

Low Power Wireless Video Doorbell Manual

Version: HA21M01D01D001

Contents

I Video doorbell packing list.....	6
II Video doorbell Introduction.....	6
1. Appearance Introduction.....	6
2. Installation Guide.....	9
3. Specification.....	10
4. Main Management Functions of Software.....	11
III Software Download.....	12
Software introduction.....	12
(I) Add new device to ISO App.....	12
1. Network configuration.....	13
2.Add new devices.....	19
3.IOS APP Menu introduction.....	20
4. IOS APP Main page introduction.....	21
5. IOS APP Monitoring functions.....	23
5.1 Volume.....	23
5.2 Playback.....	24
5.3 Scene mode.....	24
5.4 Full Screen.....	26

5.5 Screen Shot.....	26
5.6 Speak.....	27
5.7 Video record.....	27
6.IOS App User management functions.....	27
6.1 Add Verified Users/ QR code Share.....	27
6.2 Delete verified users.....	30
7.IOS APP device management function.....	31
7.1 Ultra Low Power Consumption / Device Indicator Light / Night Vision Infrared Light configuration.....	34
7.2 Video Length Setting.....	36
7.3 Motion Detection Sensitivity Configuration.....	37
7.4 Ring volume setting.....	38
7.5 Intercom volume settings.....	39
7.6 View TF card capacity.....	41
7.7 Format TF card.....	42
7.8 Device information and number.....	43
7.9 Device nickname modification.....	44

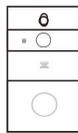
8. The IOS App message receiving and pushing.....	45
8.1 Doorbell call pushing.....	45
8.2 PIR Mobile Detection Pushing.....	46
9.Upgrade Operation.....	47
10. Modify the time zone.....	48
11. Message page description of IOS System.....	49
12.File Page Description.....	50
13. Help Page Description.....	52
14. General Page Description of IOS System.....	53
(II)Add new device to Android APK.....	54
1. Android Device Network configuration.....	55
2. Add new devices.....	61
3. Android APK Menu introduction.....	62
4. Android APK Main page introduction.....	63
5.Android APK Monitoring functions.....	66
5.1 Volume.....	66
5.2 Playback.....	66

5.3 Scene mode.....	67
5.4 Full Screen.....	68
5.5 Screen Shot.....	68
5.6 Speak.....	69
5.7 Video record.....	69
6.Android APK User management functions.....	69
6.1 Add Verified Users/ QR code Shar.....	70
6.2 Delete verified users.....	71
7.Android APK device management function.....	72
7.1 Ultra Low Power Consumption / Device Indicator Light / Night Vision Infrared Light configuration.....	75
7.2 Video Length Setting.....	75
7.3 Motion Detection Sensitivity Configuration.....	76
7.4 Ring volume setting.....	78
7.5 Intercom volume settings.....	79
7.6 View TF card capacity.....	80
7.7 Format SD card.....	80

7.8 Device information and number.....	81
7.9 Device nickname modification.....	82
8.The Android APK message receiving and pushing.....	83
8.1 Doorbell call pushing.....	83
8.2 PIR Mobile Detection Pushing.....	83
9.Upgrade Operation.....	84
10. Modify the time zone.....	85
11. Message page description of Android System.....	86
12.File Page Description.....	86
13. Help Page Description.....	88
14. General Page Description of IOS System.....	89

I Video doorbell packing list

After opening the package, please make sure the doorbell (hereinafter referred to as the “Equipment”) is in good condition verify parts below is complete)



1.Equipment

2.Screw Package

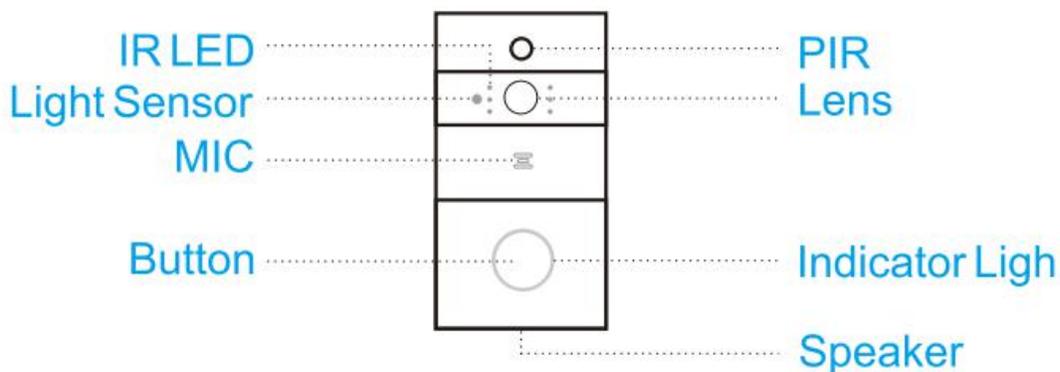
(Including Mounting Bracket) (Including Conductive Screw)

3.Manual



II Video doorbell Introduction

1. Appearance Introduction



IR LED: The ambient light is not enough, to enable the infrared light, increase the environmental brightness

Light Sensor: Used to collect environmental brightness value, when the intensity of illumination is less than 2 Lux, enable the IR LED

MIC: Audio capture Button The doorbell button

PIR: When human body movement in front of the equipment, the equipment could be made the notification to your mobile phone.

Lens: video image capture

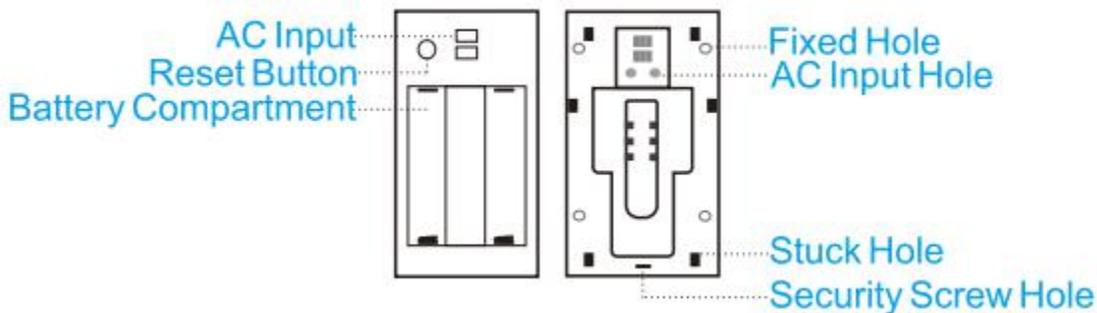
Indicator Light:

The red light flashing slow: the equipment is waiting for network configuration

The blue light flashing slow: the equipment is working on the live view.

Alternating red and blue lights flashing: the Wi-Fi connection is failed.

Speaker: Make a sound of the equipment, and voice intercom



AC Input: Power is supplied to the equipment by installing the AC input supply hole on the mounting bracket.

Reset Button: Equipment working status, long press 5 seconds to restore factory settings.

Battery Compartment: 2x18650 batteries are needed (not included)

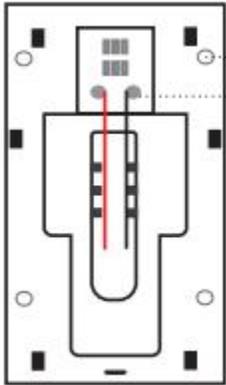
Fixed Hole: Fit the support on the wall with the mounting screws for the mounting kit.

AC Input Hole: The power supply of the equipment can be supplied by connecting the hole and the AC power supply on the wall.

Stuck Hole: Mounting the equipment onto the bracket.

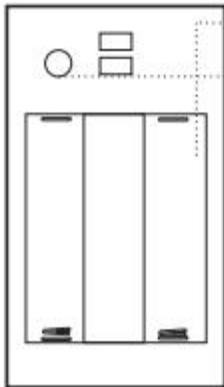
Security Screw Hole: Mounting the security screw on the fittings to prevent the equipment from being removed.

2. Installation Guide



1. Use the screws in the mounting kit to fit the bracket on the wall.

2. Connect the external power cord to the AC external power supply hole. (Optional, you can also choose batteries to charge)



3. Mounting two 18650 batteries (not included)

4. Press the reset button for 5 seconds, waiting for the indicator light to slow down (The equipment should be in working condition, long press, sleep state is invalid).

5. Cover the battery cover, align the equipment and the bracket, push down and lock the security screws to complete the installation.

3. Specification

Low-power intelligent security solutions-Video doorbell to provide the following features: wireless connection, ultra-low power consumption, remote active wake-up doorbell, fast start.

Note: Two 18650 batteries(total 6800 mAh), can be work for 8-12 months if device to be woke up 15min per day.

Sensor	1/4 CMOS
Resolution	1280*720
Lens Angle	166°
IR LED	6X850mm 5M at night
WIFI	IEEE 802.11 b/g/n
Audio	Two-way talking with noise cancellation
Recording	TF card recording
Storage	8G / 16G / 32G (8G TF card included)
Battery	2x18650 batteries needed(not included)
Monitoring	Device Button, Motion Detection, Remote Live View
Device makeup	Within 600 ms
Notification	Push notifications within 1 second
Power Consumption	Standby 250uA, Working 170mA

4. Main Management Functions of Software

- Video doorbell equipment management functions, including adding doorbells, remove the doorbell. This software can manage 18 video doorbells.
- You can configure the WiFi network of the video doorbell via software.
- Receive messages for the visual doorbell, including device on-line push, doorbell call push and motion detection (PIR) push, and manage push messages.
- Support mobile phone remote wakeup within 1 second for real-time video and talk, take photos, record video etc through APP in TF card.
- Set the functions of the visual doorbell, including the device automatic video recording setting, prompt light setting, the motion detection sensitivity setting, the night vision photosensitive sensitivity setting, the equipment ultra low power setting, the bell volume setting, the interphone volume setting, the video Scene mode settings, doorbell SD card capacity check, format SD card, doorbell software upgrade, device time zone.

Support:

- **Android: Android 4.2 or above;**
- **IOS: IOS9.0 or above.**

III Software Download

From Google Play market or IOS APP Store search “To SEE”,open software.(For the better user experience, please allow all notification permissions to prevent notifications from getting).



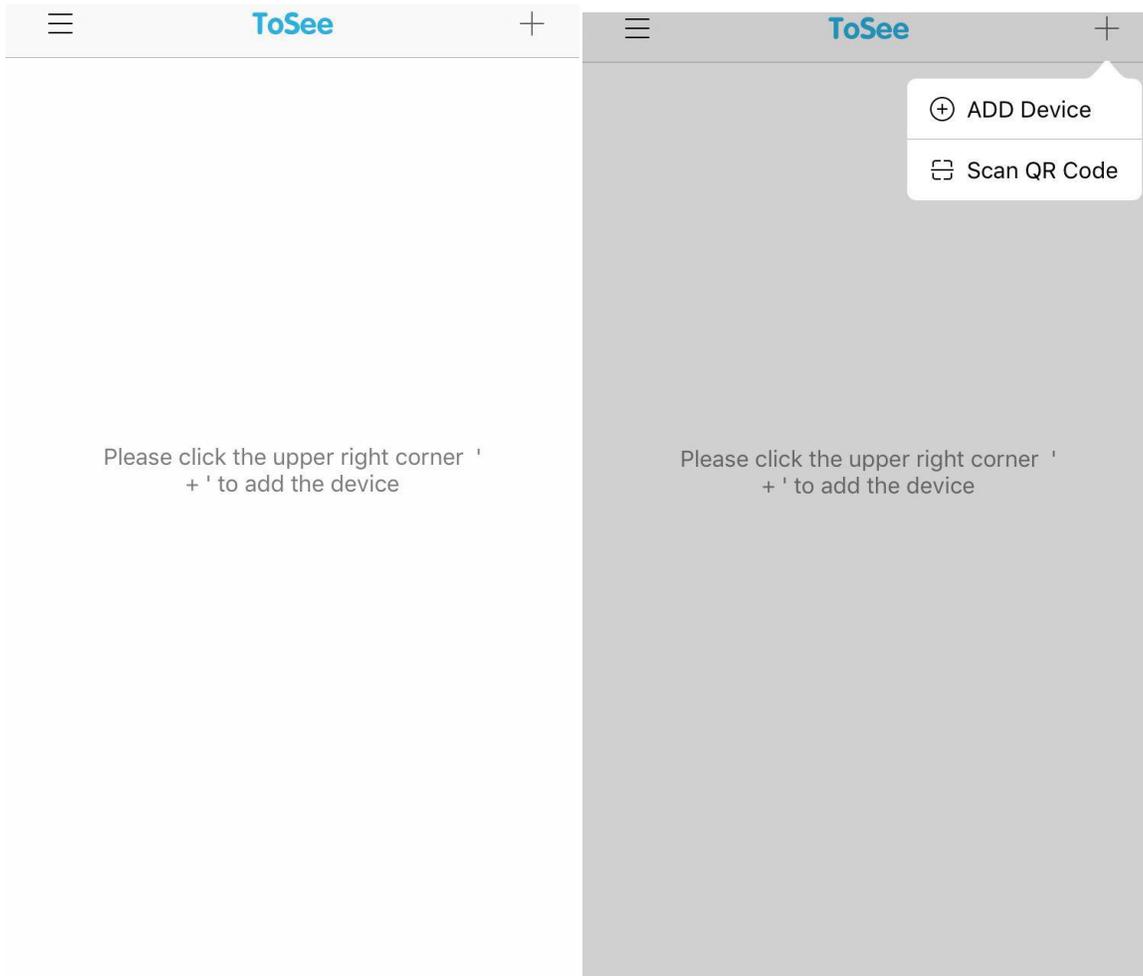
Software introduction

(I) Add new device to ISO App

After entering APP, display the guide page and click Add device button  in the upper right corner.

There are two ways to add a device

1. Select  ADD Device the device can be added when set network configuration at first time as an administrator.
2. Select  Scan QR Code to add a device by scanning a QR code or a local QR code picture.

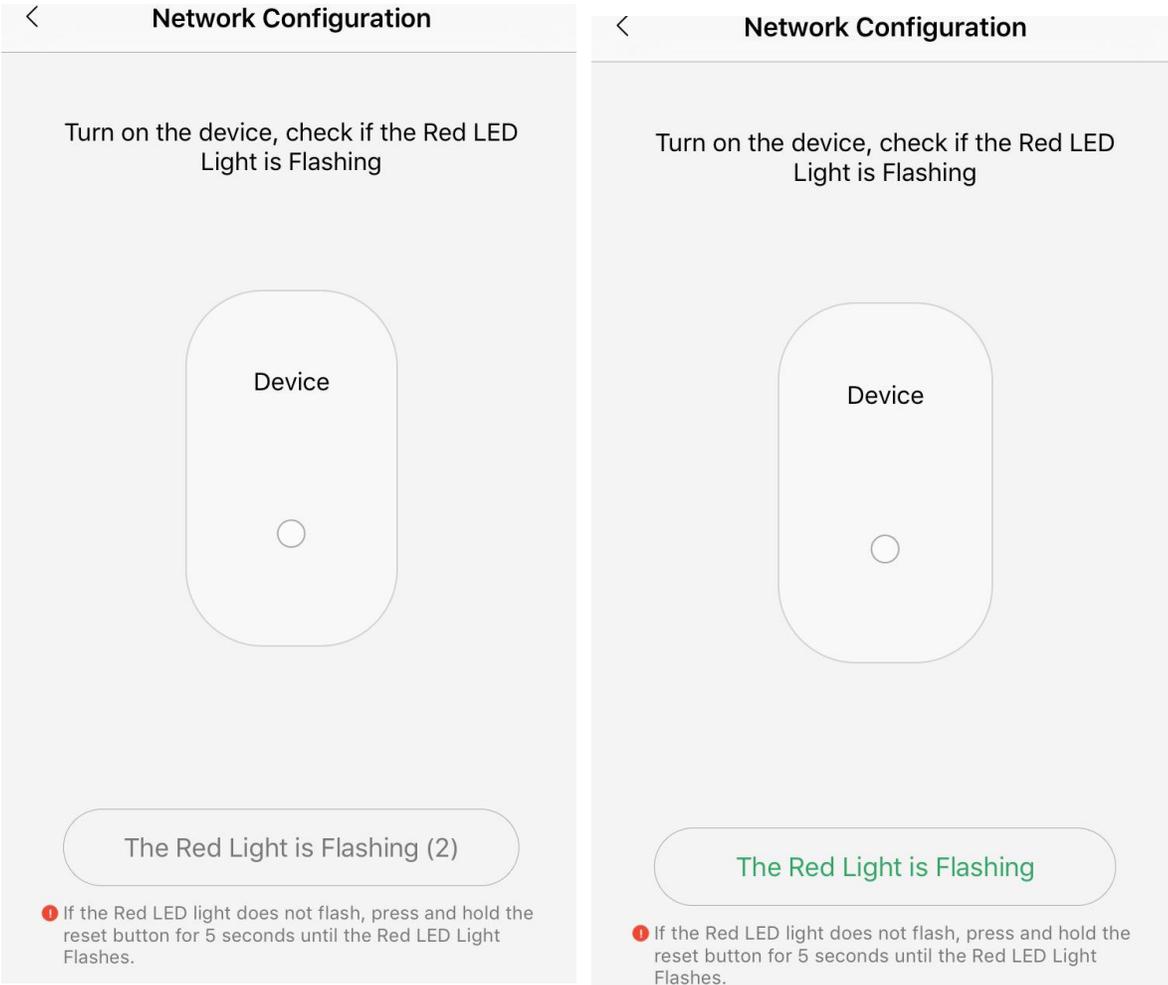


1. Network configuration

Choose **+** ADD Device, you can configure network for new device or reconfigure network for current device, and add device as an administrator.

Set up a Wi-fi that can connect to the public network, the device will be connected through the configuration of this Wi-fi.

Before adding the device, please press the reset button for more than 5S. After the device reboots, enter the network configuration mode. It's possible to observe whether the device enters the network configuration mode by the lamp status: The red light flashes once every 1 second.



Wait 5s and then click:

The Red Light is Flashing

to enter the

network configuration page. Click [Enter the Configuration Interface](#) go to setting Wi-fi page. Select the "TOSEE_" Wi-fi, this Wi-fi has no password at first. After connecting to device, back ToSee APP.

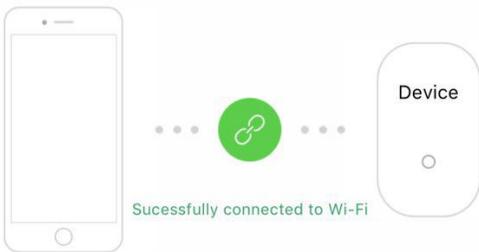
The screenshot shows a mobile application interface for network configuration. On the left, a 'Network Configuration' screen displays instructions: 'The device will open WiFi with " TOSEE_" field' and 'Click the button below to enter the Configuration interface to connect the Wi-Fi.' Below the text is a diagram of a smartphone and a 'Device' connected by a 'Disconnected' status. A button labeled 'Enter the Configuration Interface' is visible at the bottom of this screen, with a red information icon and a link 'How to connect the device?' below it.

On the right, the 'Settings' screen shows the 'WLAN' section. The WLAN toggle is turned on. The selected network is 'TOSEE_f4-77-58' with a checkmark and the note 'No Internet Connection'. Below this is a list of other available networks: '555555', 'am', 'CHENLIN', 'Kathryn', 'L B L', 'LBLJK', and 'TP-LINK_51C0'. At the bottom of the settings screen, there is an 'Enable WAPI' toggle which is currently turned off.

APP Network Setting Configuration shows “Successfully connected to Wi-Fi”, it means phone was successfully connected with the device. Click “Next”, enter the password of Wi-fi and SSID, then click “Next”.

< Network Configuration

The device will open WiFi with " TOSEE_ "field
Click the button below to enter the Configuration interface to connect the Wi-Fi.



Next

❗ [How to connect the device?](#)

< Network Configuration

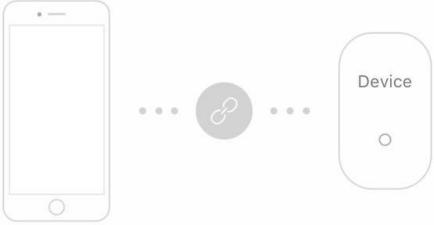
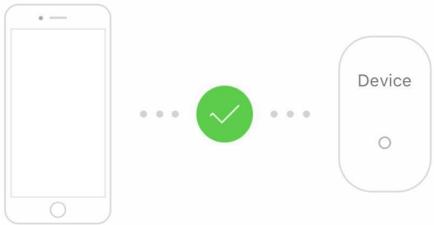
Please configure Wi-Fi settings, enter the WiFi password.

Please enter WiFi password 

❗ Input any eight digit password if there is no set password.

Next

Enter the admin password of the device, pay attention to the warning. Then click the “Next”, APP will send the data to the device to complete the matching. Enter the name of device then click “Complete”.

< Network Configuration	Network Configuration
<p>The device administrator password is used to share and configure the device. Please keep it secure.</p> 	<p>Success!</p> 
<p>Input the device administrator password. </p> <p><input type="password"/></p> <p>Next</p> <p>Warning: If the device administrator password is forgotten, reset the device to factory default and reconfigure the network.</p>	<p>Please edit the device name. Example: Front Door, Living Room</p> <p><input type="text" value="003231"/></p> <p>Complete</p>

Status introduction of Indicator of Network configuration:

- The red light flashes once every 1 second: the device stays in the AP network configuration mode.

Possible reasons are: 1) the phone is not connected to Wifi from the device, failed to complete the configuration. 2)

Configured the wrong WiFi account, the device failed to search for the right WiFi. Resulting in device configuration failure, stay in AP network configuration mode.

Recommendation: Reconfigure WiFi account.

- The red and blue lights flash one time alternately every 1 second, the device standby after 20 seconds. Wake up, the light's status is unchanged: the device is out of net.

Possible reasons are: Connect the correct WiFi account, but entered wrong WiFi password. Causing the device to fail with WiFi, stuck in the unconnected state.

Recommendation: Reconfigure WiFi information.

- Blue light flashes one time every 1 second, the device standby after 20 seconds. Wake up, the light's status unchanged: the device has been properly connected.

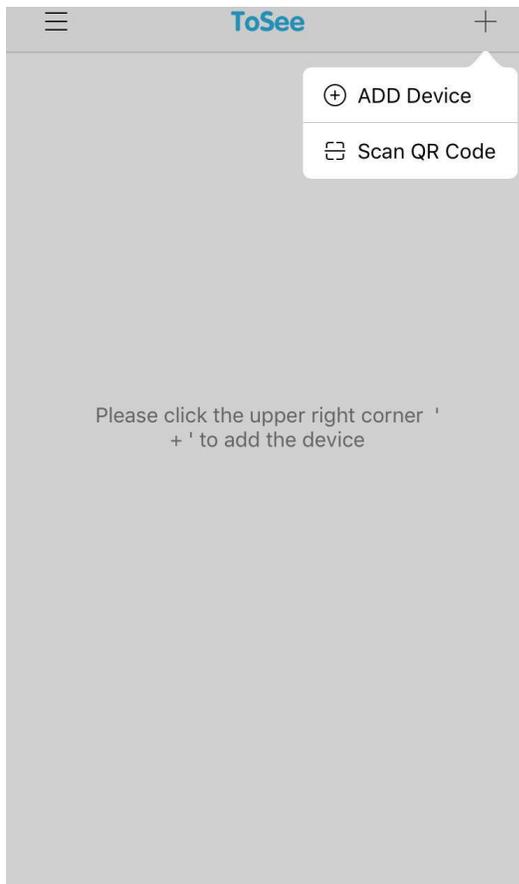
Note: During the networking of the device, the red light may flash alternately with blue light for some time, and then the blue light will be always flashing when the device connected to net.

2.Add new devices

User can only add device by scanning the QR code administrator shared to . For information on how to share the QR code, refer to the User Management section.

Choose  Scan QR Code you can add a device by scanning a QR code or a local picture of QR code.

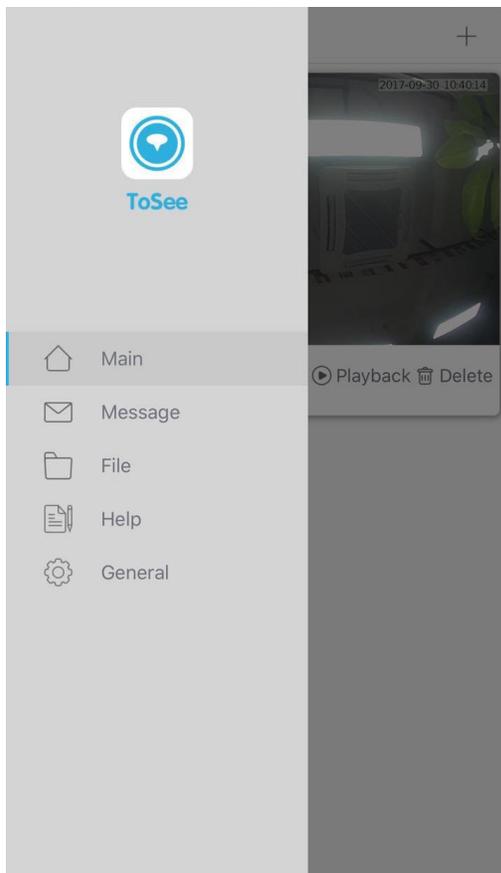
Place the QR code in the scan frame to automatically scan. Or select "album", select the local picture of QR code.



After success of the scan, you can see the indication of successful scan, click "OK". Enter the device name and continue to click "OK" to complete the device adding. After that, you need to connect the device as soon as possible to be a certified user.

3.IOS APP Menu introduction

Click the ☰ icon on the left corner to enter the menu page.



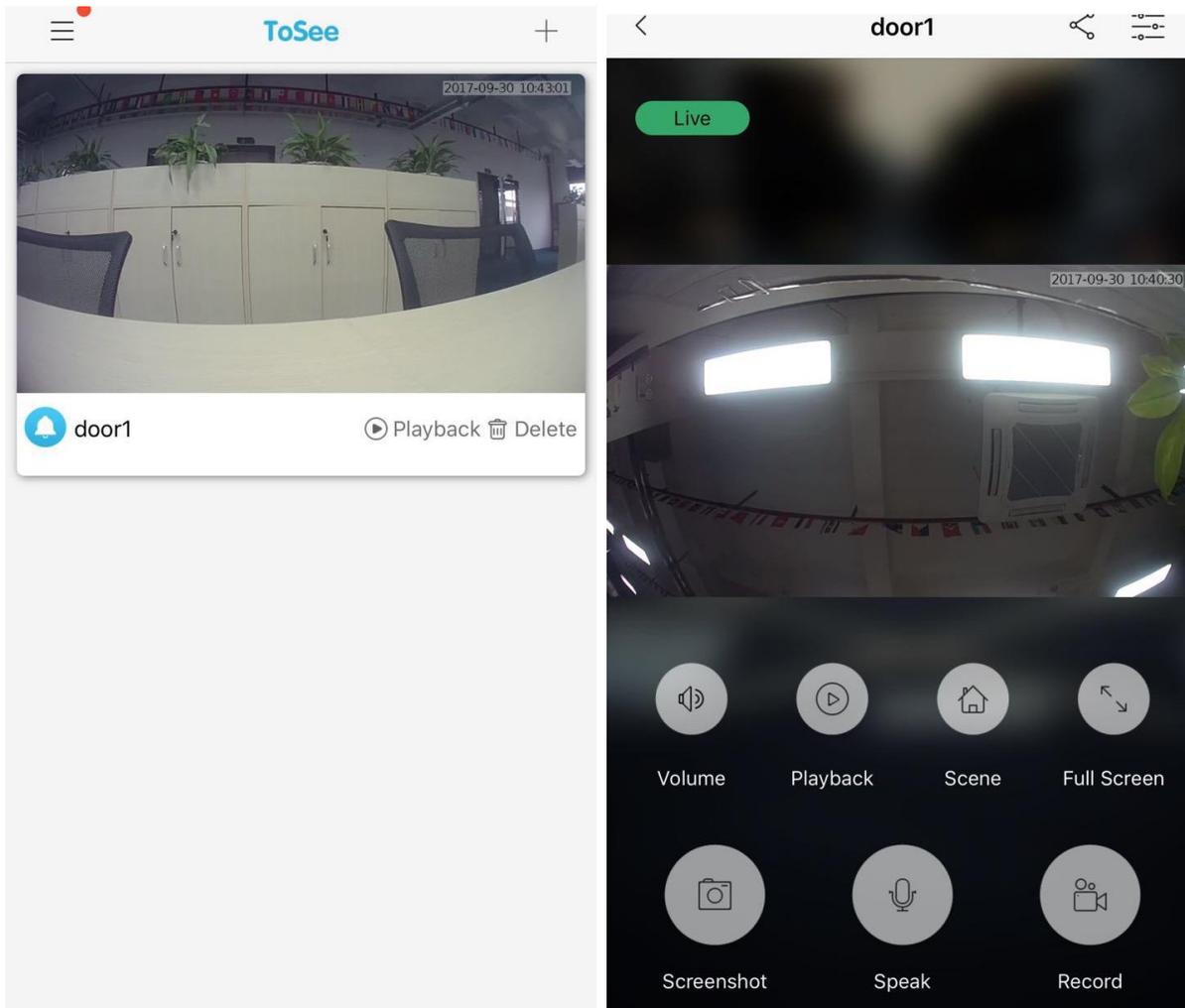
APP Menu page has the following functional areas.

- 1) **Main page:** Equipment management area.
- 2) **Message:** Push the message management area.
- 3) **File:** Photos and local video management area.
- 4) **Help:** Help for use APP
- 5) **General:** APP settings management area.

4. IOS APP Main page introduction

Select from the APP menu page to enter the main page. You can manage Video doorbell equipment by the main page, including adding doorbells, deleting doorbells, and entering the device directly to view the video. This software can manage 18 video doorbells.

Each picture represents a doorbell, click on the picture to connect the doorbell. Picture is last screenshot when App exit the device, the upper right corner shows the screenshot time. If the device is never connected before, the picture will show pure gray. Left bottom of the picture is the doorbell name, the right bottom is a shortcut key to directly enter into the doorbell to view the TF card video and delete the doorbell.



Introduction for monitoring page:

- **Connection status:** the "connecting" "online" "connection failure" and other status prompts will show on the upper left corner.
- **Battery Power:** the icon for battery status, such as low battery/ charging/ full, will show on the right top; if no icon display, it means the battery is normal.
- **Volume:** turn off or turn on the sound of monitoring video.
- **Playbak:** check the videos recorded in the SD card.

- **Scene:** Select video scene mode.
- **Full screen:** cellphone can play the video at full screen.
- **Screenshots:** screenshot for the current video. View the screenshot image in the file.
- **Speak:** Turn on or turn off the intercom function. The intercom volume can be adjusted in the setup management of the device.
- **Record:** Cellphone can record the local video, you can view the local video in the file.
- **User management:** enter the device user management interface, you can view / add / delete certified users.
- **Device management:** enter the device management interface, you can start equipment management and configuration.

Description for other functions related to monitoring:

- **Night vision photosensitive function:** When the video doorbell is in dark environment, IRCUT lens infrared filter is turned on, infrared light on, video surveillance images will be changed from colorful to black&white. Only when the doorbell to restore the light environment, IRCUT lens infrared filter will turn off, infrared light off, video surveillance images from black and white images back to color images.
- **Echo suppression:** Echo suppression is supported.

5. IOS APP Monitoring functions

5.1 Volume

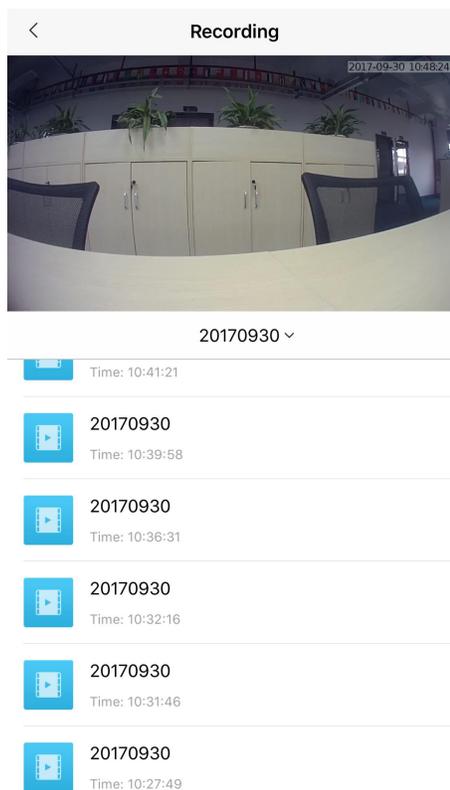
Volume: Turns off or turns on the sound of the monitored video.

5.2 Playback

Playback: View the recorded video on the device TF card. In the video interface you can choose different dates and different time recording files to play.

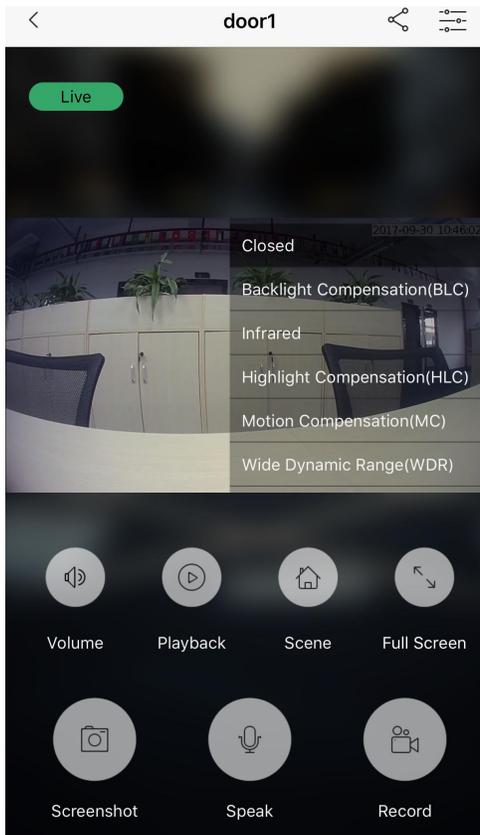
Each record has a video type, recording date, recording time, recording time record, click the record to play this video. In the case of unattended connection,

the default automatic recording time of the doorbell can be configured in the automatic recording time set by the device.



5.3 Scene mode

Scene mode: video scene modes for choose



Closed: Video images are initial images. Default setting.

Backlight compensation: Apply to weak-light situation, which make the dark district of the image more clear.

Infrared: In this scene, IRCUT camera infrared filtration and infrared lamp will turn on, the images of video turn to black and white instead of colorful.

HighLight Compensation: Suitable for strong light environment, can effectively inhibit the direct light caused by direct light shine too large, video images fuzzy, and can automatically distinguish strong spots, and provide

compensation for strong areas near the bright spot to get a clearer image.

Motion Compensation: Apply to observe fast moving scenes, it can help to watch more clearly for moving objects.

Wide Dynamic Range: Apply to situation of large equation of light, it can achieve visual effect of lighter on dark and darker on light.

5.4 Full Screen

Click  on the monitoring screen or horizontal the phone screen to enter full screen mode . Click  turn back to Vertical screen mode.



5.5 Screen Shot

Screen shot the current video image and the screen shot can be seen on the file.

5.6 Speak

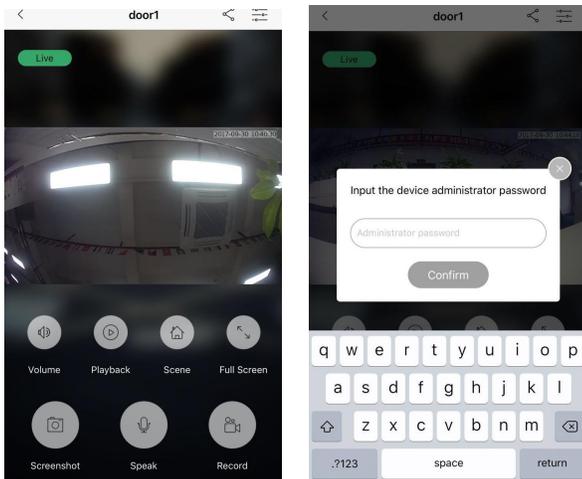
Speak function can be turn on or off. The volume can be adjust on the setting of the device.

5.7 Video record

Record the monitoring videos and check the videos on the file.

6.IOS App User management functions

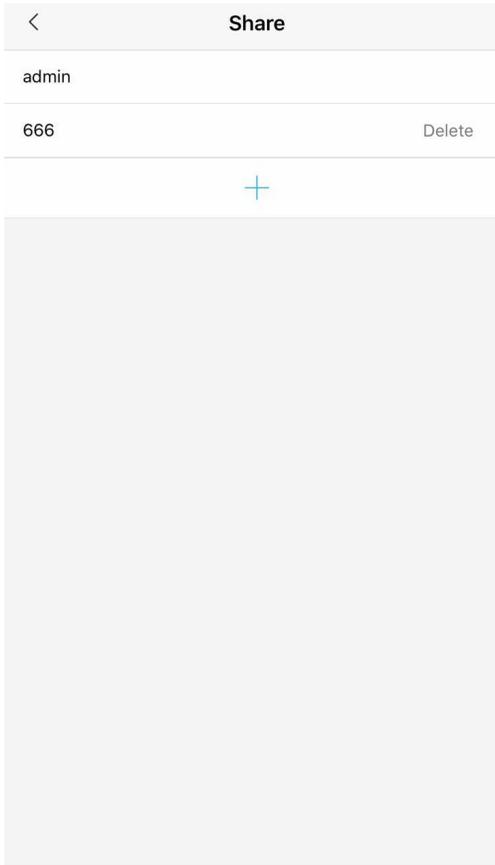
On the monitoring page, click  or , get administrator identity by input password of device, then get into user manage or device manage. It required only one pin input on one connect, then member manage or device manage is entered.



6.1 Add Verified Users/ QR code Share

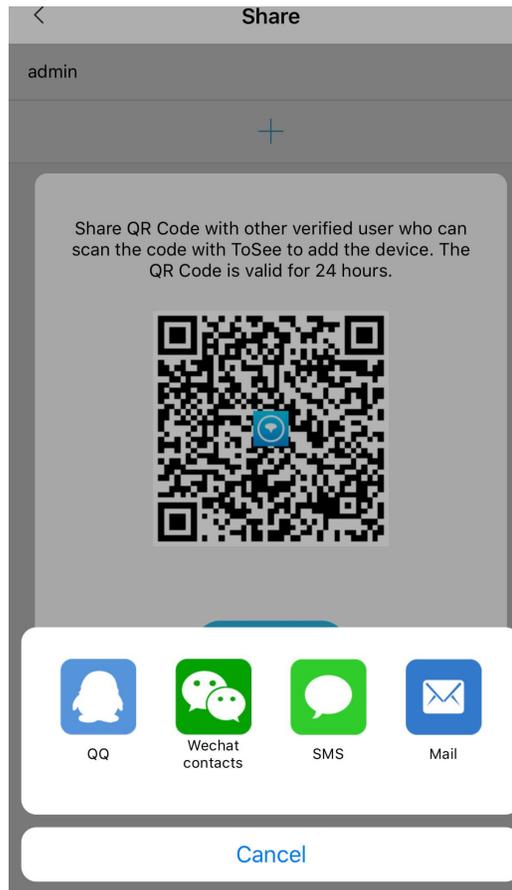
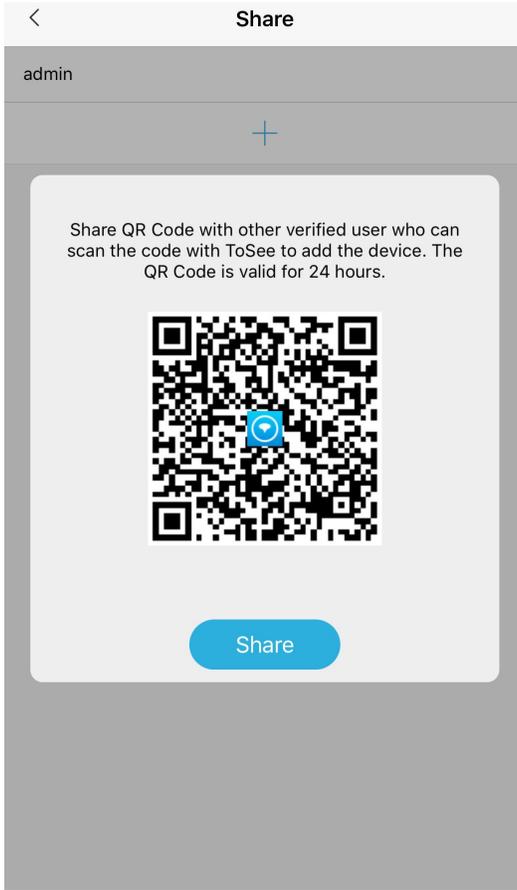
You can only add device by scan QR code that shared by administrator. Each doorbell can only add 5 Verified users in maximum.

Enter  the shared page of user management, click , input share user's nick name, then share QR code created.



QR code can be shared to Wechat and QQ contracts, also can be forward by Email or SMS. New users can scan the QR code directly to add device.

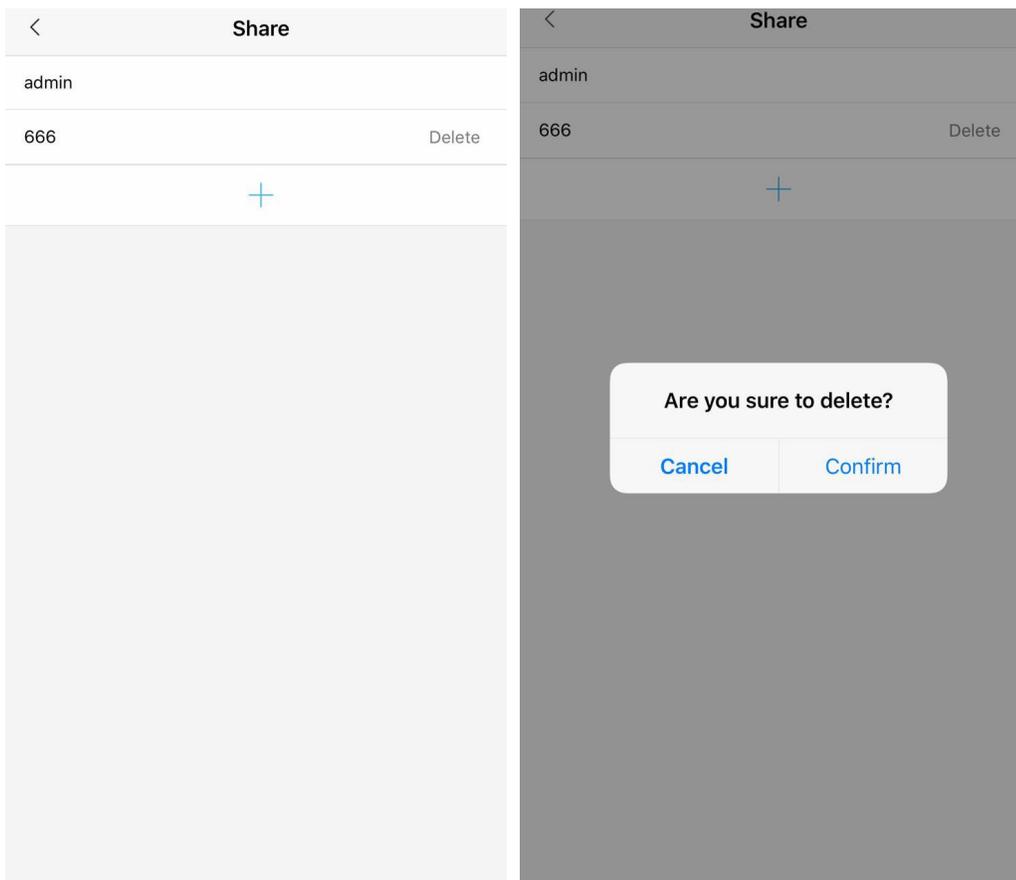
Note that mobile phone users need to connect the device to become a verified user after adding the device.



6.2 Delete verified users

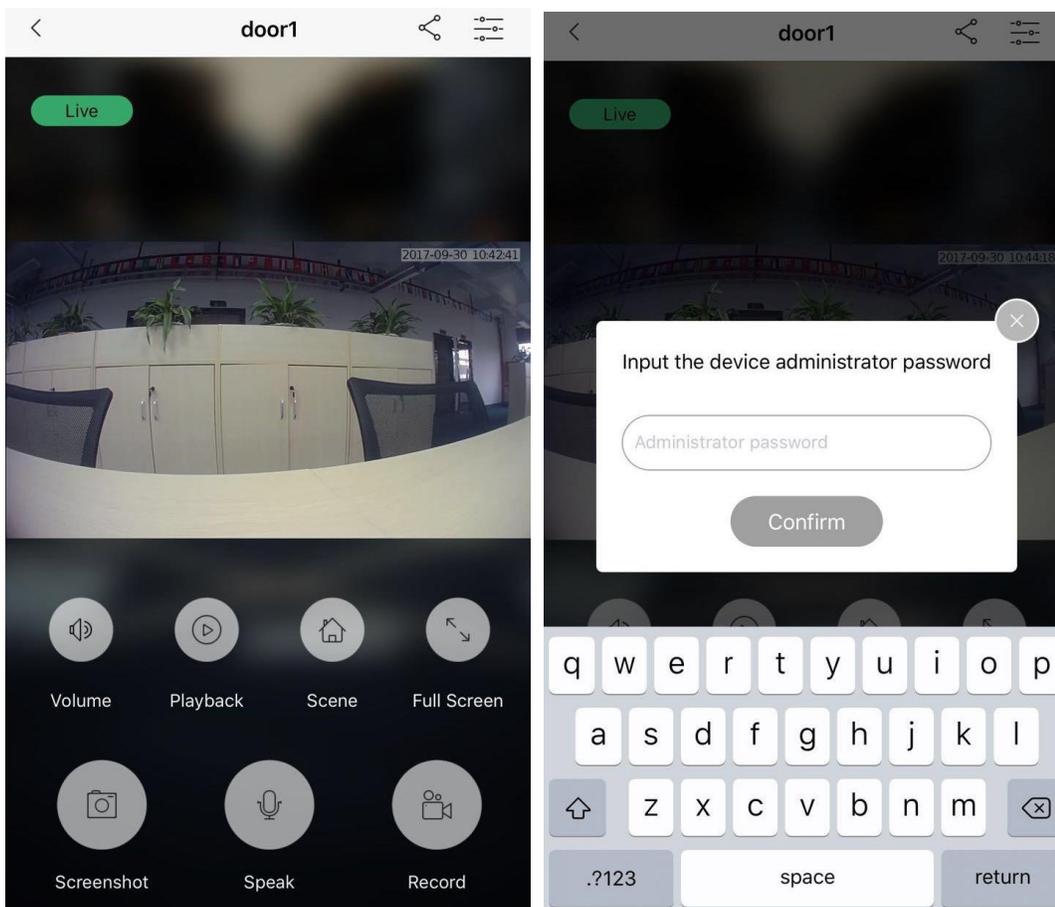
Choose  the verified users that need delete on user management page, confirm delete. There will be a reminder if any Unverified users try to connect device.

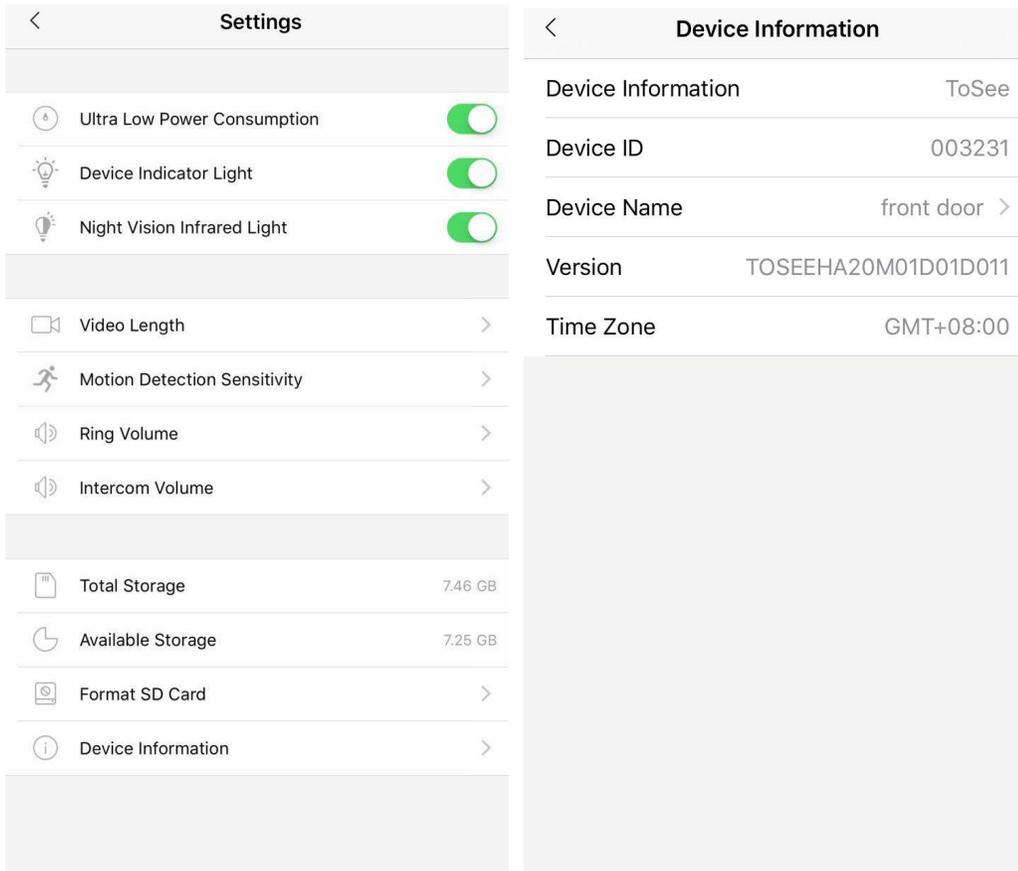
Except users of current phone and internet, administrator can also delete other verified users. The deleted users turn to unverified users, it will remind if they connect device.



7.IOS APP device management function

On monitoring page of device, click  or , get administrator identity by input password of device, then get into user manage or device manage. It required only one password input on one connect, then member manage or device manage is entered.





Device Settings Page Function Description:

- **Ultra Power Consumption:** Configure whether the device uses ultra-low power mode to connect WiFi.
- **Device indicator light:** Configures whether the indicator light around the device keypad flashes while active wake-up and pir wake-up.
- **Night Vision Infrared Light:**configure the device to support night vision.

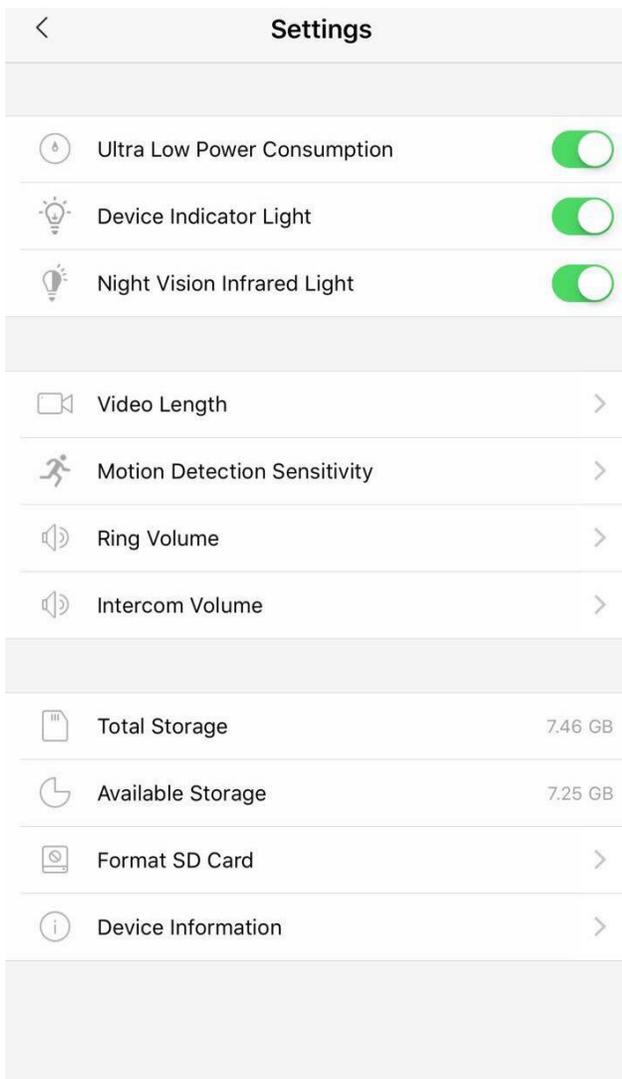
- **Video length:** configure the device automatically record or not, and set automatic recording time.
- **Motion Detection Sensitivity:** Configure the sensitivity of the device motion detection PIR.
- **Ring Volume:** Ring and button volume settings.
- **Intercom Volume:**Intercom Volume settings.
- **Video Scene:**video scene settings.
- **Total capacity:** Check the total capacity of the TF card.
- **Available capacity:** Check the available capacity of SD card.
- **Format SD Card:** Format SD Card of the device.

Device Information:

- A) **Product information:** View product name.
- B) **Device Number:** View device unique number.
- C) **Device Name:** View and modify nickname of the device .
- D) **Firmware number:** Upgrade and view firmware version information of the device.
- E) **Configure the device time zone:**The function of Configure the device time zone.

7.1 Ultra Low Power Consumption / Device Indicator Light / Night Vision Infrared Light configuration

Enter Settings interface of the device , toggle the switch , you can turn on / off the device the following settings:

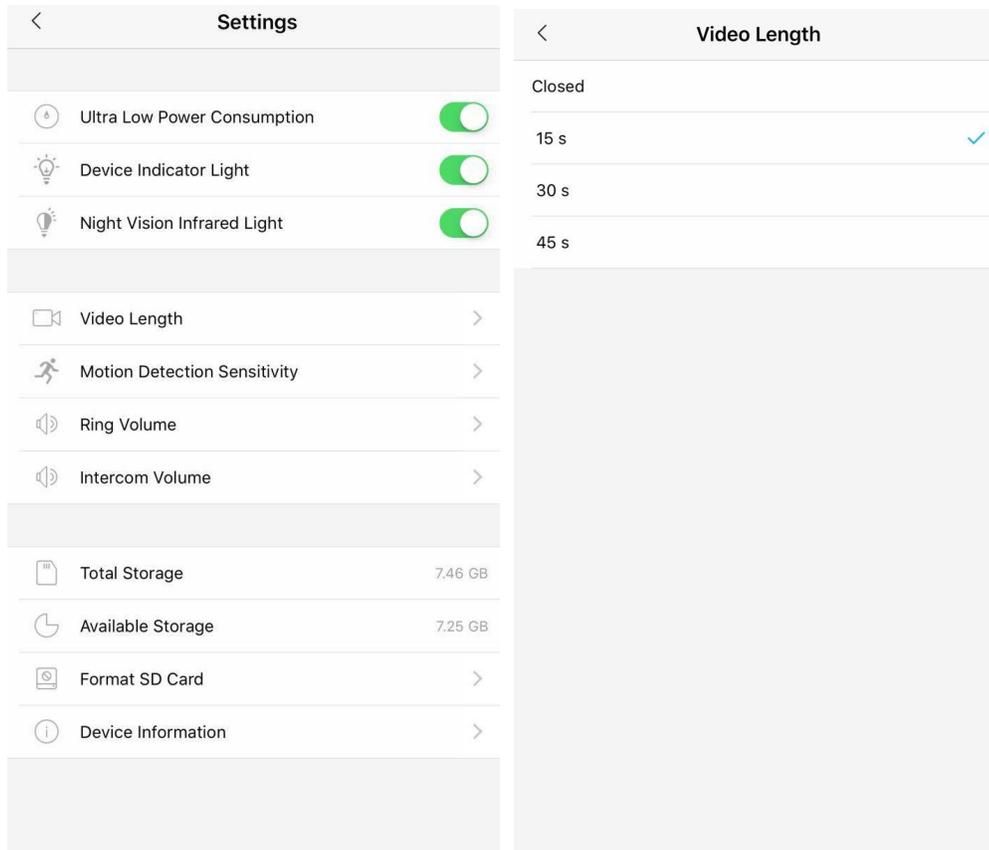


- **Ultra-low Power Consumption:** Turn on the switch, the device is in ultra-low power 250uA mode of operation. Close the switch, the device is in normal power mode.

- **Device Indicator Light:** Turn on the switch, the light around the button will light up as long as the device wake up. Turn off the switch, and the light around the button will light up only when the device is powered on , awakened up via keypad or the network is abnormal.
- **Night Vision Infrared Light:** Turn on the switch, the device can trigger the Photosensitive function [when the device is in dark environment, IRCUT lens infrared filter and infrared light will be turned on, video surveillance images will be turned color into monochrome images. When the device is restored to light environment, IRCUT lens infrared filter and infrared lamp will be closed, video monitoring image will be turned black and white image back to color images.]Turn off the switch, the device cannot trigger the photosensitive function.

7.2 Video Length Setting

Enter Settings interface of the device , Choose "Video Length time".



Video length:

【Off / 15 s / 30 s / 45 s】 , default: 15 s.

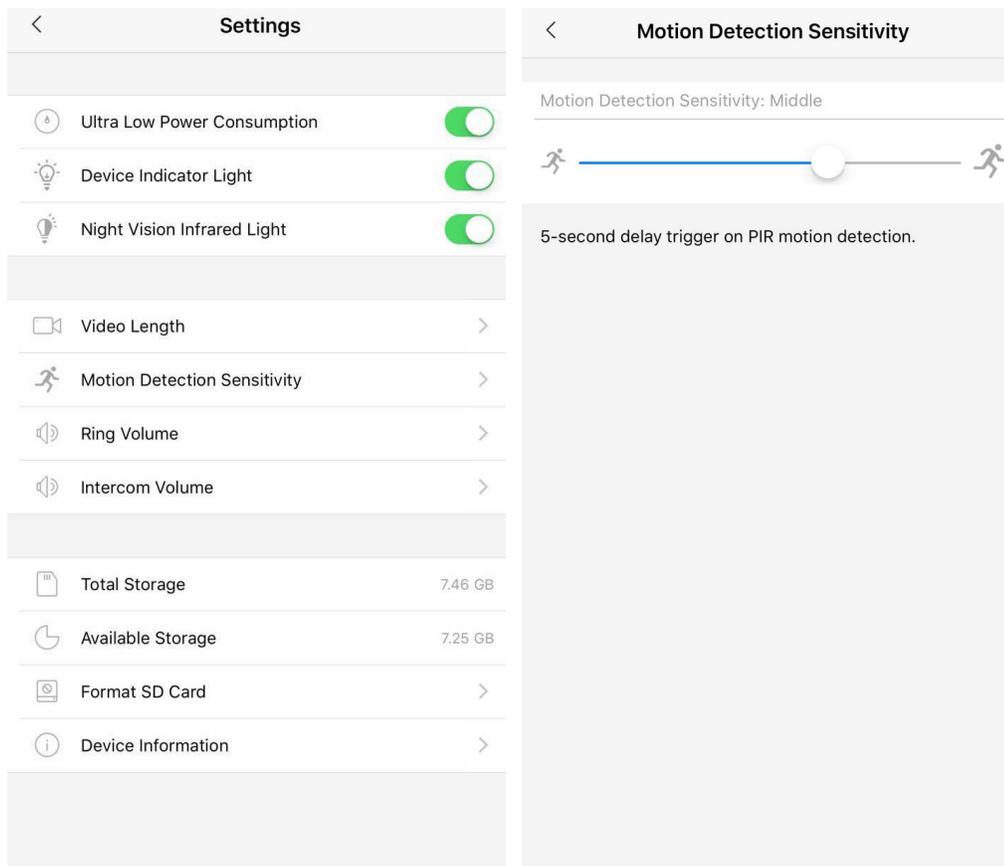
- When set to: 【15 s / 30 s / 45 s】 . In the case of TF card is inserted into the device , support the function of recording according to the configured automatic recording time after each wake-up. If the device has a user through the app connection, the recording end time is the device standby

time (the user exits the connection after 5s, the device will be in standby status).

- When set to: 0. The device will recording nothing.

7.3 Motion Detection Sensitivity Configuration

Go to the device setting interface  and select "Motion Detection Sensitivity". Enter the motion detection sensitivity setting, move the slider to configure the sensitivity value.

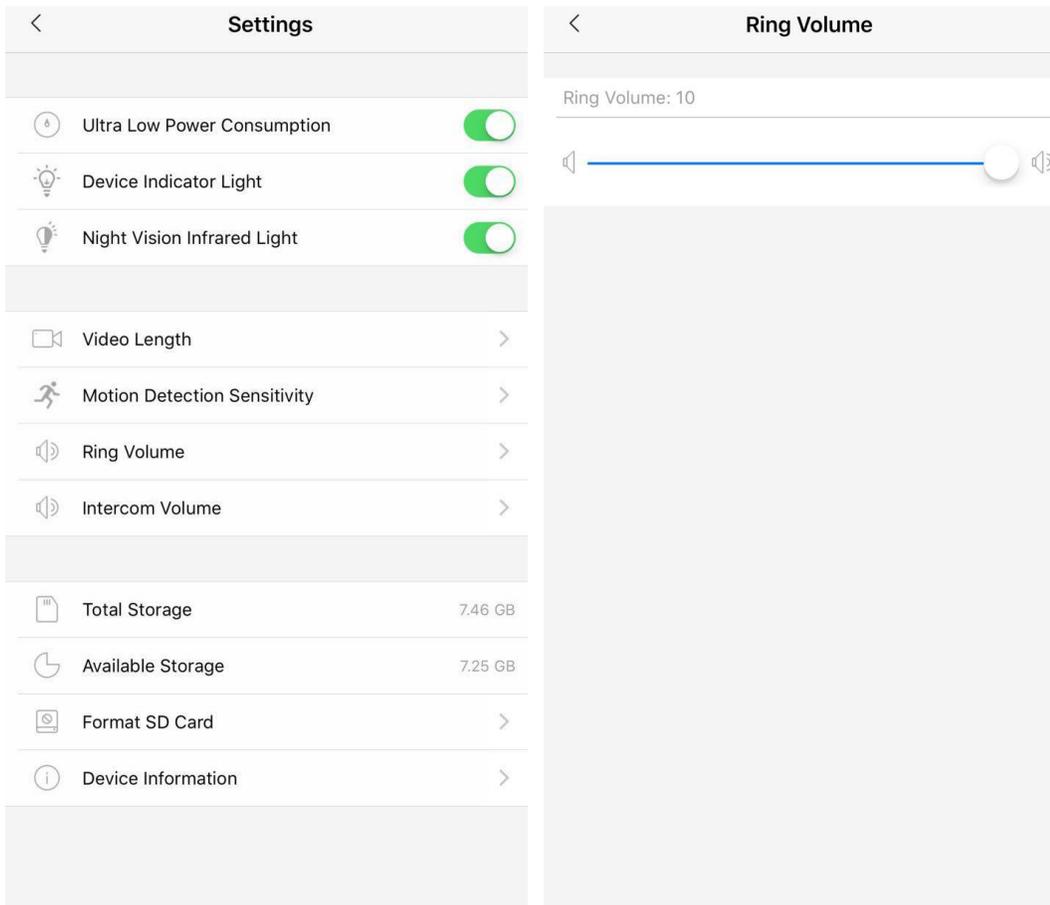


Motion Detection Sensitivity Configuration Value : [Off / Low / Medium / High].

- When set to: Off. PIR does not triggered.
- When set to: Low. PIR will be triggered within 10 seconds after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the app, and record the monitoring video of current equipment .
- When set to: Medium. PIR will be triggered within 5 seconds after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the app, and record the monitoring video of current equipment .
- When set to: High. PIR will be triggered immediately record after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the app, and record the monitoring video of current equipment .

7.4 Ring volume setting

Go to the device setting interface  and select "Ring Volume". Then enter the ring volume setting page, move the slider to configure the ring volume value.



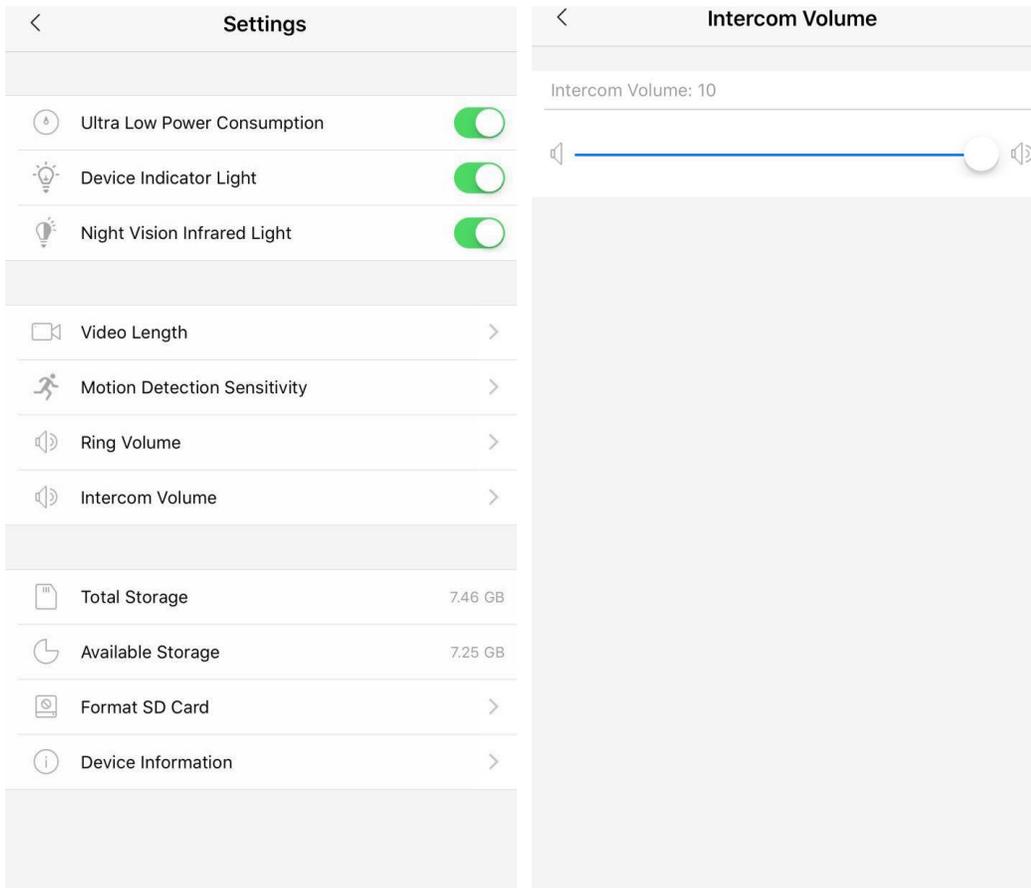
Device Ringing Volume Range: [0,10], default: 10.

When set to: **【 1, 10】** , the device make a sound like "ding dong" . The higher the value, the greater the device ringing sound.

When set to: 0. The device does not ring.

7.5 Intercom volume settings

Enter the device setting interface  , select the "Intercom Volume". Enter the intercom volume setting, move the slider to configure the intercom volume value.

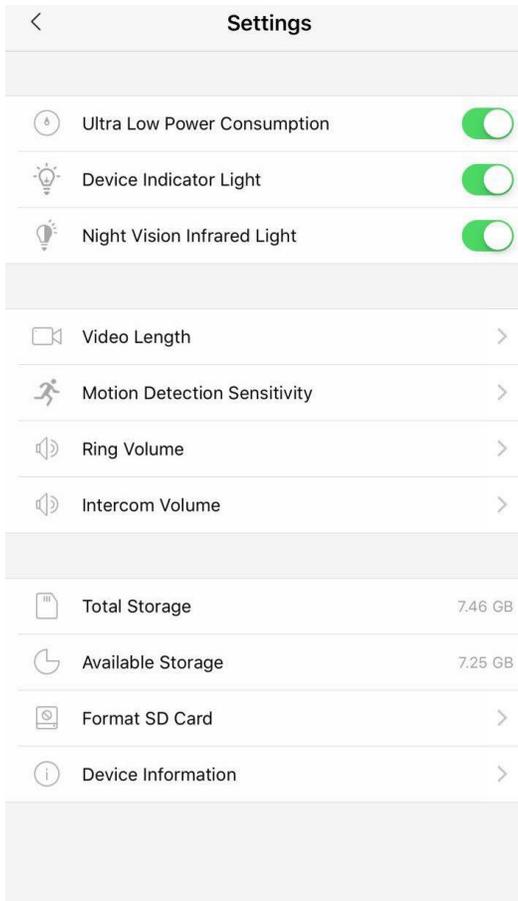


Device intercom volume value range: **【0,10】** , the default value: 10.

- When set to: [1, 10], when APP users communicating with users who stand in front of the device and can hear the APP user's voice that transferred by device . The higher the value, the greater the sound.
- When set to: 0. The device does not transfer the APP user's voice.

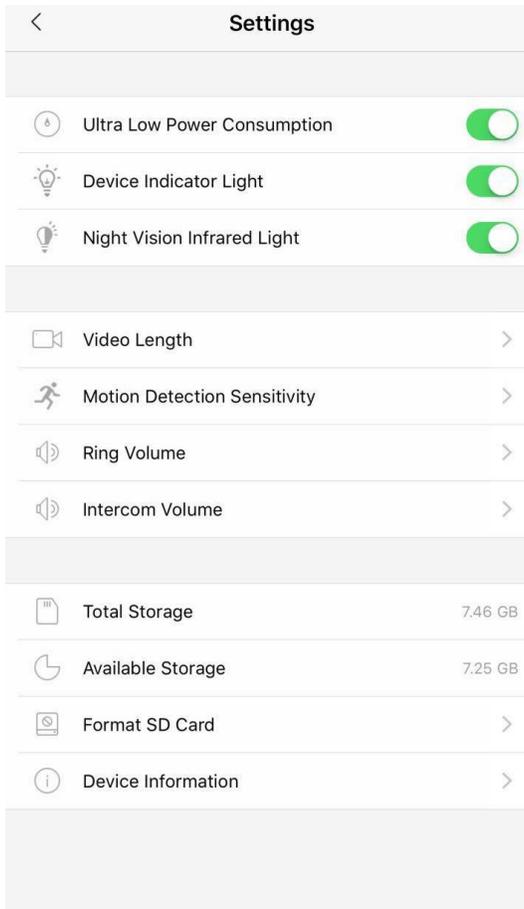
7.6 View TF card capacity

Enter the device setting interface , you can view the " total Storage" and "Available storage".



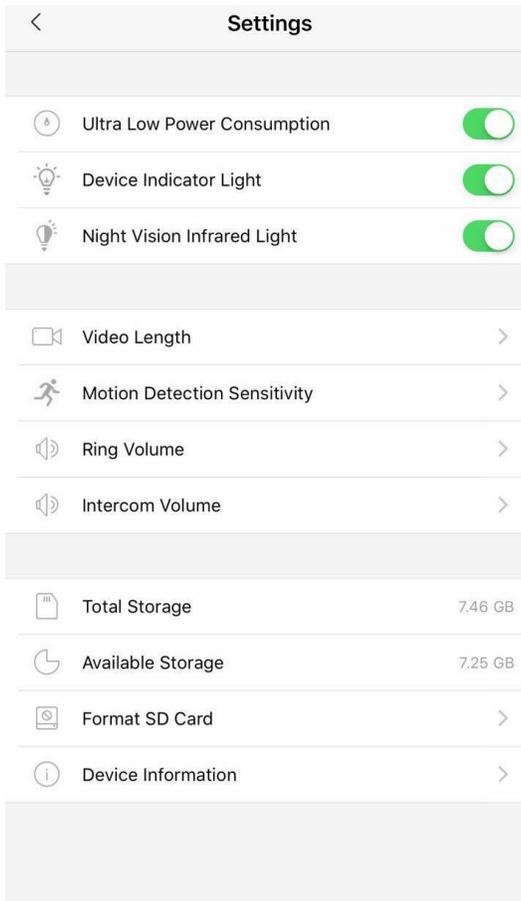
7.7 Format TF card

Enter the device setting interface , select "format SD card", click "OK", then TF card will be formatted.



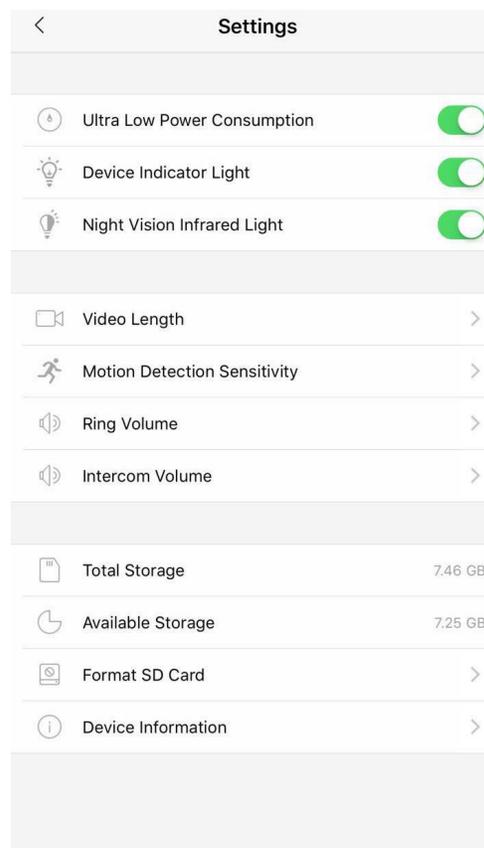
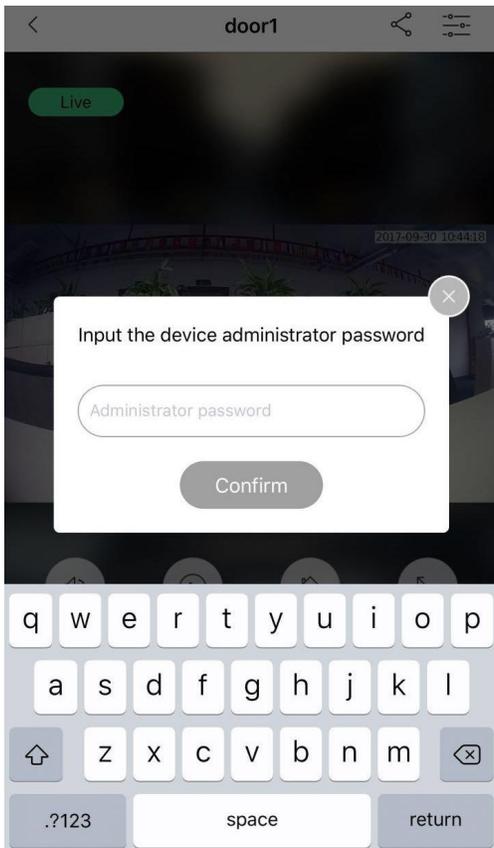
7.8 Device information and number

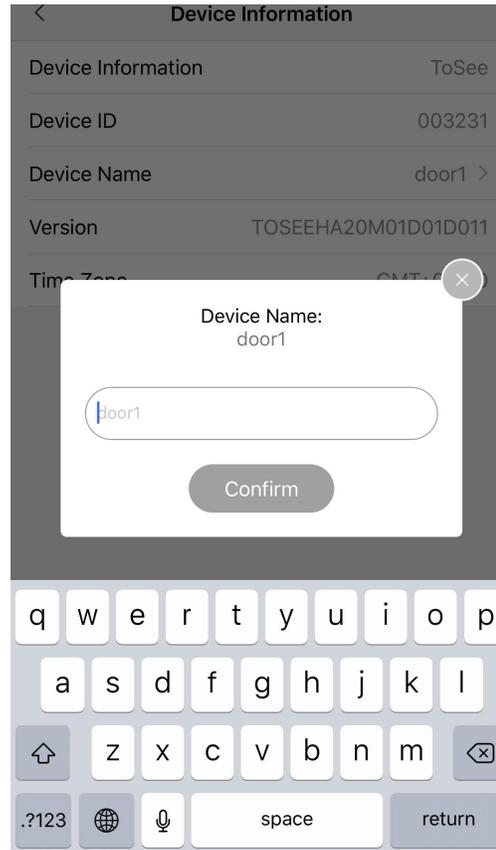
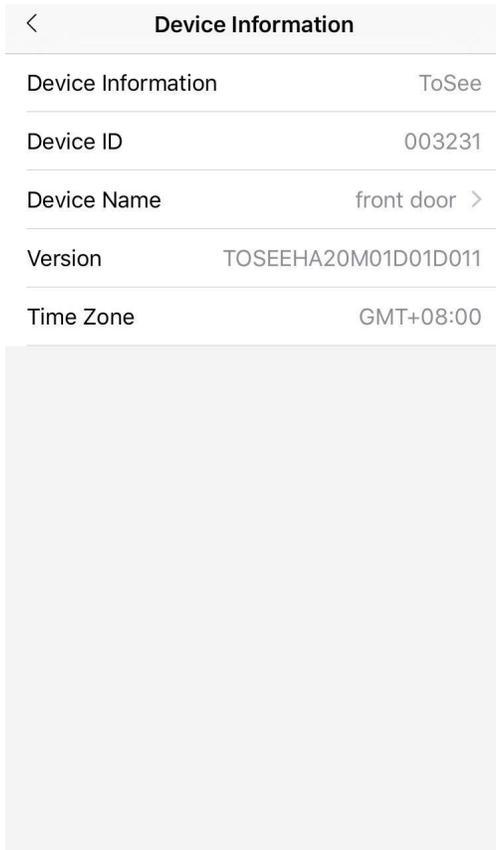
Go to the device setting interface  and select "Device Information". You can view the product information and device number on the device information page, which is the unique information for the device.



7.9 Device nickname modification

Go to the device setting interface  and select "Device Information". Click the device name on the device information page, enter the new device nickname, then click "OK". After modifying the nickname, the device information of the home page and all the push messages of the device are identified by the new nickname.

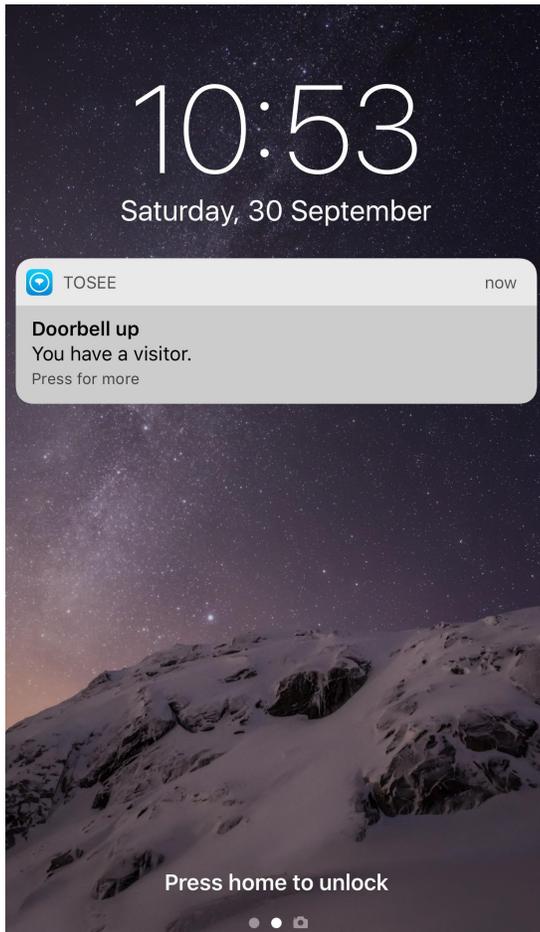




8. The IOS App message receiving and pushing

8.1 Doorbell call pushing

The device will push ringing messages to your mobile phone when the doorbell is pressed. Then you can enter monitor interface directly by clicking the pushing message on your phone.



8.2 PIR Mobile Detection Pushing

PIR Mobile Detection Push mode will be activated when someone stops and moves in front of the device. Your phone can be connected to this device directly when you click the push message.

9.Upgrade Operation

The doorbell needs to update the firmware version or time zone need to be synchronize with the phone if a red dot appears on  icon that in the upper right corner after entering the device. Click  to enter Device Management Interface, you can see a red dot reminder on right side of “Device Information”, then click it to enter device information management page.

Firmware version displays current firmware version number; if there is a “Upgrade” icon on right side of current firmware version number, which means the device has a new firmware version to be upgraded. Click “Upgrade” to update the firmware version.

Notice: A TF card should be installed in the device when do online upgrading operation if the firmware version is TOSEEHA20M01D01D011 or below. Otherwise the upgrade process will be failed.

Reminder: Please ensure the device is online and power on during upgrading. If the upgrading is suspended, please try again later.

Status Introduction During Device Upgrading:

- 1) Blue and red light flashes simultaneously every 1s means device is upgrading. Please keep the power on.
- 2) Blue light flashes every 1s means the upgrading is finished. Device can be connected to network to work.

Blue and red light flashes alternately every 1s means the upgrading is finished, but the network is disconnected.

10. Modify the time zone

Time Zone Modification means we can synchronize time of your phone to device if time on two devices are not consistent. Modifying the device time zone will affect the time display of relevant function such as monitoring, recording, etc.

The device needs to update the firmware version or time zone need to be synchronize with the phone if a red dot appears on  icon that in the upper right corner after entering the device. Click  to enter Device Management Interface, you can see a red dot reminder on right side of “Device Information”, then click it to enter device information management page.

Click “Configuration” to synchronize the time zone.

11. Message page description of IOS System

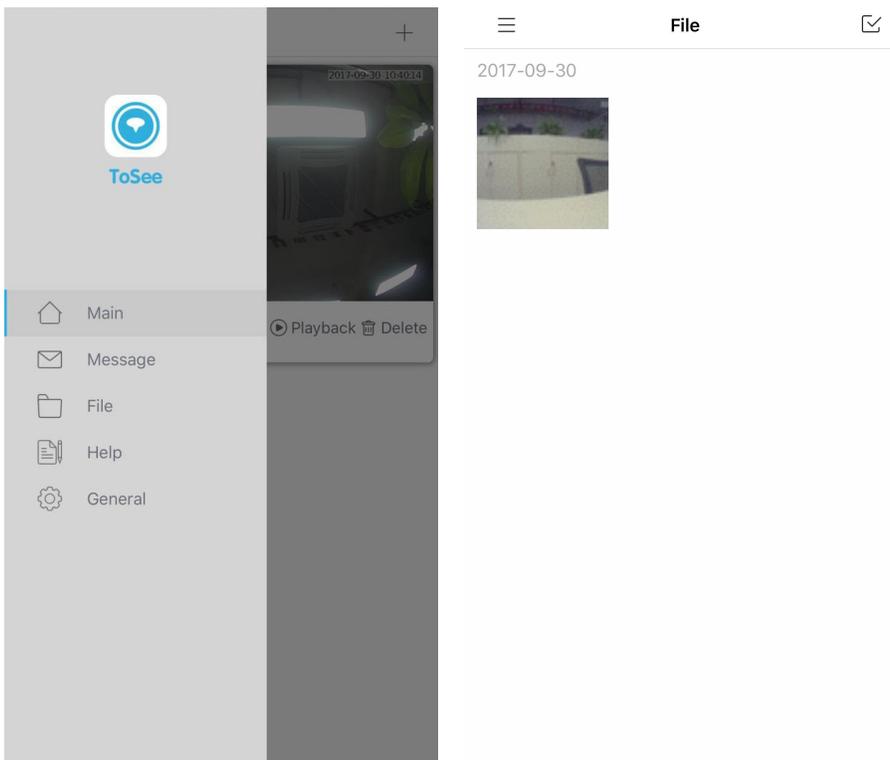
Enter App side slide menu page, select  Main to enter history push message management. If the device installed SD card, there is a “PLAY” reminder that you can click to watch the pushing video.

New push message reminder: If there is a red dot reminder on , which means App has new push message. Enter App side slide menu page, click  Message to enter history push message management to clear all red dot reminders.

Click  to enter editing mode, tick  or click “check all”, then click “delete” to delete history push messages.

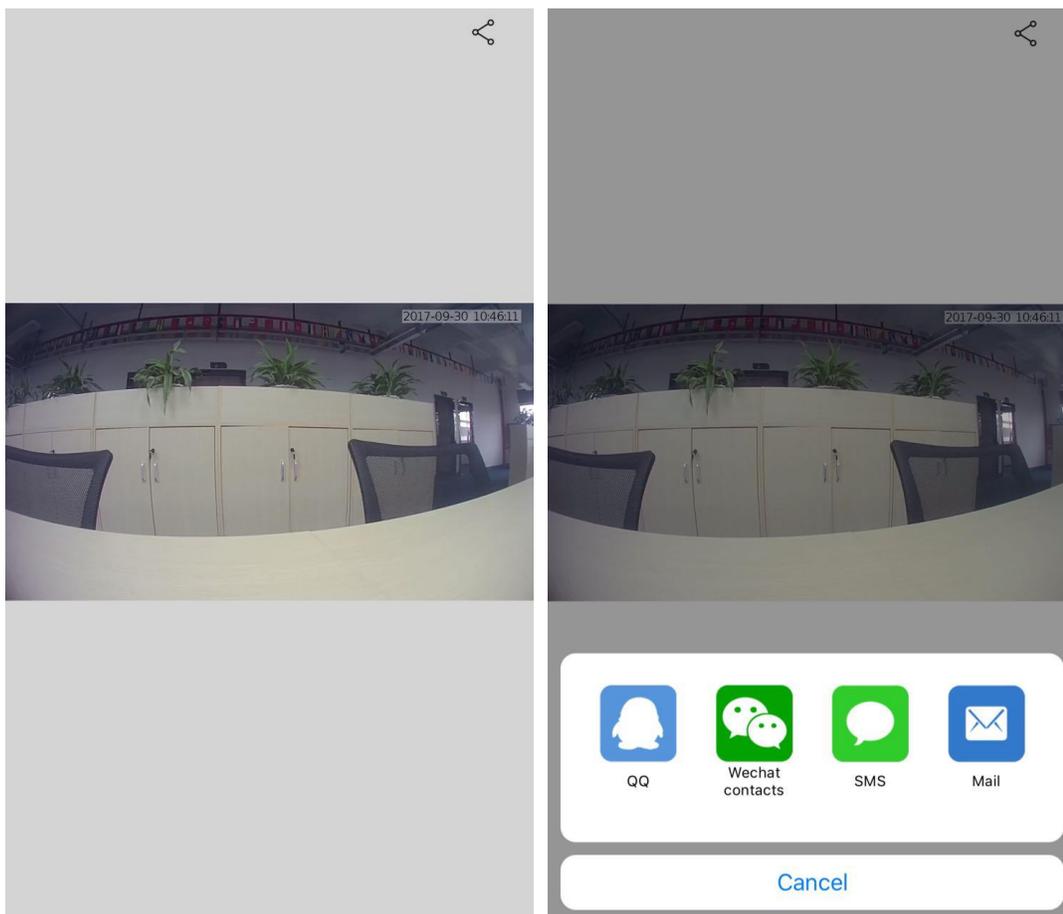
12.File Page Description

Enter App side slide menu page, select  to enter file management. The local storage videos and screenshots can be checked by clicking the relevant video or screenshot.



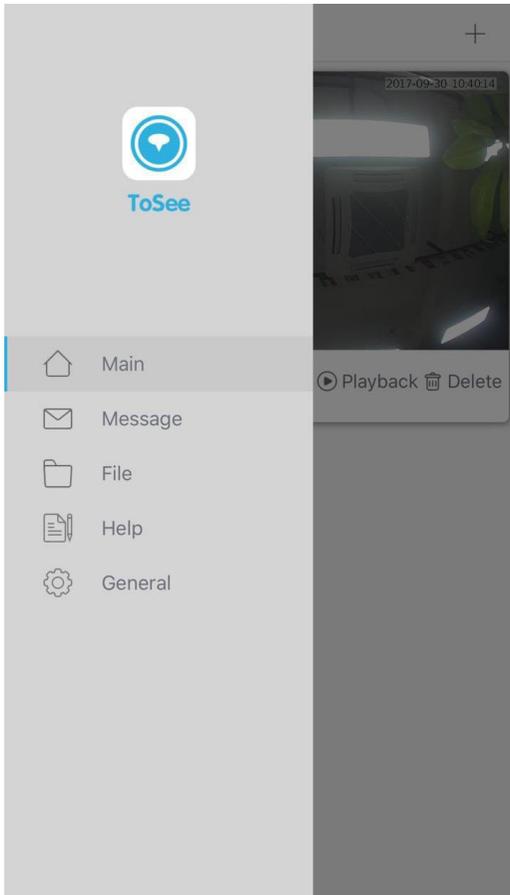
Click  to enter editing mode, tick  or click “check all”, then click “delete” to delete picture or local storage video;

Click on video to play and click on image to view larger image. Click share icon in the top right corner can share photos or videos to your Wechat, QQ(only support image mode), can also share it with your friends via email or SMS(only support image mode).



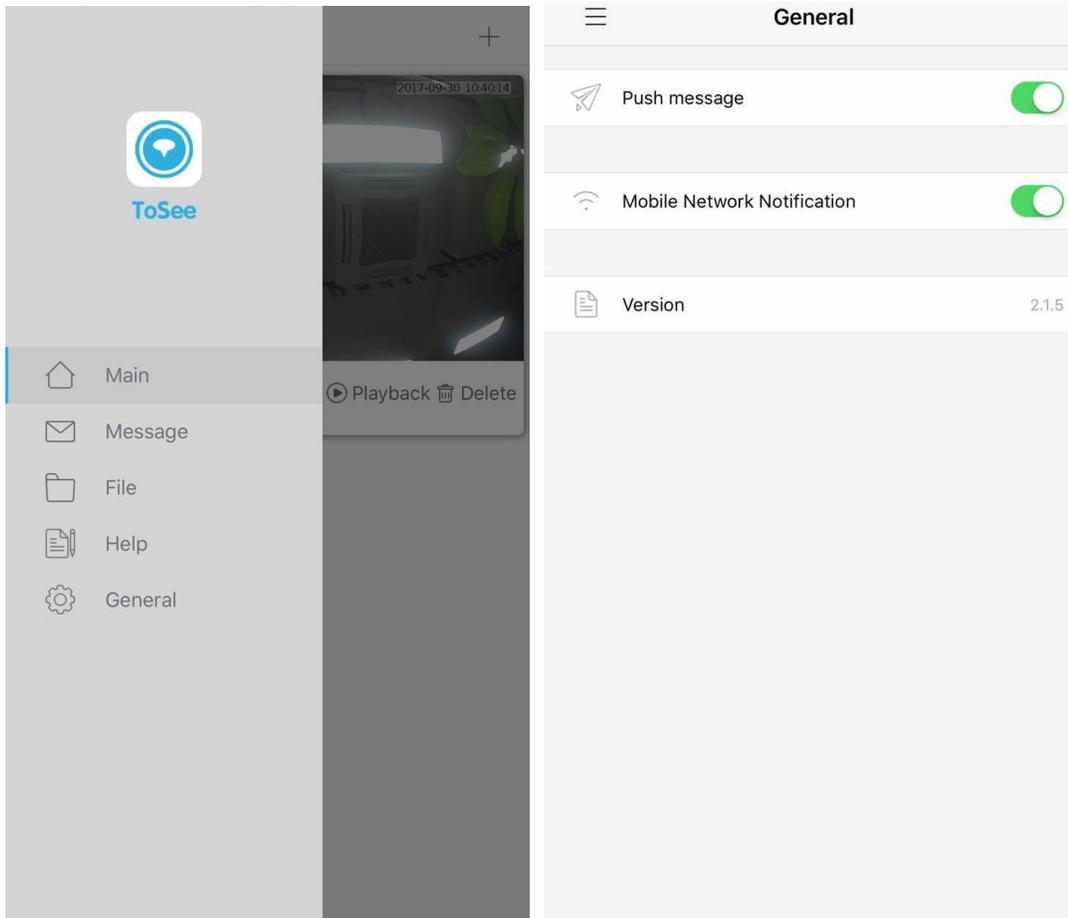
13. Help Page Description

Enter App side slide menu page, select  Help to enter HELP page.



14. General Page Description of IOS System

Enter App side slide menu page, select  to enter App general setting page.



General Setting Instructions:

Push Message: Setting App to whether receive push message or not.

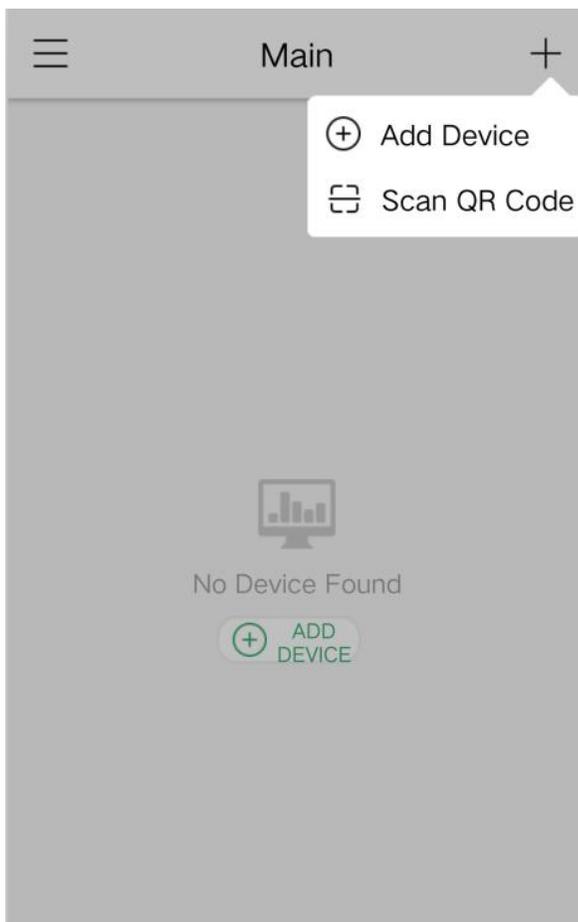
Mobile Network Reminder: Setting APP to whether remind you “You are using mobile network to play, whether to continue”.

(II) Add new device to Android APK

After entering APK, display the guide page and click Add device button **+** in the upper right corner.

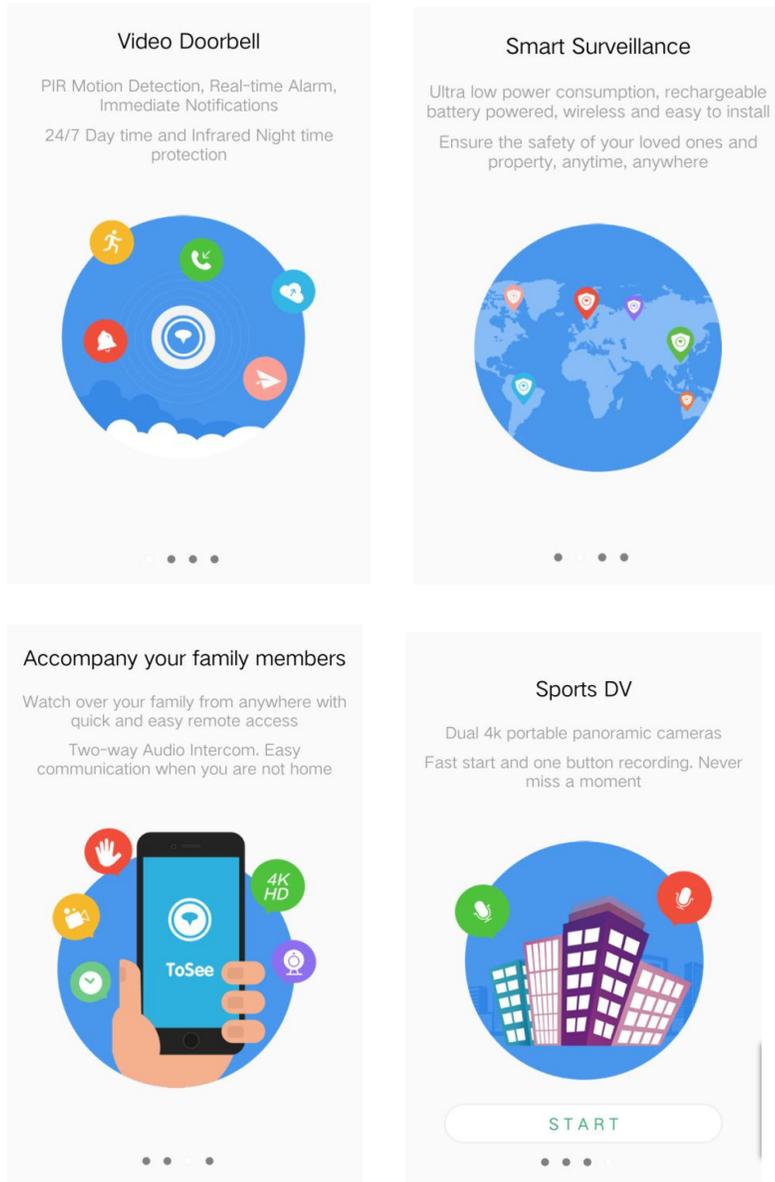
There are two ways to add a device

1. Select **+** ADD Device the device can be added when set network configuration at first time as an administrator.
2. Select **QR** Scan QR Code to add a device by scanning a QR code or a local QR code picture.



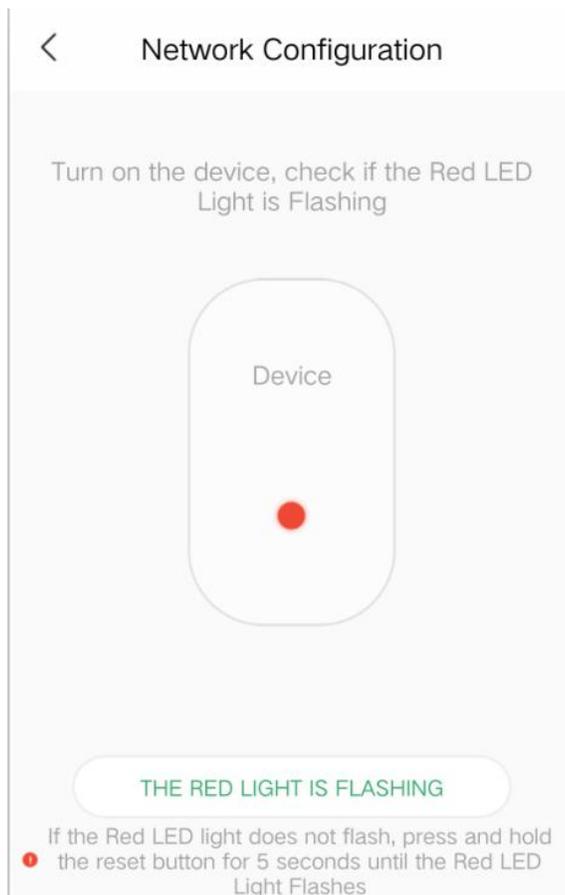
1. Android Device Network configuration

To install tose.apk on your mobile phone, open apk and see the following guide page:



Choose [⊕ ADD Device](#), you can configure network for new device or reconfigure network for current device, and add device as an administrator.

Set up a Wi-fi that can connect to the public network, the device will be connected through the configuration of this Wi-fi. Before adding the device, please press the reset button for more than 5S. After the device reboots, enter the network configuration mode. It's possible to observe whether the device enters the network configuration mode by the lamp status: The red light flashes once every 1 second.

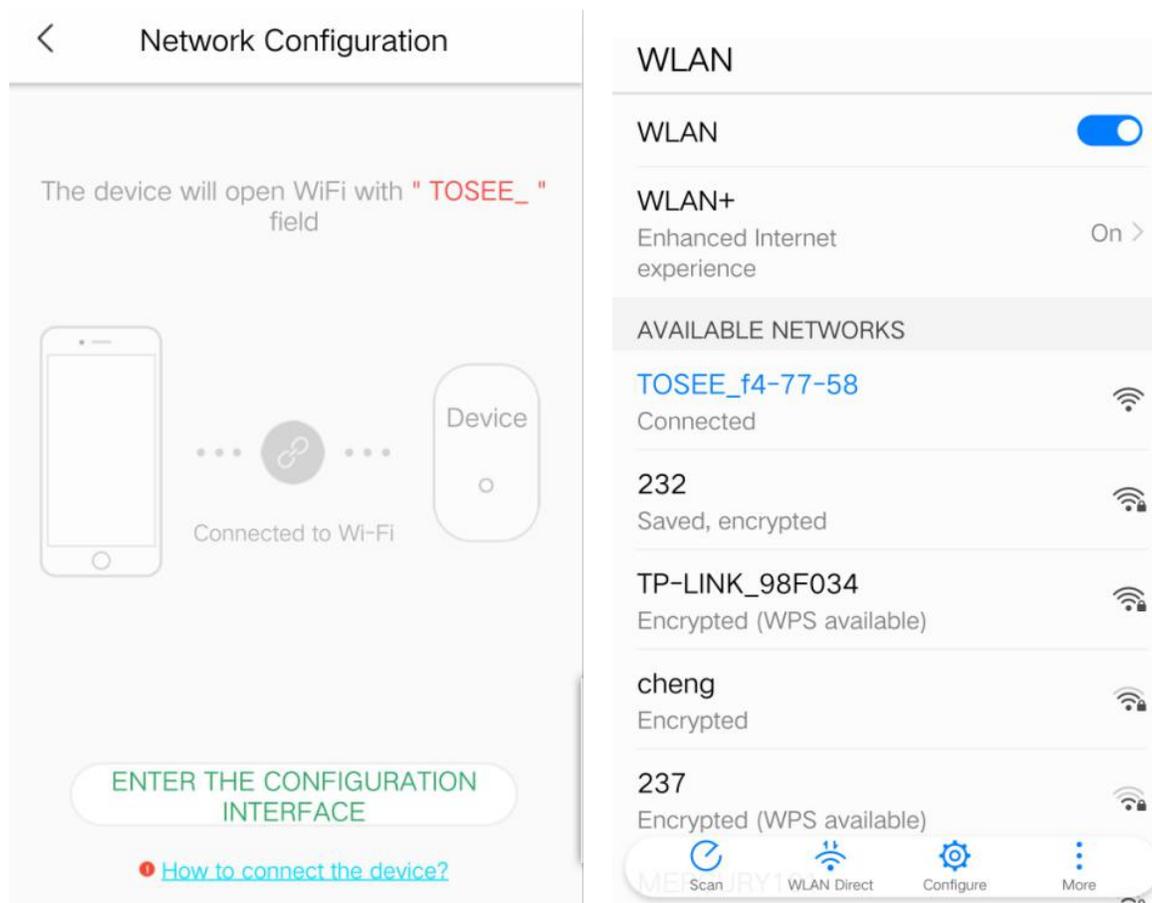


Wait 5s and then click:

The Red Light is Flashing

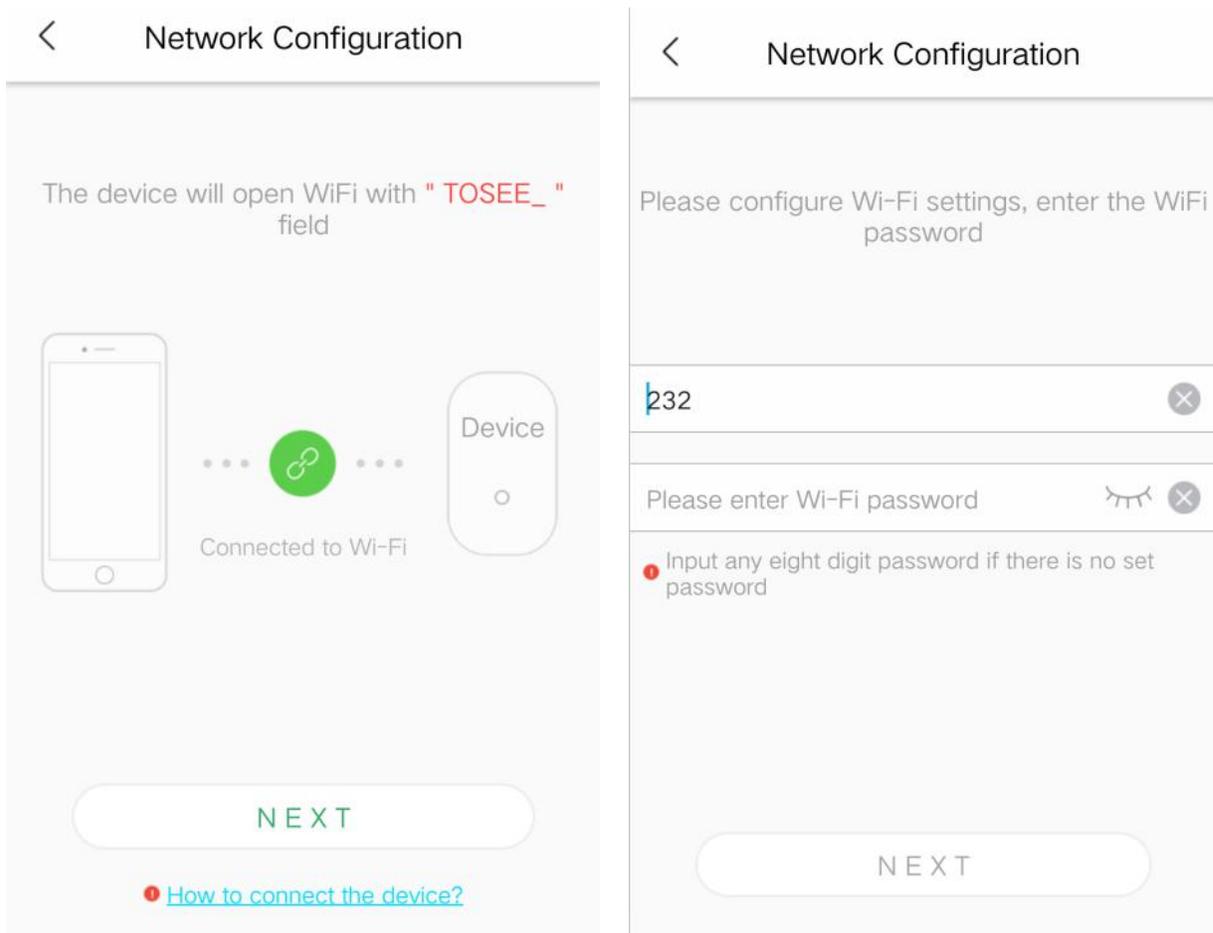
to enter the

network configuration page. Click [Enter the Configuration Interface](#) go to setting Wi-fi page. Select the "TOSEE_" Wi-fi, this Wi-fi has no password at first. After connecting to device, back ToSee APK.



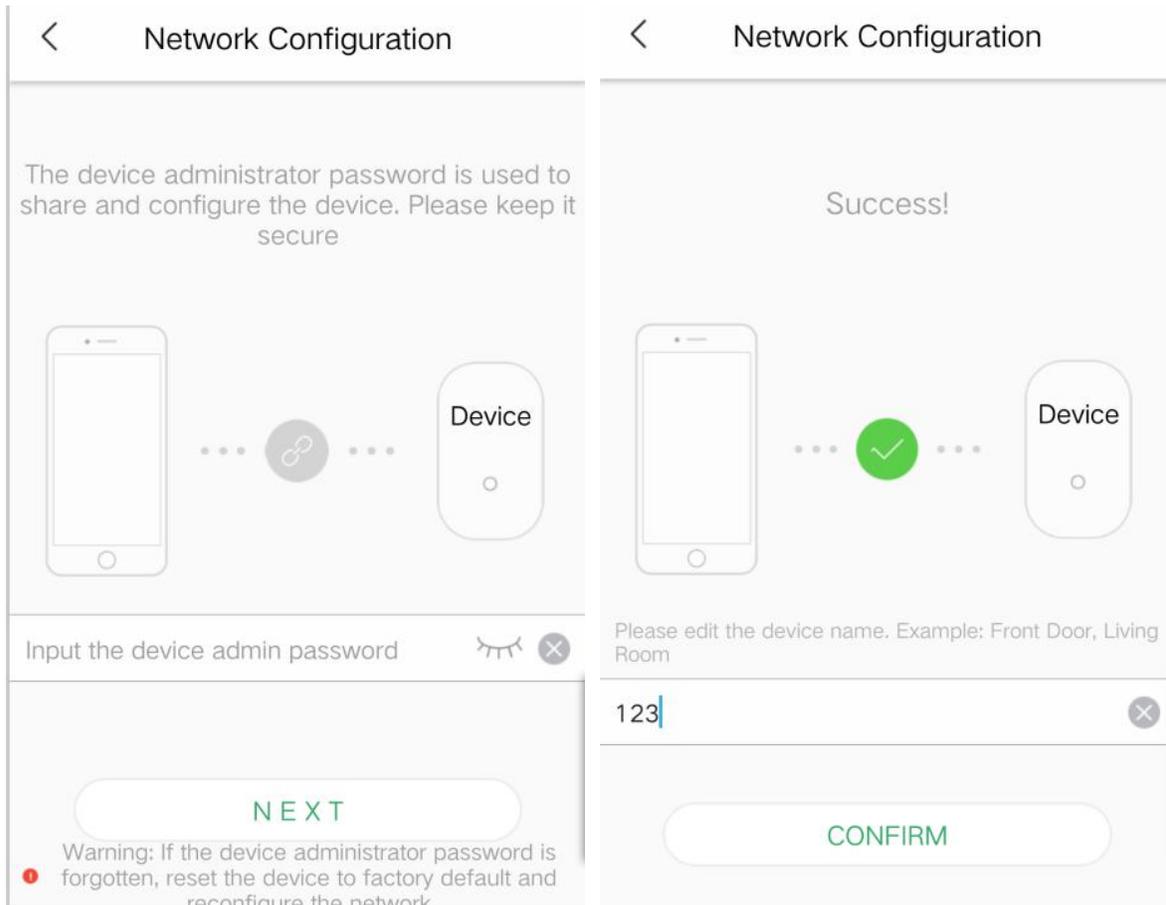
APK Network Setting Configuration shows "Successfully connected to Wi-Fi", it means phone was successfully

connected with the device. Click “Back”, enter the password of Wi-fi and SSID, then click “Next”.



Enter the admin password of the device, pay attention to the warning. Then click the “Next”, APK will send the data to

the device to complete the matching. Enter the name of device then click “Confirm”.



Status introduction of Indicator of Network configuration:

- The red light flashes once every 1 second: the device stays in the AP network configuration mode.

Possible reasons are: 1) the phone is not connected to Wifi from the device, failed to complete the configuration. 2)

Configured the wrong WiFi account, the device failed to search for the right WiFi. Resulting in device configuration failure, stay in AP network configuration mode.

Recommendation: Reconfigure WiFi account.

- The red and blue lights flash one time alternately every 1 second, the device standby after 20 seconds. Wake up, the light's status is unchanged: the device is out of net.

Possible reasons are: Connect the correct WiFi account, but entered wrong WiFi password. Causing the device to fail with WiFi, stuck in the unconnected state.

Recommendation: Reconfigure WiFi information.

- Blue light flashes one time every 1 second, the device standby after 20 seconds. Wake up, the light's status unchanged: the device has been properly connected.

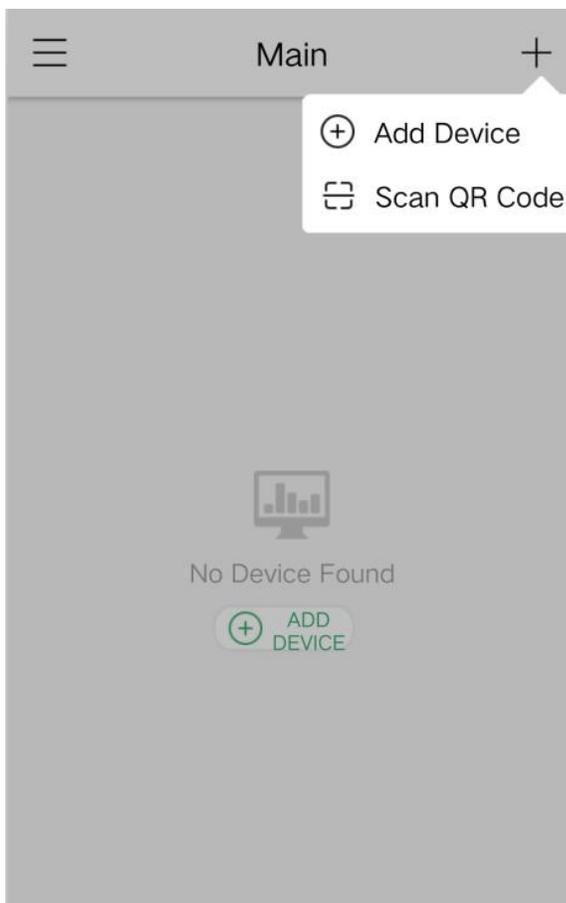
Note: During the networking of the device, the red light may flash alternately with blue light for some time, and then the blue light will be always flashing when the device connected to net.

2. Add new devices

User can only add device by scanning the QR code administrator shared to . For information on how to share the QR code, refer to the User Management section.

Choose  Scan QR Code you can add a device by scanning a QR code or a local picture of QR code.

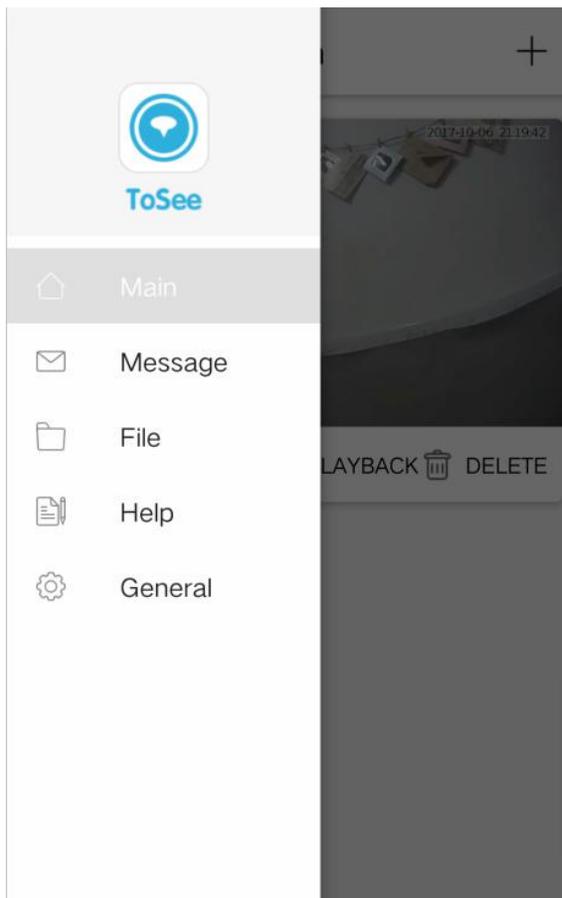
Place the QR code in the scan frame to automatically scan. Or select "album", select the local picture of QR code.



After success of the scan, you can see the indication of successful scan, click "OK". Enter the device name and continue to click "OK" to complete the device adding. After that, you need to connect the device as soon as possible to be a certified user.

3. Android APK Menu introduction

Click the ☰ icon on the left corner to enter the menu page.



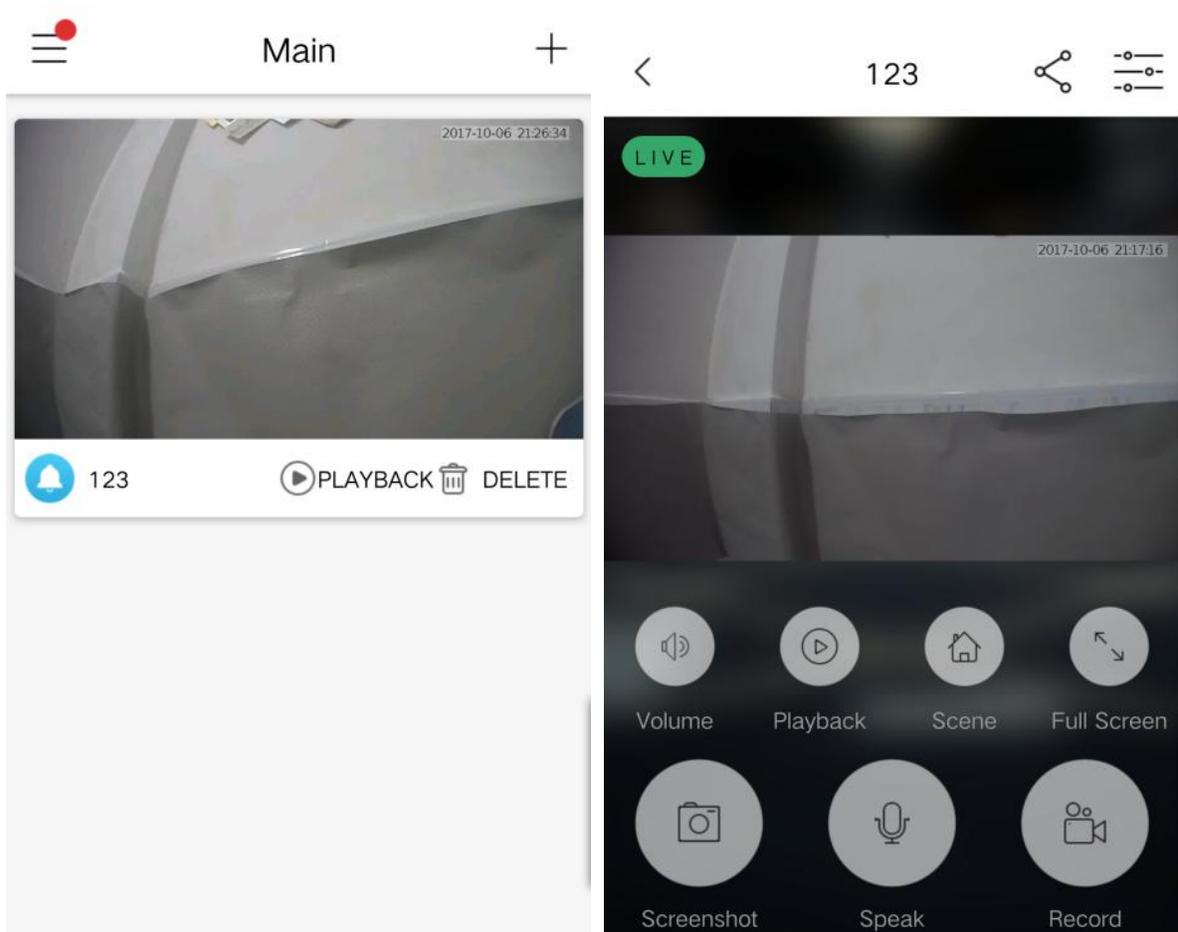
APK Menu page has the following functional areas.

- 1) **Main page:** Equipment management area.
- 2) **Message:** Push the message management area.
- 3) **File:** Photos and local video management area.
- 4) **Help:** Help for use Apk
- 5) **General:** APK settings management area.

4. Android APK Main page introduction

Select from the Apk menu page to enter the main page. You can manage Video doorbell equipment by the main page, including adding doorbells, deleting doorbells, and entering the device directly to view the video. This software can manage 18 video doorbells.

Each picture represents a doorbell, click on the picture to connect the doorbell. Picture is last screenshot when APK exit the device, the upper right corner shows the screenshot time. If the device is never connected before, the picture will show pure gray. Left bottom of the picture is the doorbell name, the right bottom is a shortcut key to directly enter into the doorbell to view the TF card video and delete the doorbell.



Introduction for monitoring page:

- **Connection status:** the "connecting" "online" "connection failure" and other status prompts will show on the upper left corner.
- **Battery Power:** the icon for battery status, such as low battery/ charging/ full, will show on the right top; if no icon display, it means the battery is normal.
- **Volume:** turn off or turn on the sound of monitoring video.
- **Playbak:** check the videos recorded in the SD card.
- **Scene:** Select video scene mode.
- **Full screen:** cellphone can play the video at full screen.

- **Screenshots:** screenshot for the current video. View the screenshot image in the file.
- **Speak:** Turn on or turn off the intercom function. The intercom volume can be adjusted in the setup management of the device.
- **Record:** Cellphone can record the local video, you can view the local video in the file.
- **User management:** enter the device user management interface, you can view / add / delete certified users.
- **Device management:** enter the device management interface, you can start equipment management and configuration.

Description for other functions related to monitoring:

- **Night vision photosensitive function:** When the video doorbell is in dark environment, IRCUT lens infrared filter is turned on, infrared light on, video surveillance images will be changed from colorful to black&white. Only when the doorbell to restore the light environment, IRCUT lens infrared filter will turn off, infrared light off, video surveillance images from black and white images back to color images.
- **Echo suppression:** Echo suppression is supported.

5.Android APK Monitoring functions

5.1 Volume

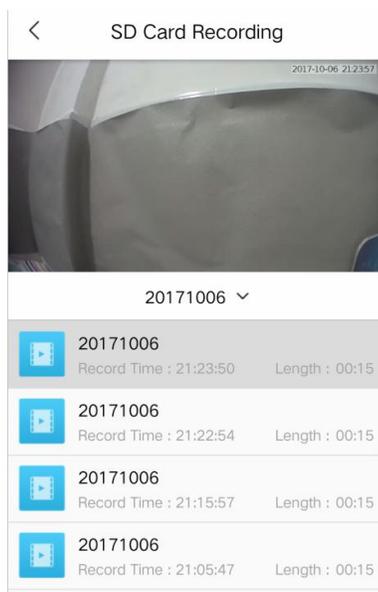
Volume: Turns off or turns on the sound of the monitored video.

5.2 Playback

Playback: View the recorded video on the device TF card. In the video interface you can choose different dates and different time recording files to play.

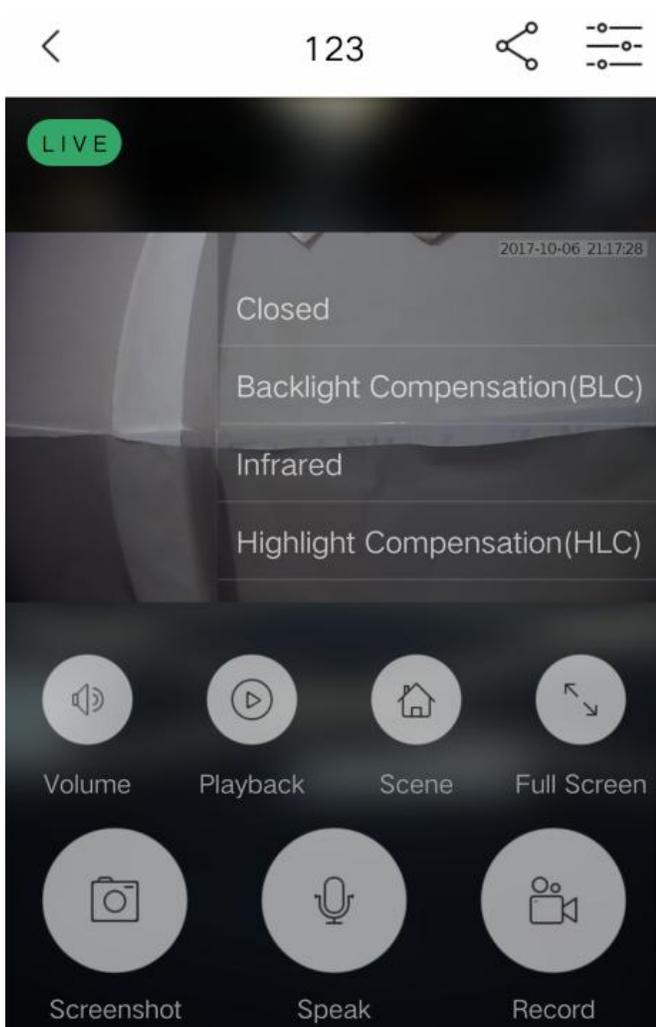
Each record has a video type, recording date, recording time, recording time record, click the record to play this video. In the case of unattended connection,

the default automatic recording time of the doorbell can be configured in the automatic recording time set by the device.



5.3 Scene mode

Scene mode:video scene modes for choose



Closed: Video images are initial images. Default setting.

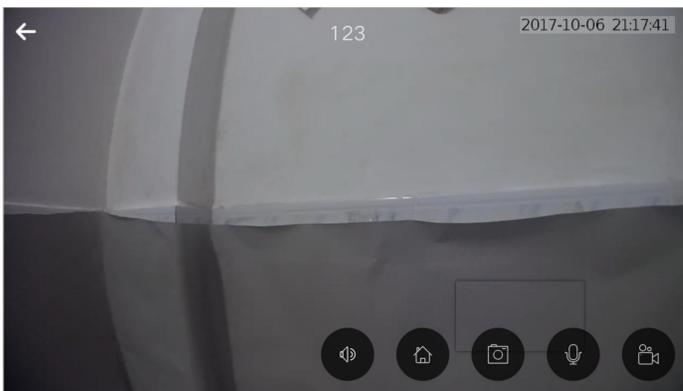
Backlight compensation: Apply to weak-light situation, which make the dark district of the image more clear.

Infrared: In this scene, IRCUT camera infrared filtration and infrared lamp will turn on, the images of video turn to black and white instead of colorful.

HighLight Compensation: Suitable for strong light environment, can effectively inhibit the direct light caused by direct light shine too.

5.4 Full Screen

Click  on the monitoring screen or horizontal the phone screen to enter full screen mode . Click  turn back to Vertical screen mode.



5.5 Screen Shot

Screen Shot: Screen shot the current video image and the screen shot can be seen on the file.

5.6 Speak

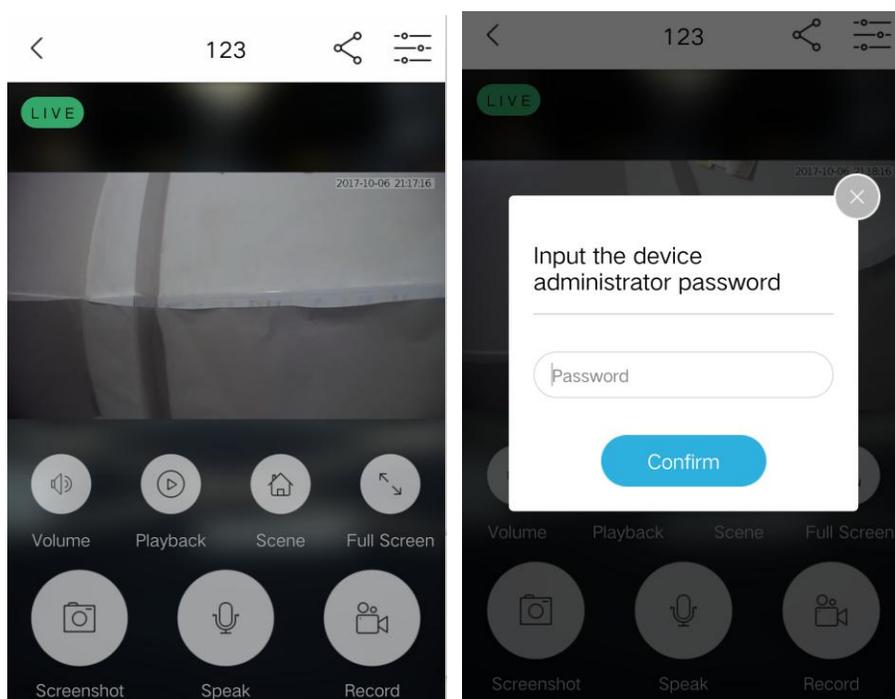
Speak: Speak function can be turn on or off. The volume can be adjust on the setting of the device.

5.7 Video record

Record: Record the monitoring videos and check the videos on the file.

6.Android APK User management functions

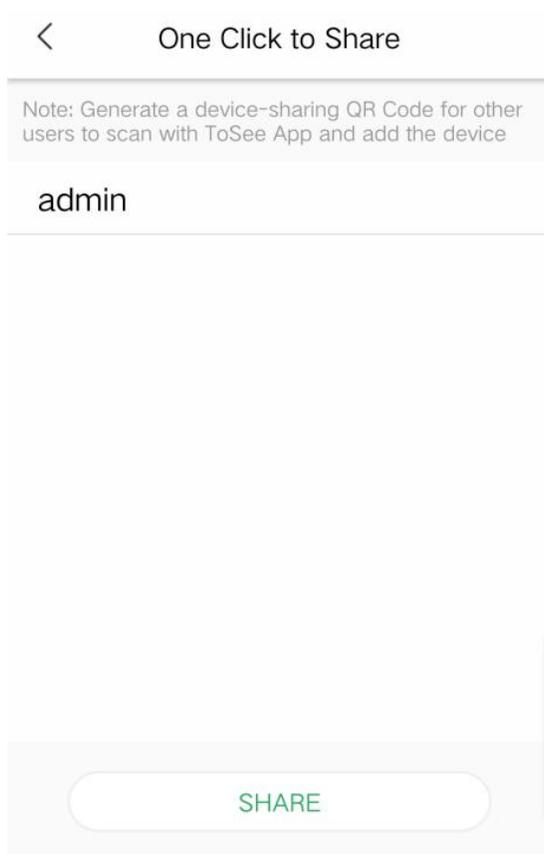
On the monitoring page, click  or , get administrator identity by input password of device, then get into user manage or device manage. It required only one pin input on one connect, then member manage or device manage is entered.



6.1 Add Verified Users/ QR code Share

You can only add device by scan QR code that shared by administrator. Each doorbell can only add 5 Verified users in maximum.

Enter  the shared page of user management, click , input share user's nick name, then share QR code created.



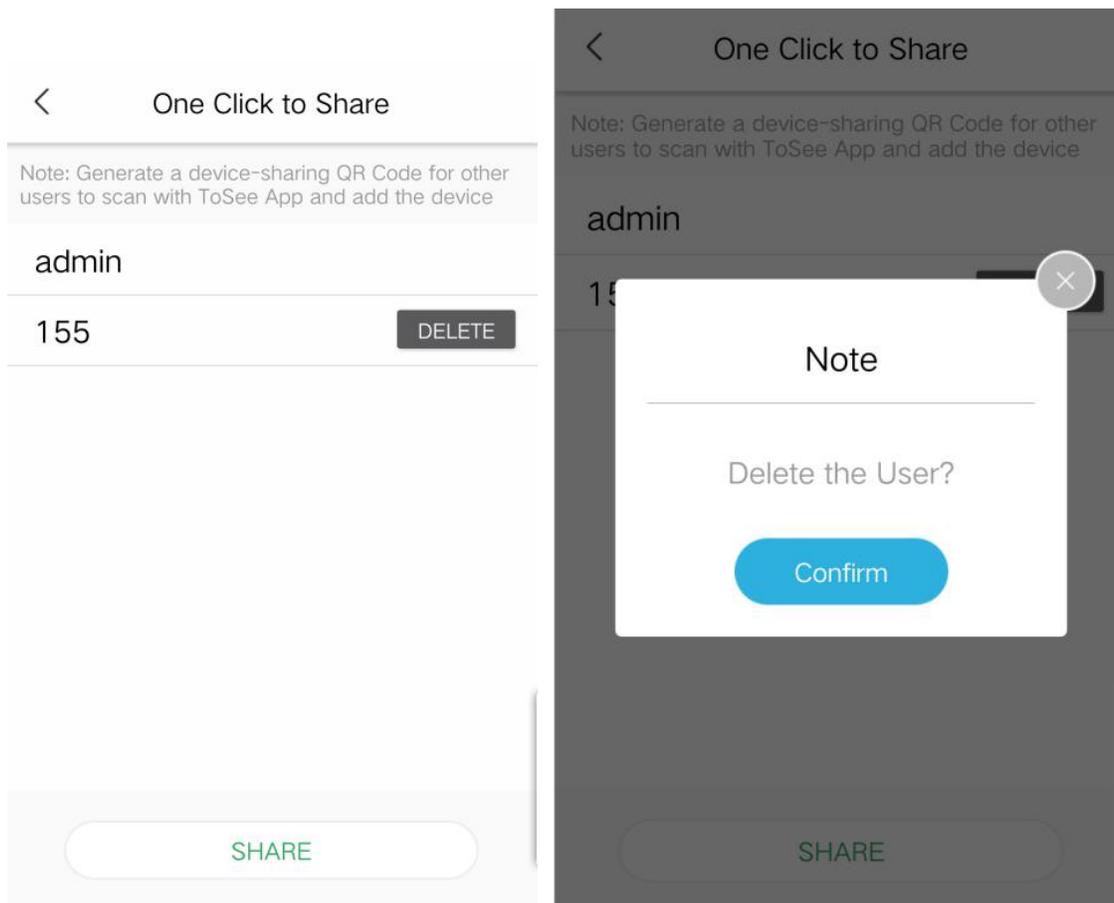
QR code can be shared to Wechat and QQ contracts, also can be forward by Email or SMS. New users can scan the QR code directly to add device.

Note that mobile phone users need to connect the device to become a verified user after adding the device.

6.2 Delete verified users

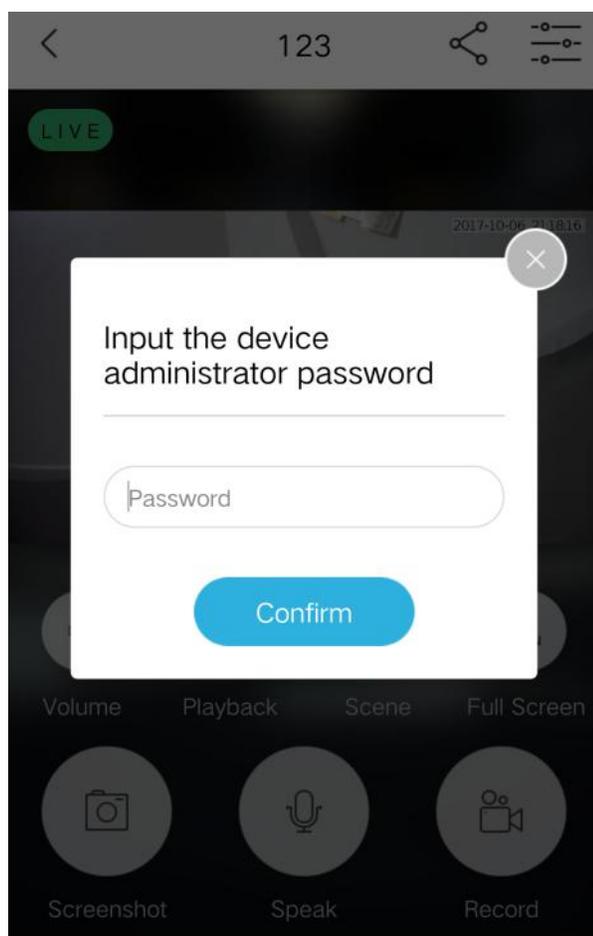
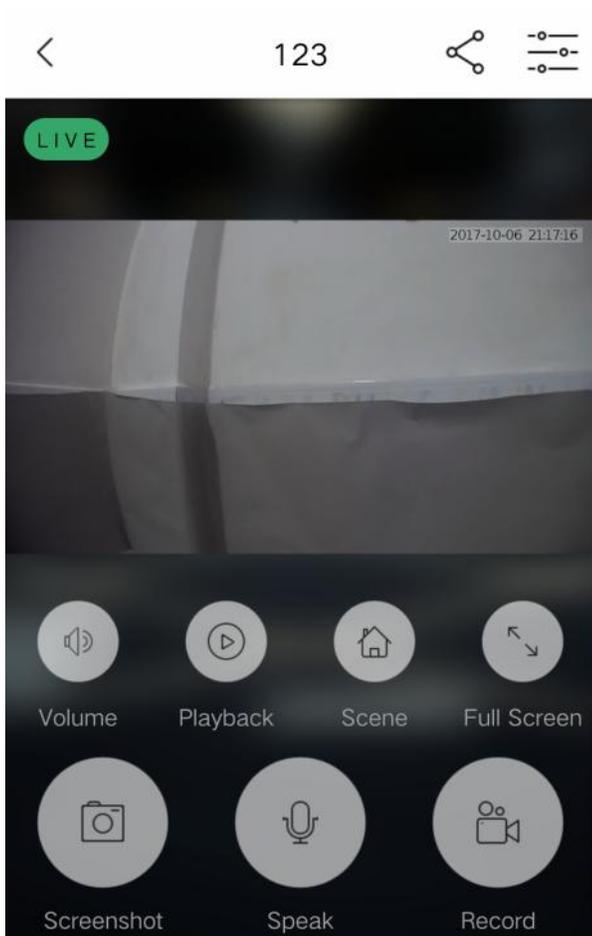
Choose  the verified users that need delete on user management page, confirm delete. There will be a reminder if any Unverified users try to connect device.

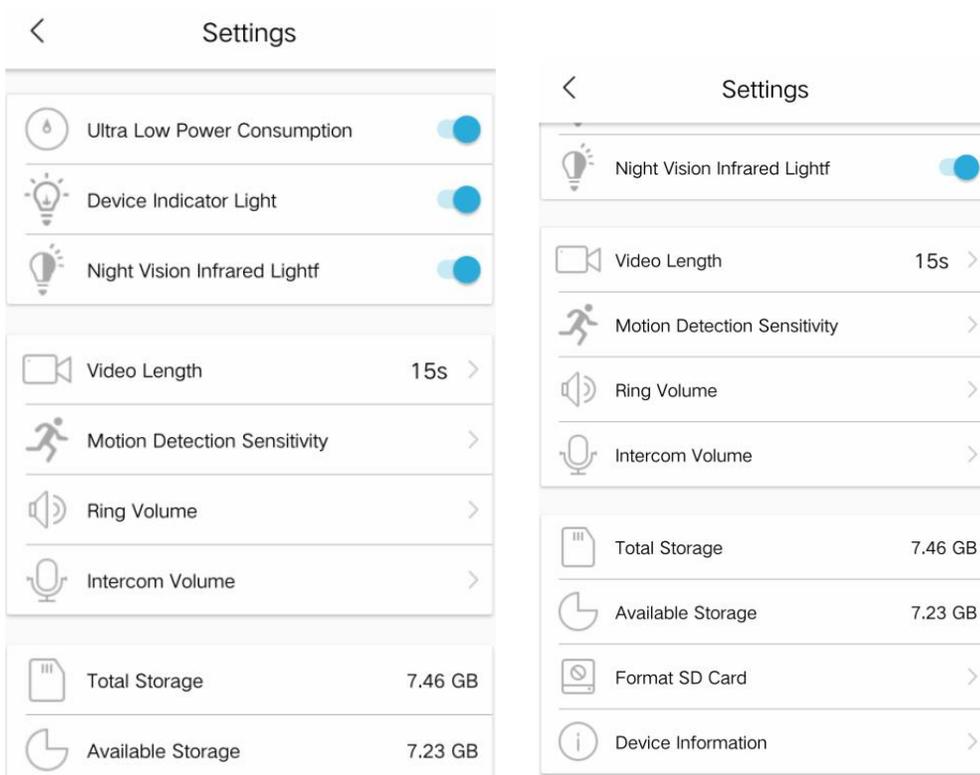
Except users of current phone and internet, administrator can also delete other verified users. The deleted users turn to unverified users, it will remind if they connect device.



7.Android APK device management function

On monitoring page of device, click  or , get administrator identity by input password of device, then get into user manage or device manage. It required only one password input on one connect, then member manage or device manage is entered.





Device Settings Page Function Description:

- **Ultra Power Consumption:** Configure whether the device uses ultra-low power mode to connect WiFi.
- **Device indicator light:** Configures whether the indicator light around the device keypad flashes while active wake-up and pir wake-up.
- **Night Vision Infrared Light:**configure the device to support night vision.
- **Video length:** configure the device automatically record or not, and set automatic recording time.

- **Motion Detection Sensitivity:** Configure the sensitivity of the device motion detection PIR.
- **Ring Volume:** Ring and button volume settings.
- **Intercom Volume:**Intercom Volume settings.
- **Video Scene:**video scene settings.
- **Total capacity:** Check the total capacity of the TF card.
- **Available capacity:** Check the available capacity of SD card.
- **Format SD Card:**Format SD Card of the device.

Device Information:

B) **Product information:** View product name.

B) **Device Number:** View device unique number.

C) **Device Name:** View and modify nickname of the device .

D) **Firmware number:** Upgrade and view firmware version information of the device.

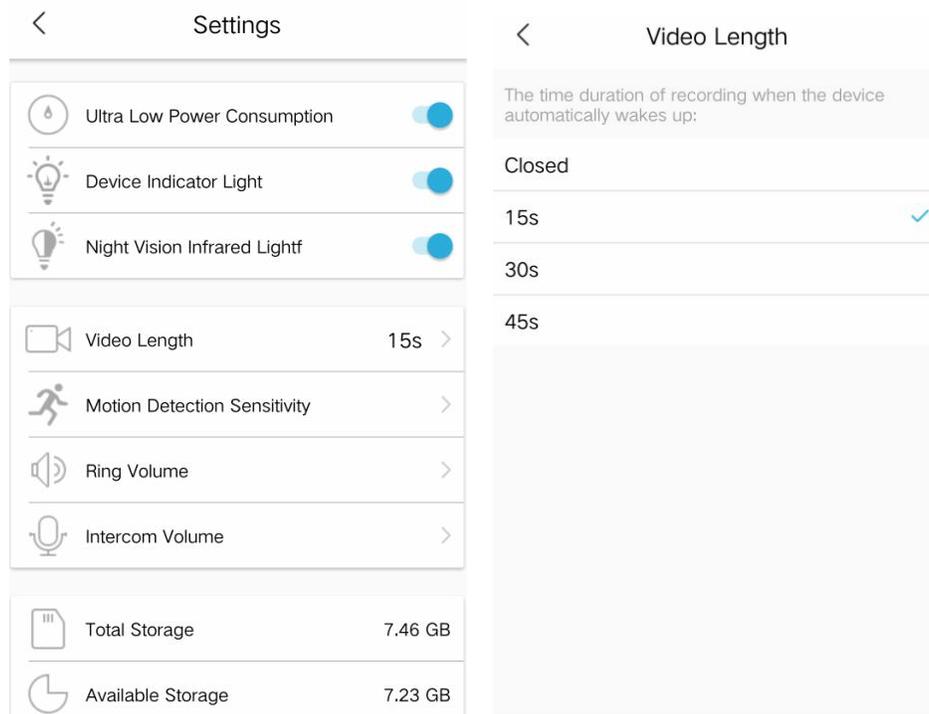
E) **Configure the device time zone:**The function of Configure the device time zone.

7.1 Ultra Low Power Consumption / Device Indicator Light / Night Vision Infrared Light configuration

Enter Settings interface of the device , toggle the switch , you can turn on / off the device the following settings:

7.2 Video Length Setting

Enter Settings interface of the device , Choose "Video Length time".



Video length:

【Off / 15 s / 30 s / 45 s】 , default: 15 s.

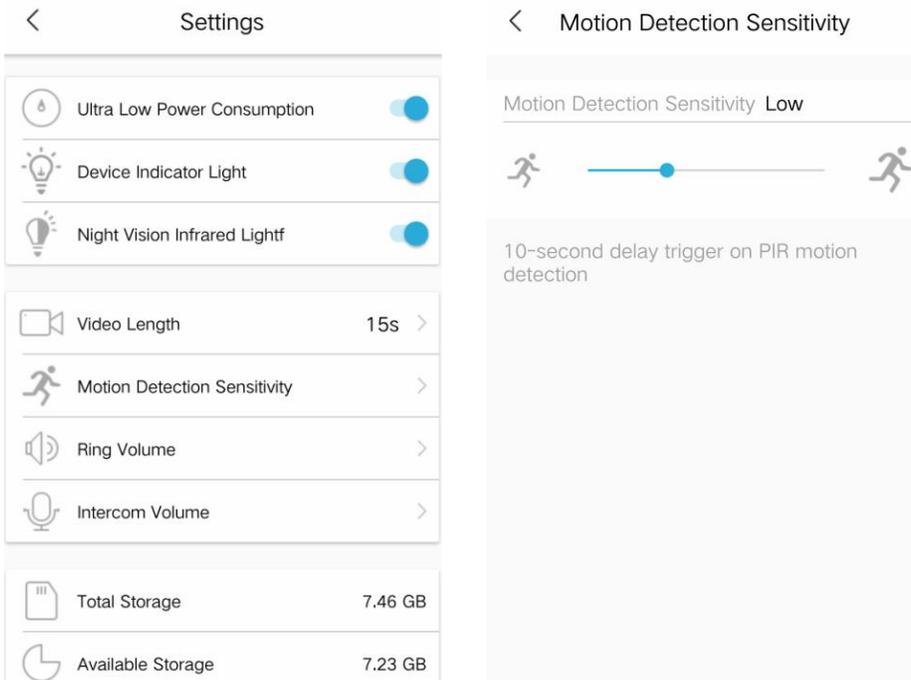
- When set to: **【15 s / 30 s / 45 s】** . In the case of TF card is inserted into the device , support the function of recording

according to the configured automatic recording time after each wake-up. If the device has a user through the APK connection, the recording end time is the device standby time (the user exits the connection after 5s, the device will be in standby status).

- When set to: 0. The device will recording nothing.

7.3 Motion Detection Sensitivity Configuration

Go to the device setting interface  and select "Motion Detection Sensitivity". Enter the motion detection sensitivity setting, move the slider to configure the sensitivity value.

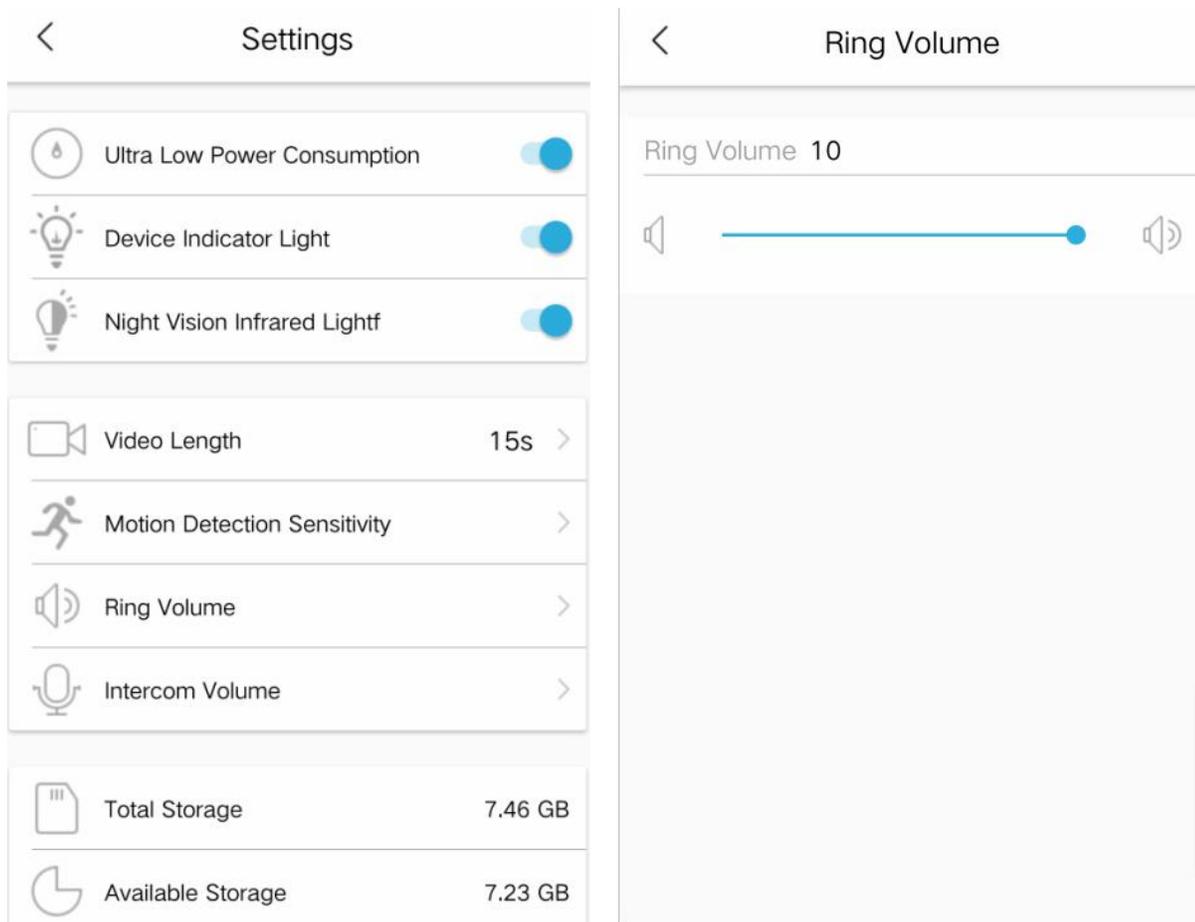


Motion Detection Sensitivity Configuration Value : [Off / Low / Medium / High].

- When set to: Off. PIR does not triggered.
- When set to: Low. PIR will be triggered within 10 seconds after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the APK, and record the monitoring video of current equipment .
- When set to: Medium. PIR will be triggered within 5 seconds after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the APK, and record the monitoring video of current equipment .
- When set to: High. PIR will be triggered immediately record after enter into the PIR detection range, the device is awakened by motion detection, send a push message to the APK, and record the monitoring video of current equipment .

7.4 Ring volume setting

Go to the device setting interface  and select "Ring Volume". Then enter the ring volume setting page, move the slider to configure the ring volume value.

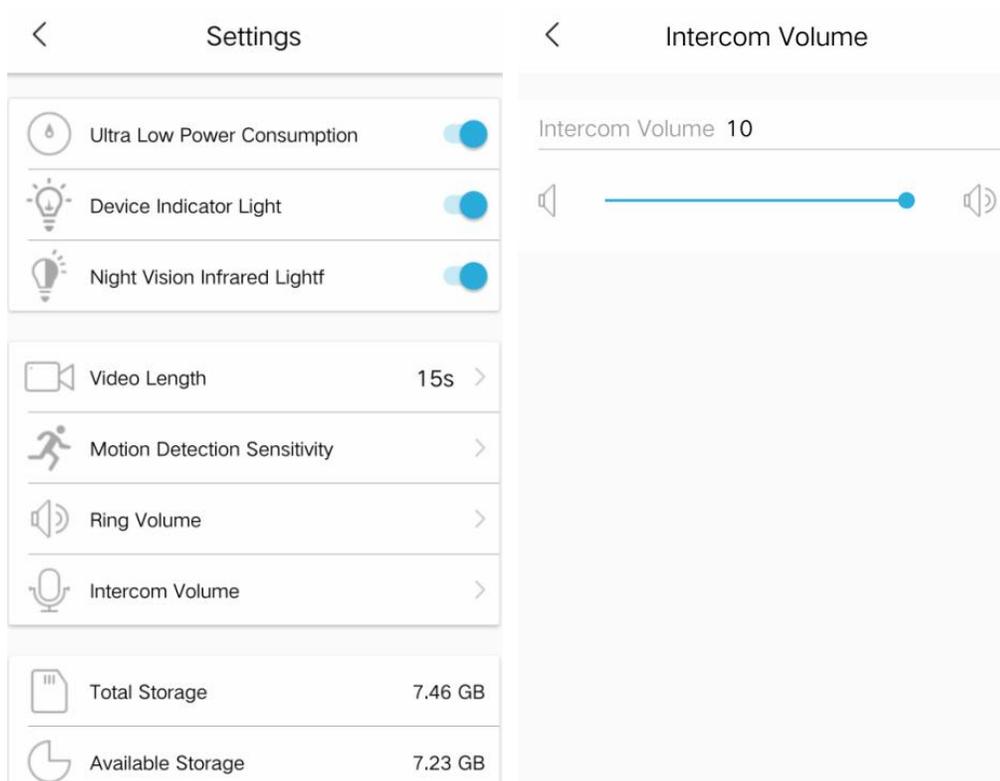


Device Ringing Volume Range: [0,10], default: 10.

- When set to: **【1, 10】** , the device make a sound like "ding dong" . The higher the value, the greater the device ringing sound.
- When set to: 0. The device does not ring.

7.5 Intercom volume settings

Enter the device setting interface , select the "Intercom Volume". Enter the intercom volume setting, move the slider to configure the intercom volume value.

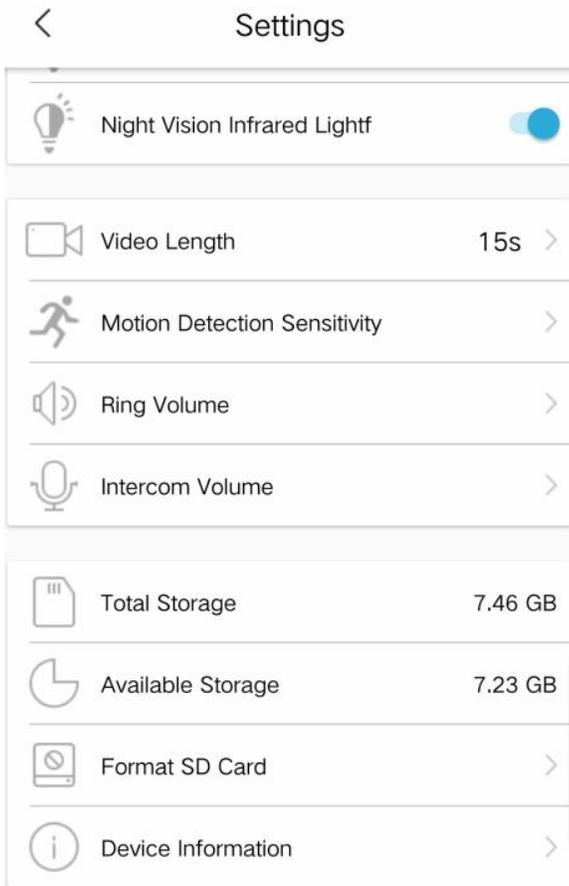


Device intercom volume value range: **【0,10】** , the default value: 10.

- When set to: [1, 10], when apk users communicating with users who stand in front of the device and can hear the apk user's voice that transferred by device . The higher the value, the greater the sound.
- When set to: 0. The device does not transfer the apk user's voice.

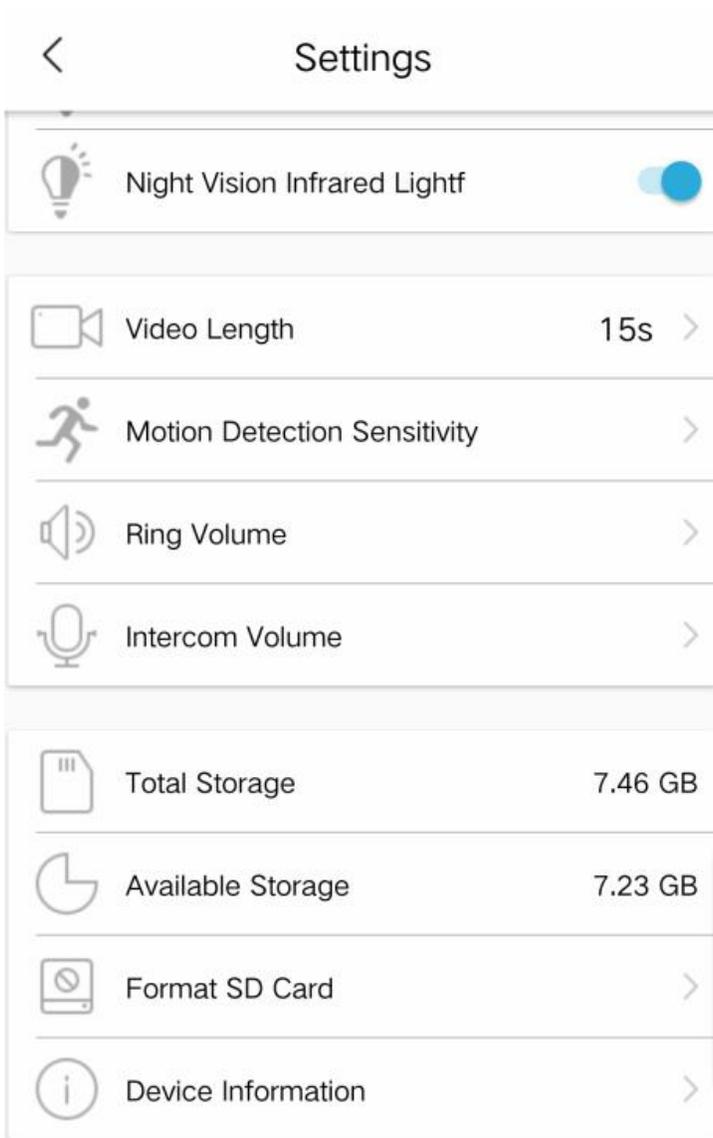
7.6 View TF card capacity

Enter the device setting interface , you can view the "SD Card total Storage" and "SD Card available storage".



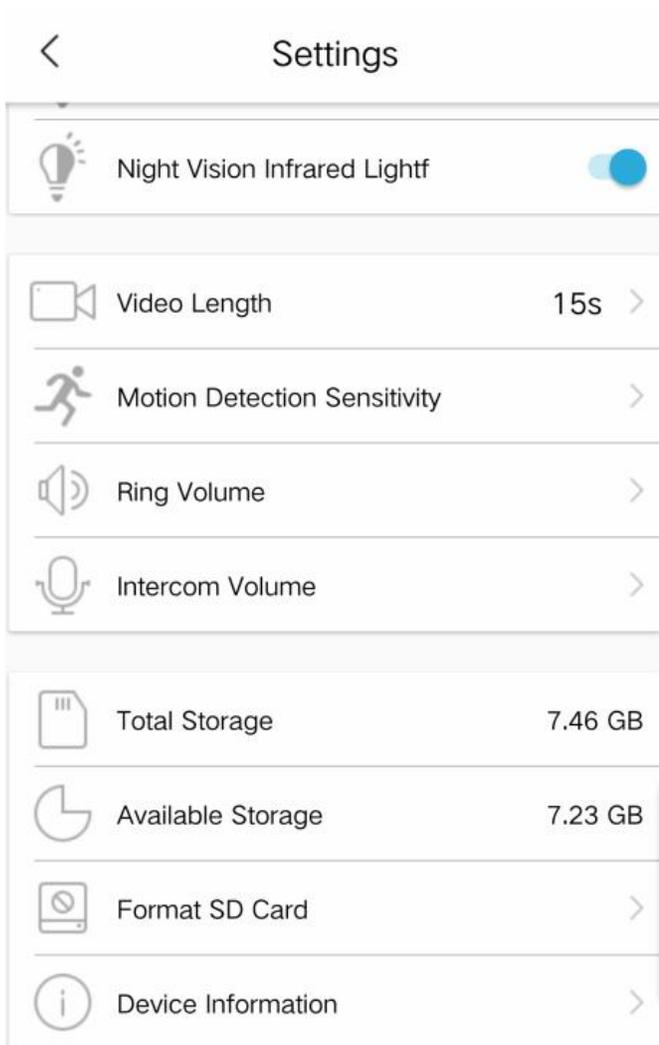
7.7 Format SD card

Enter the device setting interface , select "format SD card", click "OK", then SD card will be formatted.



7.8 Device information and number

Go to the device setting interface  and select "Device Information". You can view the product information and device number on the device information page, which is the unique information for the device.



7.9 Device nickname modification

Go to the device setting interface  and select "Device Information". Click the device name on the device information page, enter the new device nickname, then click "OK". After modifying the nickname, the device information of the home

page and all the push messages of the device are identified by the new nickname.

8.The Android APK message receiving and pushing

8.1 Doorbell call pushing

The device will push ringing messages to your mobile phone when the doorbell is pressed. Then you can choose to answer to enter the mobile phone monitoring interface, can also choose to reject.



8.2 PIR Mobile Detection Pushing

PIR Mobile Detection Push mode will be activated when someone stops and moves in front of the device. Your phone

can be connected to this device directly when you click the push message.

9.Upgrade Operation

The doorbell needs to update the firmware version or time zone need to be synchronize with the phone if a red dot appears on  icon that in the upper right corner after entering the device. Click  to enter Device Management Interface, you can see a red dot reminder on right side of “Device Information”, then click it to enter device information management page.

Firmware version displays current firmware version number; if there is a “Upgrade” icon on right side of current firmware version number, which means the device has a new firmware version to be upgraded. Click “Upgrade” to update the firmware version.

Notice: A TF card should be installed in the device when do online upgrading operation if the firmware version is TOSEEHA20M01D01D011 or below. Otherwise the upgrade process will be failed.

Reminder: Please ensure the device is online and power on during upgrading. If the upgrading is suspended, please try again later.

Status Introduction During Device Upgrading:

- 1) Blue and red light flashes simultaneously every 1s means device is upgrading. Please keep the power on.
- 2) Blue light flashes every 1s means the upgrading is finished. Device can be connected to network to work.

Blue and red light flashes alternately every 1s means the upgrading is finished, but the network is disconnected.

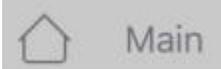
10. Modify the time zone

Time Zone Modification means we can synchronize time of your phone to device if time on two devices are not consistent. Modifying the device time zone will affect the time display of relevant function such as monitoring, recording, etc.

The device needs to update the firmware version or time zone need to be synchronize with the phone if a red dot appears on  icon that in the upper right corner after entering the device. Click  to enter Device Management Interface, you can see a red dot reminder on right side of “Device Information”, then click it to enter device information management page.

Click “Configuration” to synchronize the time zone.

11. Message page description of Android System

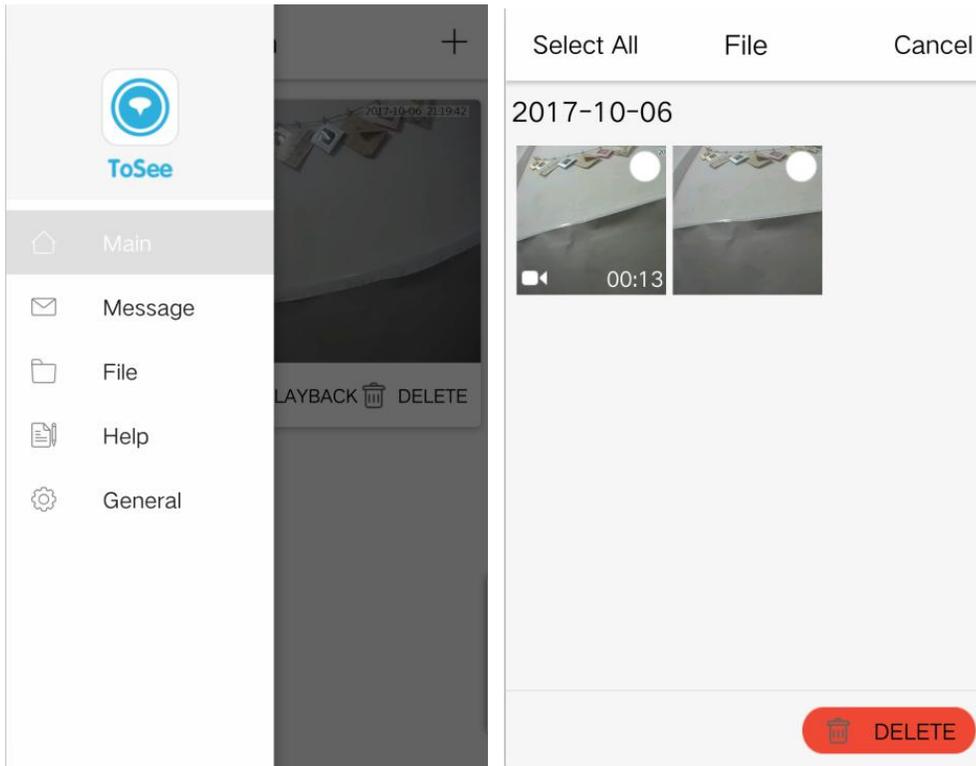
Enter APK side slide menu page, select  to enter history push message management. If the device installed SD card, there is a “PLAY” reminder that you can click to watch the pushing video.

New push message reminder: If there is a red dot reminder on , which means APK has new push message. Enter APK side slide menu page, click  to enter history push message management to clear all red dot reminders.

Click  to enter editing mode, tick  or click “check all”, then click “delete” to delete history push messages.

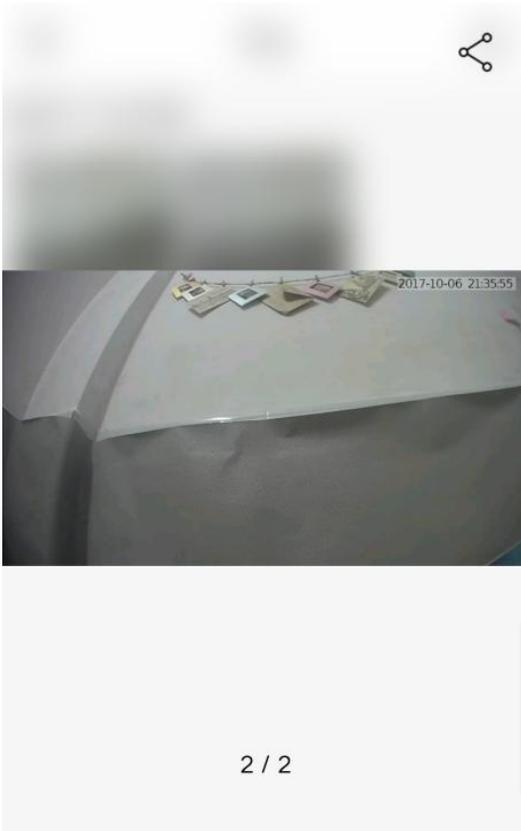
12. File Page Description

Enter APK side slide menu page, select  to enter file management. The local storage videos and screenshots can be checked by clicking the relevant video or screenshot.



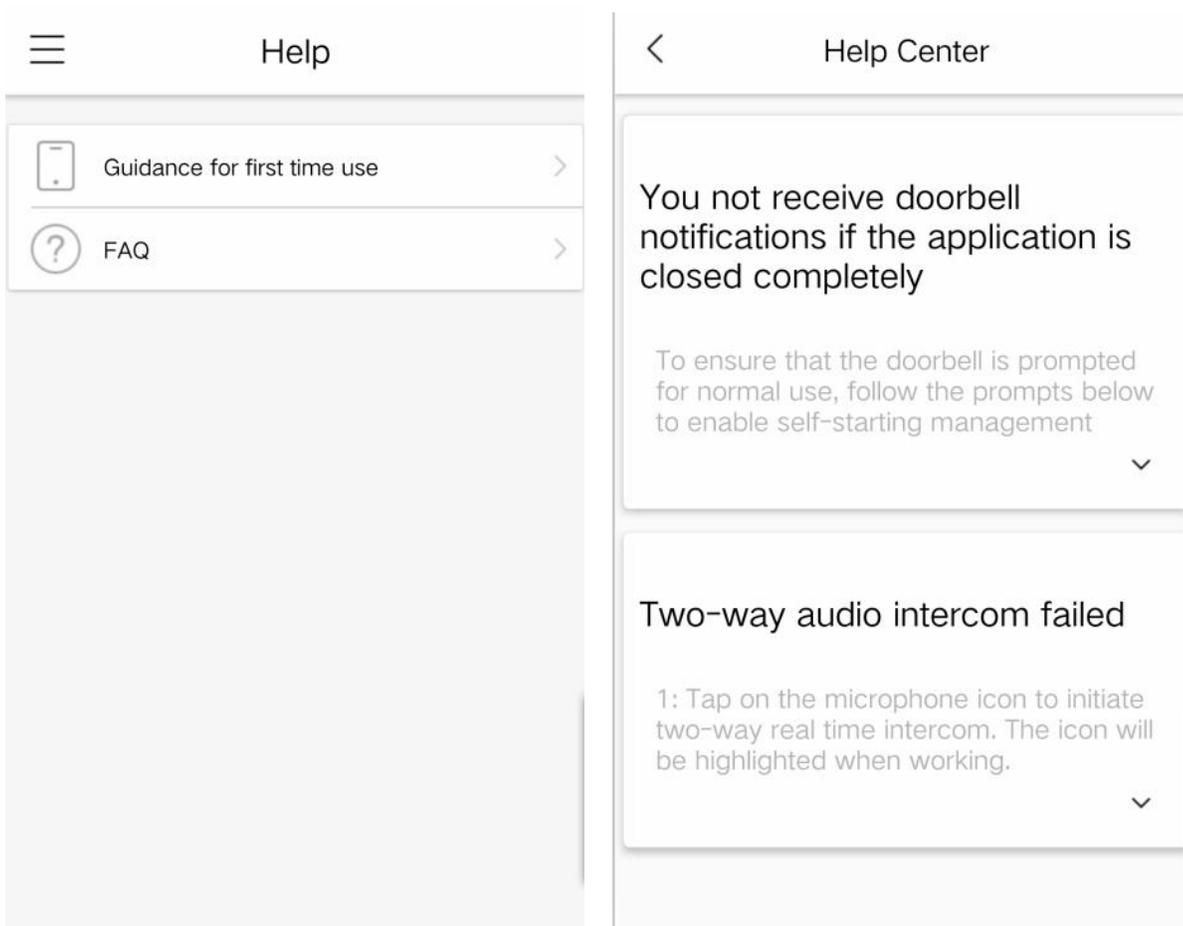
Click to enter editing mode, tick or click “check all”, then click “delete” to delete picture or local storage video;

Click on video to play and click on image to view larger image. Click share icon in the top right corner can share photos or videos to your Wechat, QQ(only support image mode), can also share it with your friends via email or SMS(only support image mode).



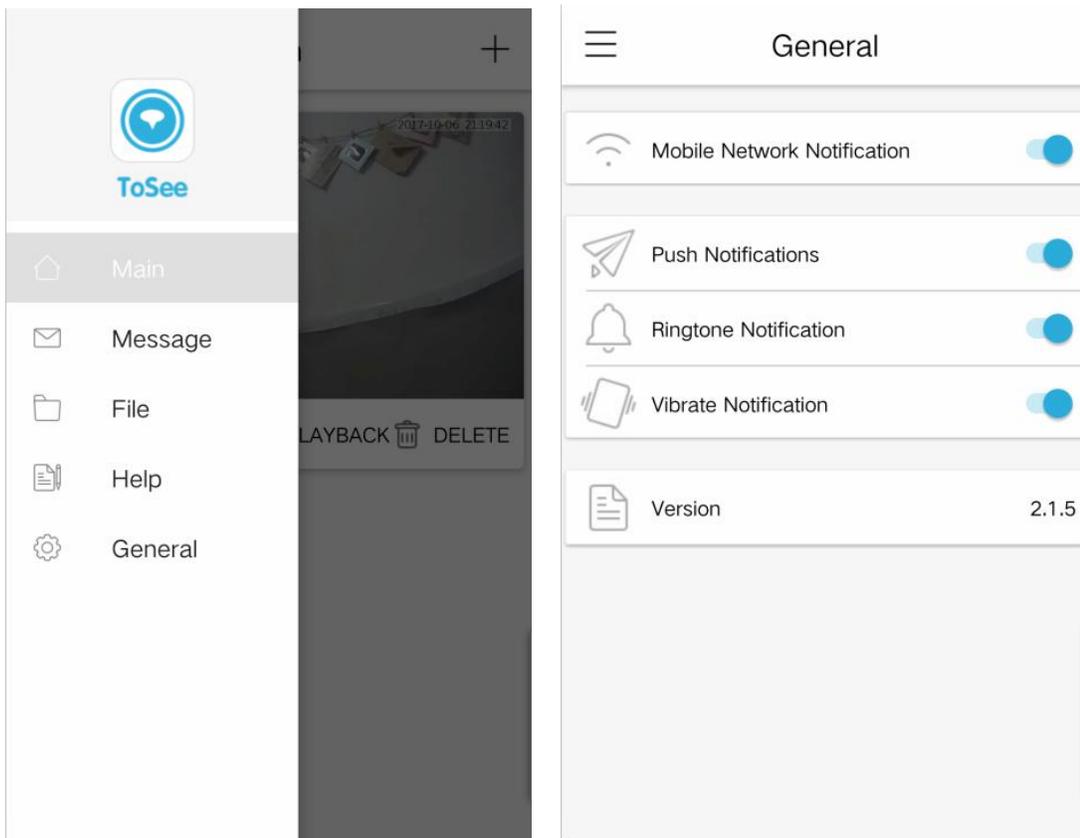
13. Help Page Description

Enter Apk side slide menu page, select  Help to enter HELP page.



14. General Page Description of IOS System

Enter APK side slide menu page, select  to enter APK general setting page.



General Setting Instructions:

Push Message: Setting APK to whether receive push message or not.

Mobile Network Reminder: Setting Apk to whether remind you “You are using mobile network to play, whether to continue”.

