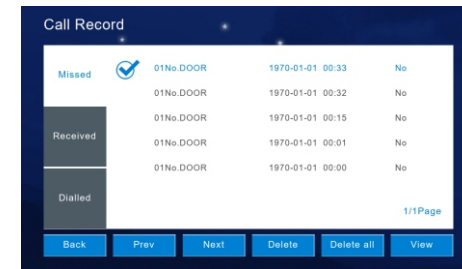
Pic 2.2.2.1

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 selected.
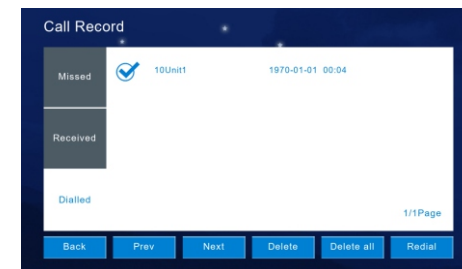
Pic 2.2.2.2

2.2.3 Message Record

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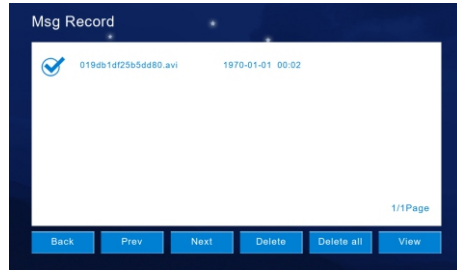
Pic 2.2.3

2.2.4 Arming Record

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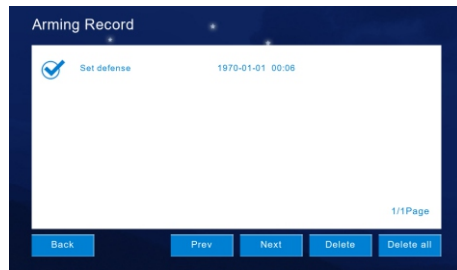
Pic 2.2.4

2.2.5 Alarm Record

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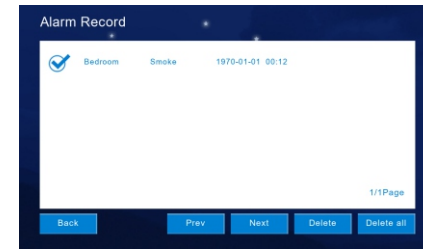
Pic 2.2.5

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.
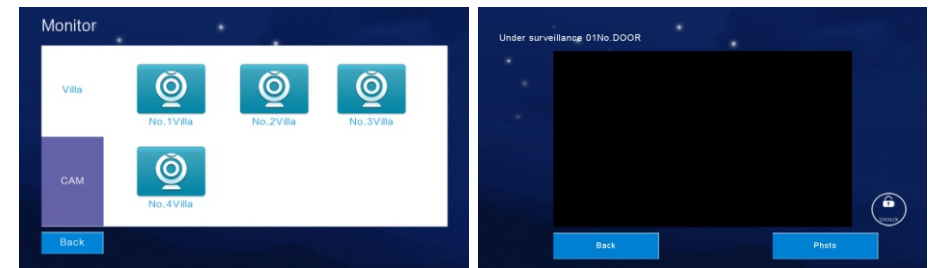
Pic 2.3

2.4 Video Intercom

2.4.1 Call Room

It can call to any online monitor which using same LAN with it, (can not call itself), input room number and call.

Internal intercom switch: After enable this function, user can be called by other users, tap the switch to become blue means enabled.
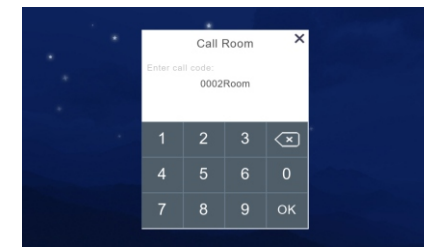
Pic 2.4.1

2.4.2 Internal Call Between Indoor Monitor Extension

After set 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 setting successfully or offline.

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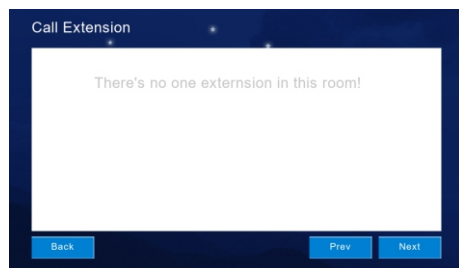
Pic 2.4.2

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 indoor monitor(very important).
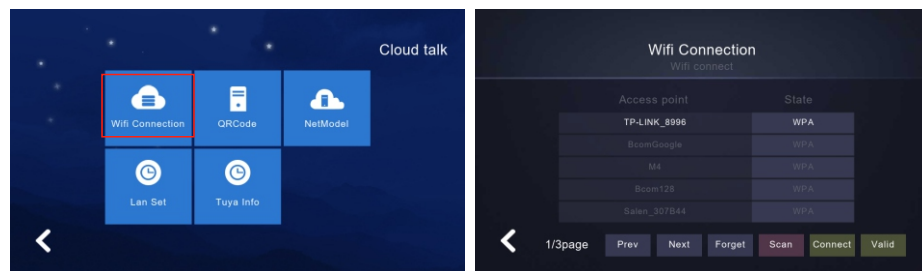
Pic 2.4.3.1

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 Google Play store, IOS download from APP store.

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

4). Login the APP after registration.

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

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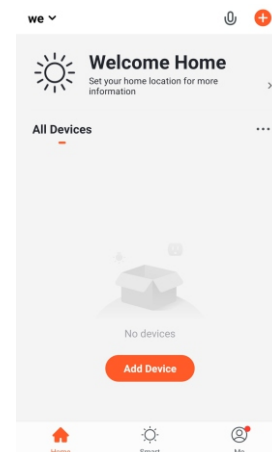
pic 2.4.3.2
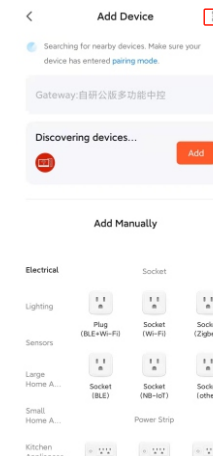
pic 2.4.3.3

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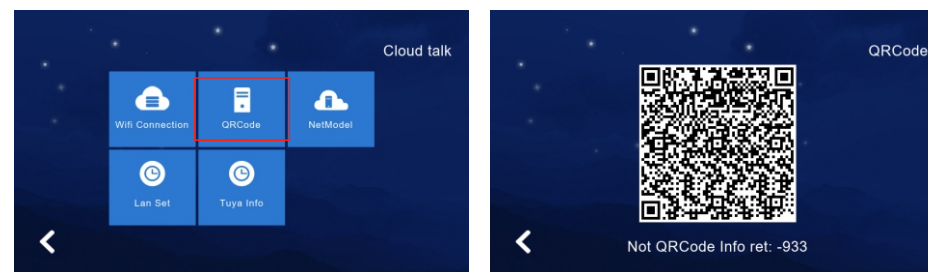
Pic 2.4.3.4

8). After scan QR code successfuly, Tuya APP turn to below interface (pic 2.4.3.5).

9). Wait the progress 100% complete, the device will be successfully added, it will enter the following interface (pic 2.4.3.6).
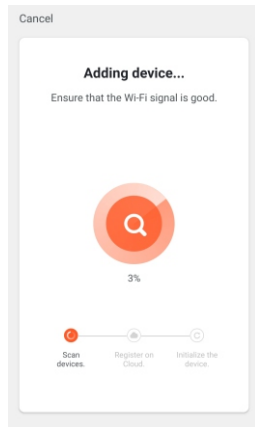
pic 2.4.3.5
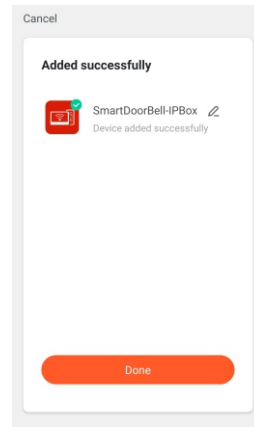
pic 2.4.3.6

APP Interface Introduction
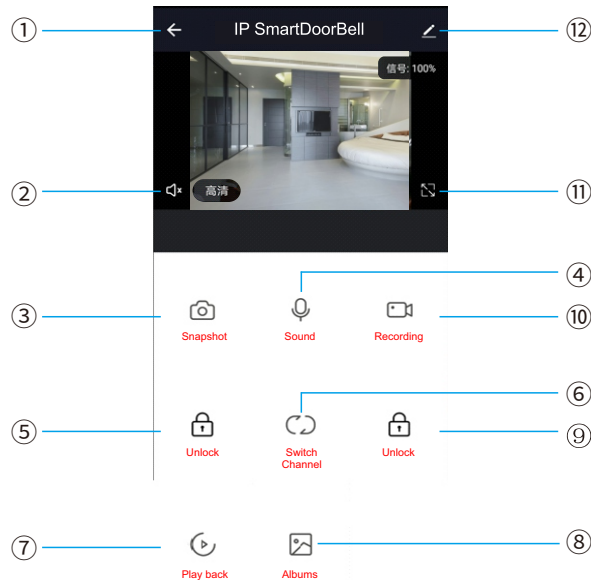
Pic 2.4.3.7

① Hang up (back): exist the interface when press this icon while talking or monitoring.

② Speaker: Can hear the voice from outdoor station when turn on, and no voice when turn off. Can not talk while monitoring.

③ Picture snapshot: Can snapshot the images while talking or monitoring.

④ Micphone: Call panel calls and answered on smartphone, turn on this icon, the micphone is on, the voice can go to outdoor station. If not turned on, outdoor station cannot hear the voice from smartphone. This functions 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 includes DOOR1, DOOR2, DOOR3, DOOR4, and matches to apartment system or high level system is NO.1 DOOR, NO.2 DOOR, NO.3 DOOR, NO.1 Villa, and matches to villa system is NO.1 Villa, NO. 2 Villa, NO.3 Villa, NO.4 Villa.

⑦ Play back: Click here for video play back when have SD card in the monitor and Recording function on APP is on.

⑧ Pictures: The snapshot pictures or recorded videos while talking or monitoring saved here. (only for Android smartphone, for IOS phone, it saved in Camera on smartphone.)

⑨ Monitor Unlock: Unlock the lock that connected to the indoor monitor while talking or monitoring. (only for the indoor monitor has monitor relay function).

⑩ Video Recording: Start record video while talking or monitoring.

⑪ Full Screen: display the image full screen.

⑫ Settings
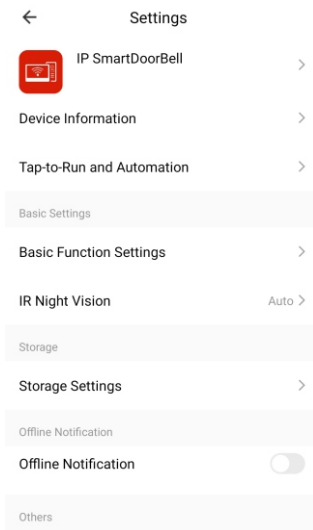
Pic 2.4.3.8

a. Available to, modify the device name.

b. Available to view the device info.

c. Available to set the talking mode as single model or double mode at basic settings (Default as single mode).

d. Have Saving Settings if indoor monitor has SD card. Can view the storage capacity, the event records when the video recording mode is on.

e. Available to share the device to other smartphone.

f. Delete the device if need to unbin the device from the smartphone.

Sharing with other phone user:

There are two ways to share your device to 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.

(i) NOTE:

a. All member in same device can get the message once visitor call from 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 "One Circle Button" to enter the next user settings page.
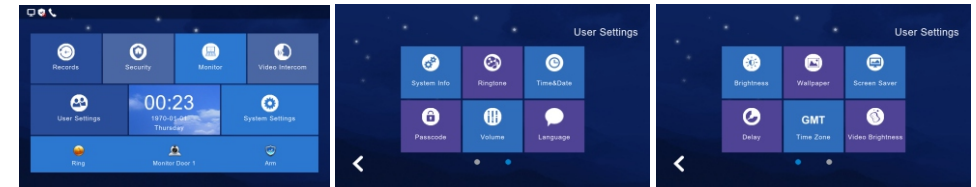
Pic 2.5

2.5.1 System Info

Click "System Info" to know the details: IP address, Extension Code , Mask, Network Configuration Version, 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, click "read" to get the ID number.
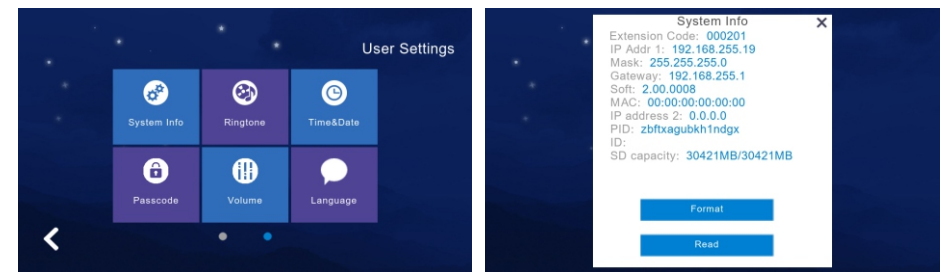
Pic 2.5.1

2.5.2 Ringtone Setting

Support to set the ringtone when the indoor monitor call other device or is called by other device.

-Available to select the ringtone in "ring" folder from SD Card.
-When you selected one ringtone and click "Listen" for the audition.
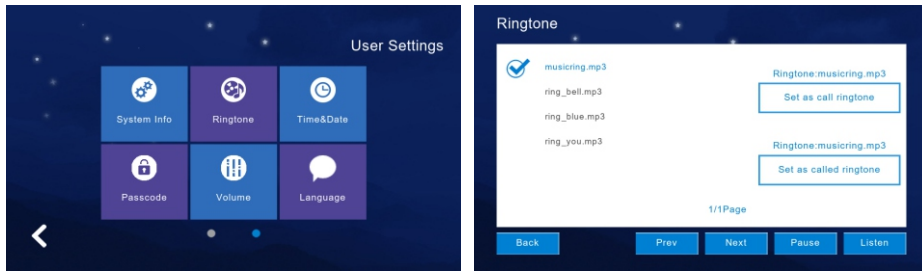
Pic 2.5.2

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.
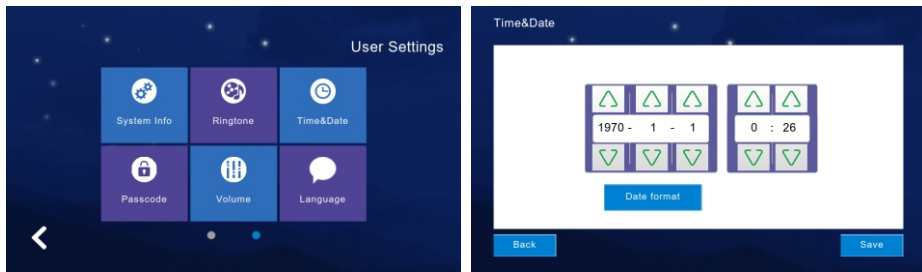
Pic 2.5.3

2.5.4 Passcode Setting

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

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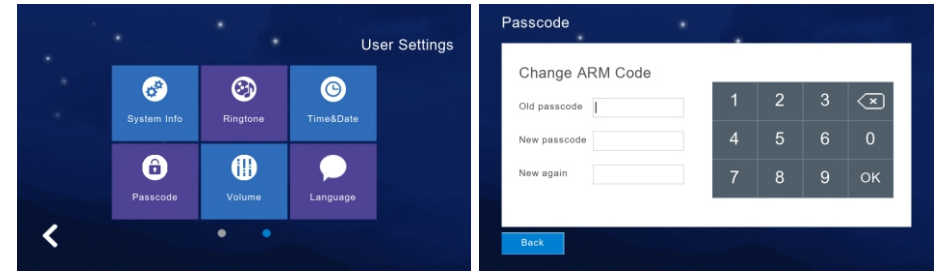
Pic 2.5.4

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 ,that need to Click "OK" to set successfully if you adjusted the volume.

 △ : Increase the volume (+)

 ▽ : Decrease the volume (-)

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

2) Key tone switch: turn on or off the key tone, click it to turn dark blue means turn on.
3) Voice Message On/Off: Remind to leave messages when not answered the call from the visitor at outdoor sation. Default is off, click to dark blue is on.
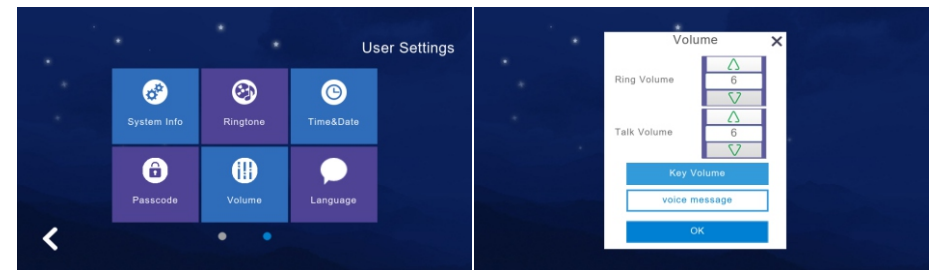
Pic 2.5.5

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, Bulgarian. When selected one language and need to click "OK" to set 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 successfully if you adjusted the brightness.

△ : Increase the brightness (+)

▽ : Decrease the brightness (-)

Note: *"60" as 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 selected one picture, click "Set as wallpaper" to set successfully. And it is available for selecting the picture in "Wallpaper" folder from SD Card.
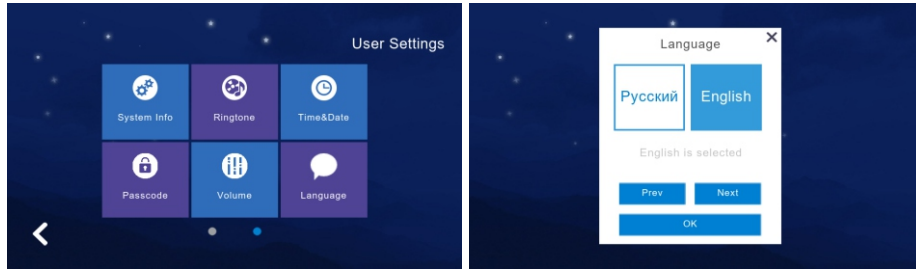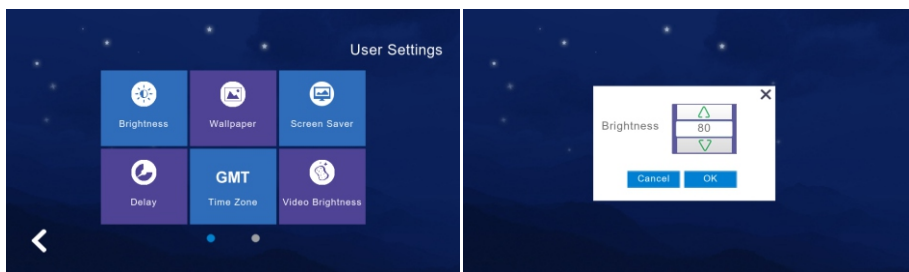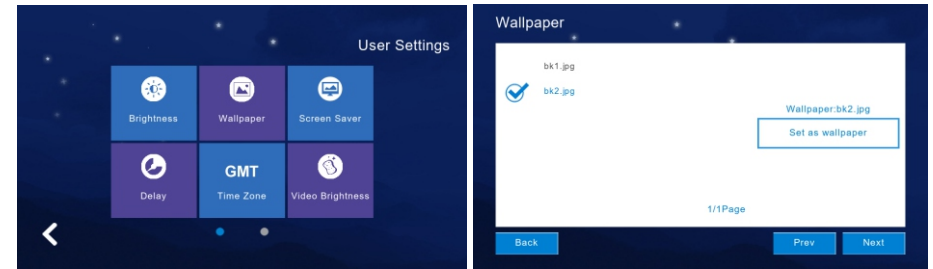

Pic 2.5.8

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", "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 successfully. Screen saver will turn off if without any operating in 60s.

--" Black " is stand for " Black Screen Saver ".
--" Time " is stand for " Time Screen Saver".
--" Clock " is stand 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 the standby mode, after carousel one hour the screen will be turned off.

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

3. The pictures put in "screensaver" has below requirements:
   Picture format is JPG
   Picture resolution≤1920*1080
   Picture file size ≤ 3 MB
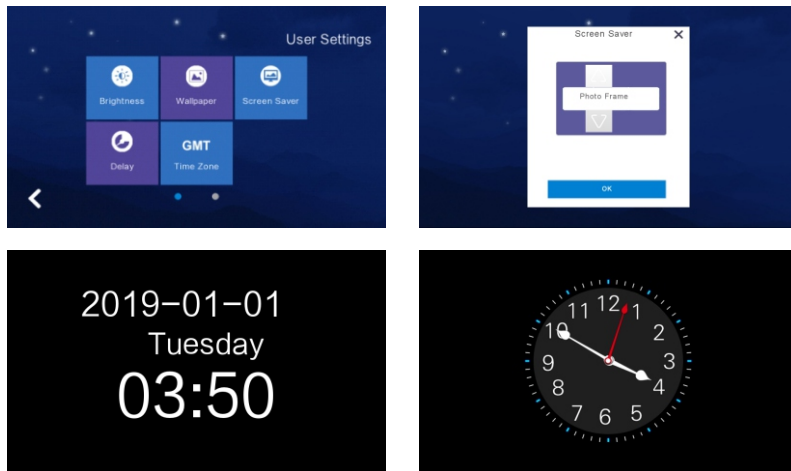
Pic 2.5.9

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, 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, 60 seconds, the default value is 60 seconds): set the time from when the alarm is triggered to the make the alarm sound.

Alarm sound duration (can be set to 3, 5, 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.
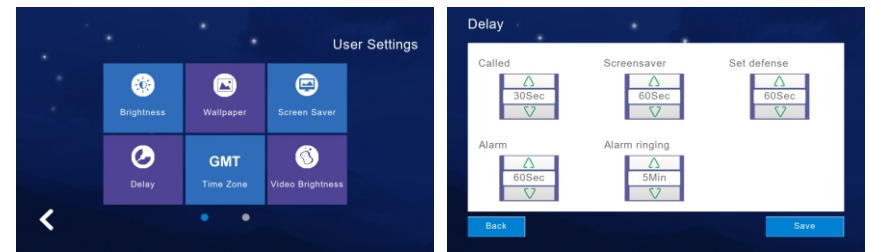

Pic 2.5.10

2.5.11 Time Zone Setting

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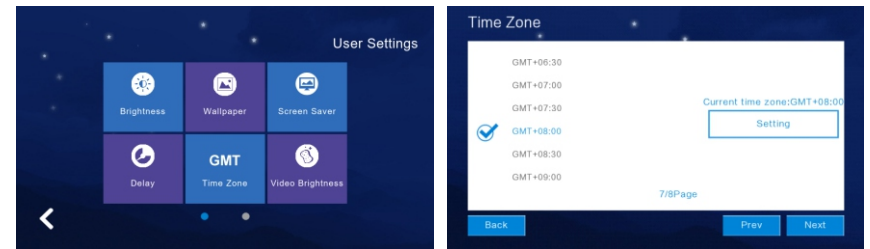
Pic 2.5.11

2.5.12 Video Brightness

Adjust video's brightness, contrast, saturation, 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 setting monitor extension before setting "Door" successfully.

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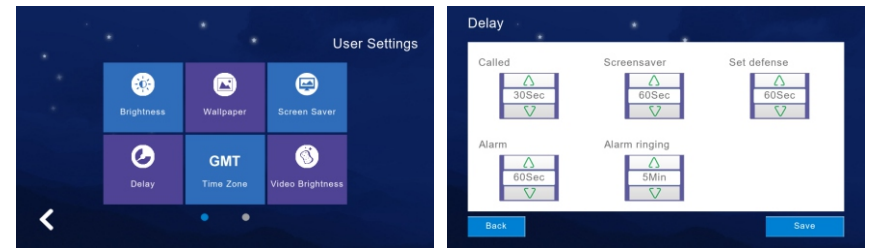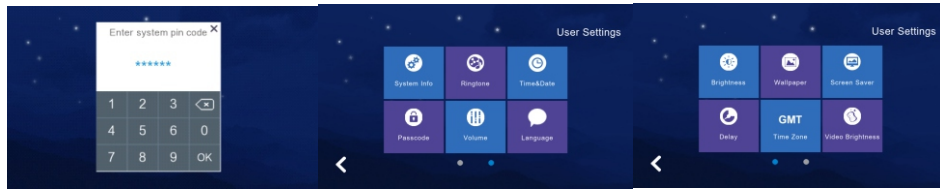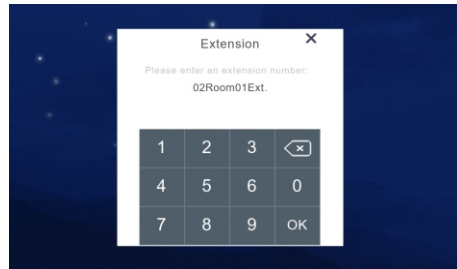
Change the last two digits into 02 or other digit. (01 means master unit, the rest are slave units)

Pic 2.6.1.1

The pre 2digit means floor number, last 2digit means extension number. If one room need more indoor monitor, then can set with Extension number, For example: Room 0201 need 3more monitor, can set them to be 0202,0203,0204. One room max support 4 monitor.
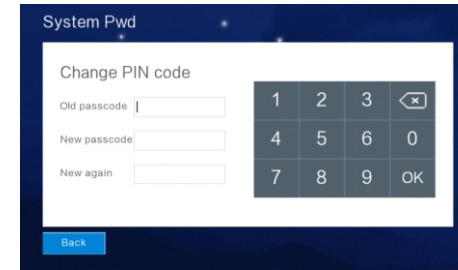When you input the extension number that need to click "OK" to set successfully.
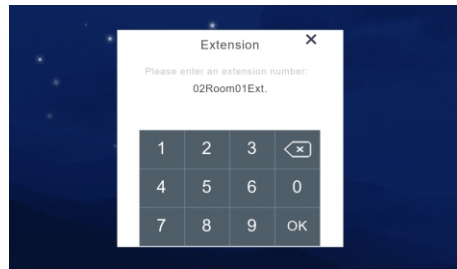
Pic 2.6.1.2

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 need to input twice, then, click "OK" to set 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 that clean all settings what you changed and records in the monitor, then, it will be the Factory Settings Default. Click "Cancel" will return the System Settings Menu. As picture 2.6.3.
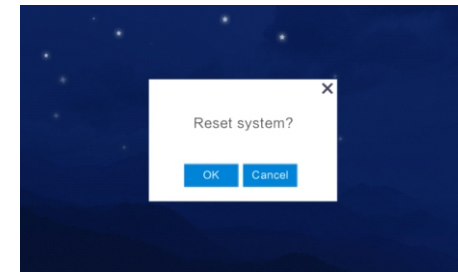
Pic 2.6.3

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 User Manual of IP Camera, it will return IP Camera Menu and there is a camera name "Elevator Hall". Click "Delete" to have IP Camera List and selected one, then, click "Delete" to have a notification whether delete it or not.

5). In put the target monitoring device's user name and password to add device.

6). Select the added setting, press delete button, a delete box will pop-up, press "Yes" to delete the IP camera.
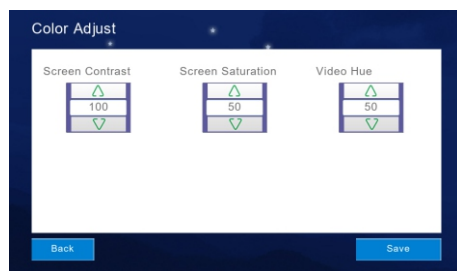

Pic 2.6.4

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 "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, Video Saturation. And need to Click "Save" to set successfully.
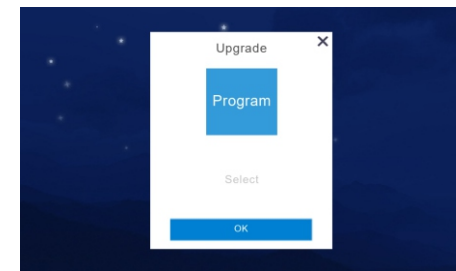

Pic 2.6.5

2.6.6 Software Upgrade

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

Support SD Card Software Upgrade that need 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 "Upgrade" menu as 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 upgrading successfully. Select "Program" firstly and click "OK" to upgrade the Program, it will reboot automatically to be upgrading 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".
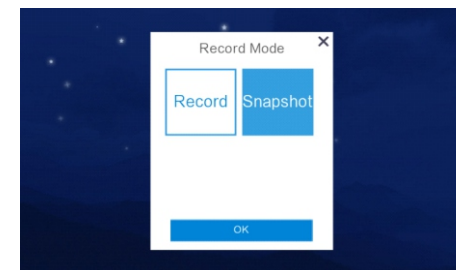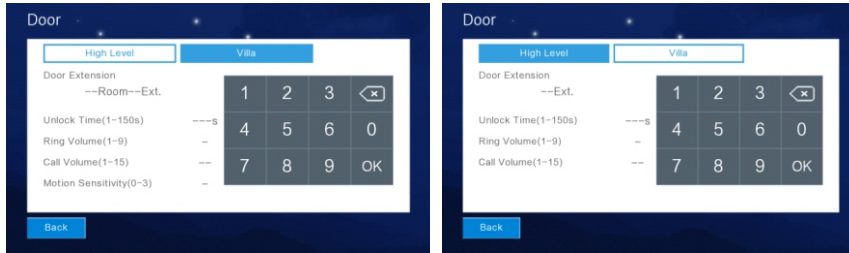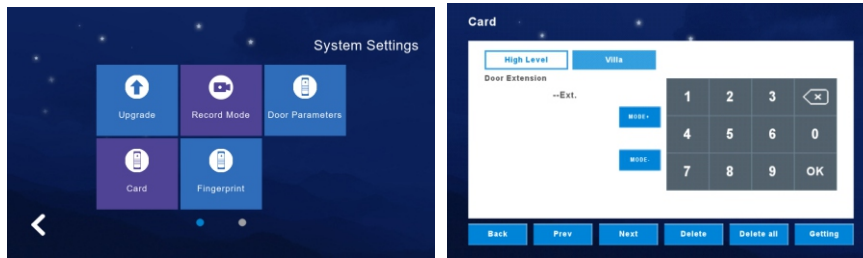

Pic 2.6.7

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", "Software Version".

2). Support to change the parameters, need to delete the previous parameters and input new ones.Then, click "OK" to change successfully.
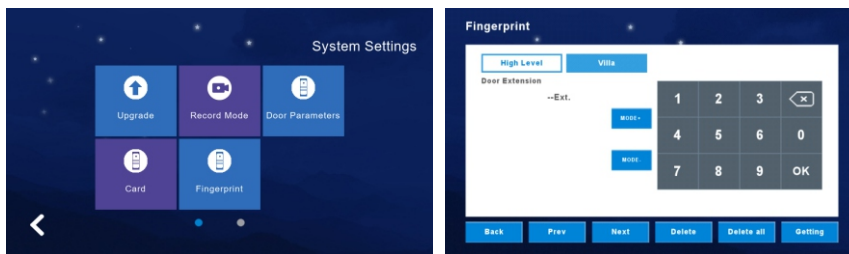

Pic 2.6.8

2.6.9 Card (only for high level system)

Pic 2.6.9

2.6.10 Fingerabdruck (only for high level system)
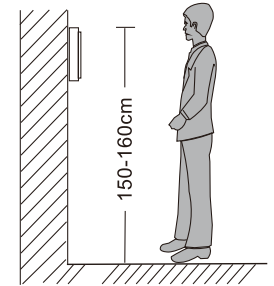

Pic 2.6.10

3 Technical Parameter

- Display: 7" TFT LCD(color)
- Resolution: 1024*600
- Vibration: Bell≥70dB
- Power: DC
- Current: ＜350mA
- Working temperature: -20℃~+70℃
- Max power consumption: ＜5W
- Installation: surface mounted

4 Install The Indoor Monitor

⚠ Note:

- Please be far from the 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