iHome 4
Smart Peephole Viewer
Video Doorbell

Version 1.4

August 2016

SECURITY CAUTION

- Use standard rechargeable battery only. Using other type of battery may cause damage.

- Handle with care to prevent damage caused by dropping.

- To prevent hardware damage, do not press hard on the indoor LCD lens, outdoor camera lens or outdoor PIR sensor (black ball shape).In case of LCD or broken lens avoid eye contact with crystal liquid.

- Do not put the product in place with high temperature/humidity/strong dust/salty fog/rain to prevent product damage.

- Micro SD card and SIM card should be inserted before the device is powered on. The card will not be recognized if the device is powered on firstly.

- Handle indoor monitor installation with care. Pulling hard on the FPC cable may cause damage and will not be covered by warranty.

- The pictures in this manual are for reference only. Detailed information please refer to the final product.

- The information contained in this manual is subject to change without notice.

SPECIFICATIONS

- Operating system: Android 4.4.2
- CPU: Dual core 1.2GHz ARM v7
- Wi-Fi: 2.4GHz IEEE 802.11b/g/n
- App: Android & iOS App
- Peephole diameter: 15mm ～ 58mm
- Peephole length: 35mm ～ 120mm
- Build-in battery: 12000mAh lithium-ion
- Working voltage: 4.2V

TROUBLESHOOTING

- Charge up the device if indoor monitor restarts frequently, it may be caused by a low power.
- Power off the device and re-insert the micro SD card, or insert another micro SD card if a "**Please insert Micro SD Card**" or "**Parameter error**" indication appears after SD card is installed.
- Indication of "**Device is not ready**" when pressing "**Outdoor**" button may be caused by an unconnected FPC cable with indoor monitor. Try to reconnect it.

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PACKAGE LIST

Part	QTY	Diagram Label	Notes
Indoor Monitor	1	①	Indoor viewing unit
Screws	6	②	2 x long screws & 4 x short screws
Outdoor Unit	1	③	FPC cable runs through peephole to connect monitor
Steel Bracket	1	④	Used for setting the indoor monitor
User Guide	1		Mini manual in box and this User Guide
USB Cable	1		Used for charging
Adapter	1		Used for charging

FAST INSTALLATION

Glue Foam — Door Panel — ④Steel Bracket — ①Indoor Monitor — Power Button — ③Outdoor Unit — Door Peephole — ②Screws — FPC Cable — Back Button
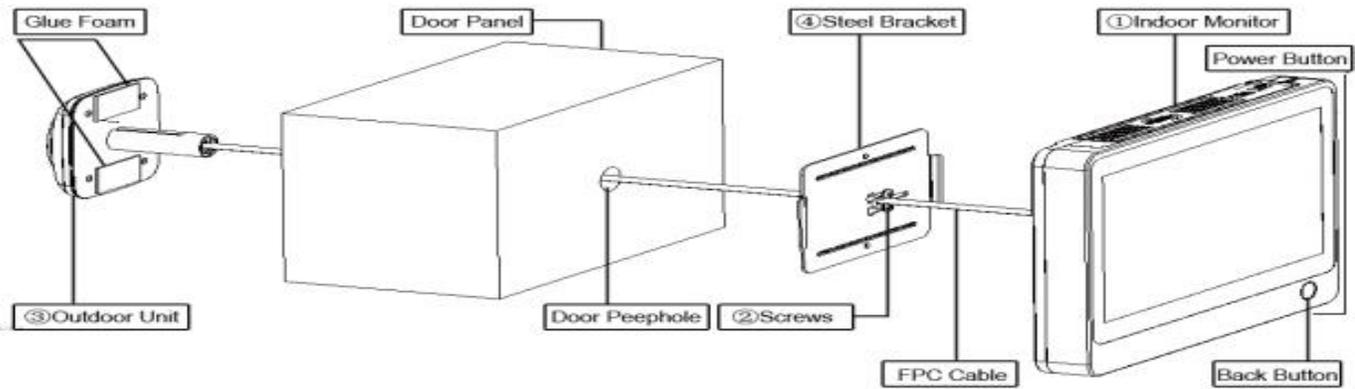
INSTALLATION

Installation Preparation
- Remove the old peephole viewer and check if the peephole diameter is 15mm.
- First time peephole viewer installation requires a 16mm diameter tapper to open a hole.

1) SIM & SD card installation

Insert SIM

Insert Micro SD
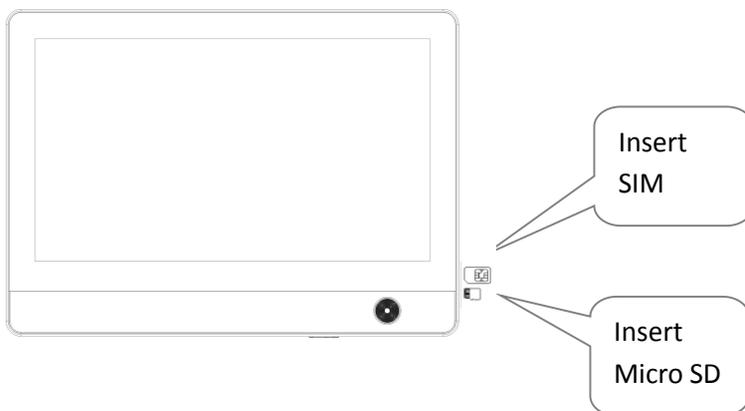
2) Installation Complete

Door Panel Installation

Choose appropriate screw length based on door thickness. Then twist it into the screw hole.
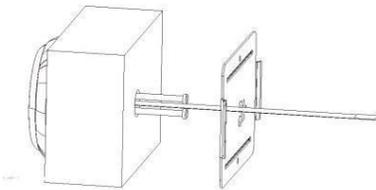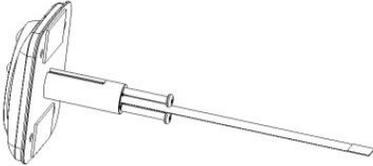
Feed the FPC cable through the rectangular hole. (**Note**: *The slim rectangle cut-out-section metal plate should be pointing to the right, with the largest bare-metal-section of the plate on the left side of the peephole*).

Move the steel sheet evenly towards the bolt.
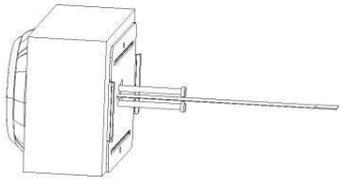
Press the steel sheet against the door, and move evenly from right to left.
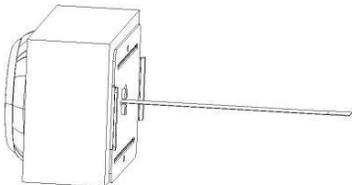
Tighten the screws to fasten the steel bracket. Ensure the outdoor viewer is squared up/level before tightening the screws.

Connect the FPC cable to the indoor monitor.
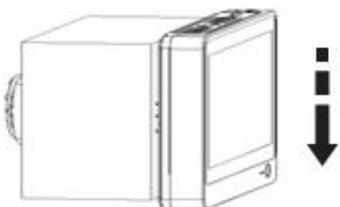
Secure the indoor monitor to the doorplate by sliding it from the top downward.

SOFTWARE
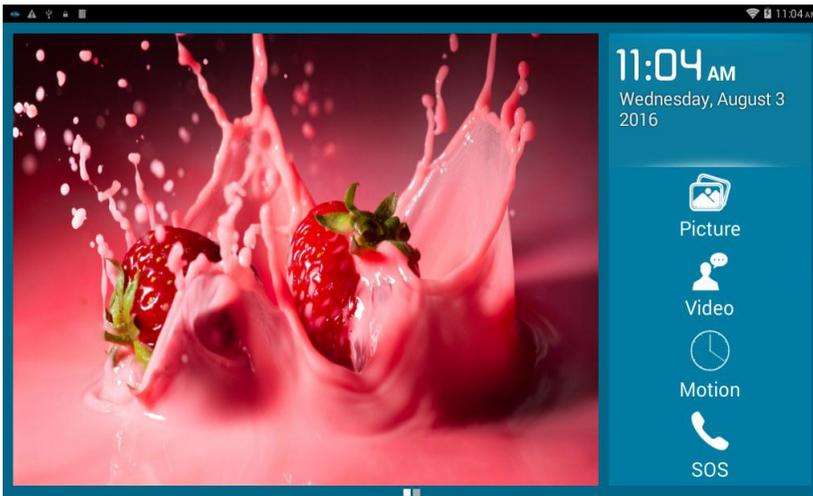
Picture
● System will create new file to save Visitor Picture according to picture time stamp.
● Press "**Picture**" icon, select target file to view, delete or sort.

Video
● System will create new file to save Visitor video according to video time stamp.
● Press "**Video**" icon, select target file to view, delete or sort. Select video file and press display to replay the video in video player.

Motion
● Press "**Motion**" icon to turn ON or OFF Monitor trigger.

SOS
● Press "**SOS**" icon to call SOS number automatically.

Outdoor
● Press the left wallpaper to connect camera to make real-time monitoring .

Main Menu
● Scroll left on second page to enter main menu interface.

MAINMENU
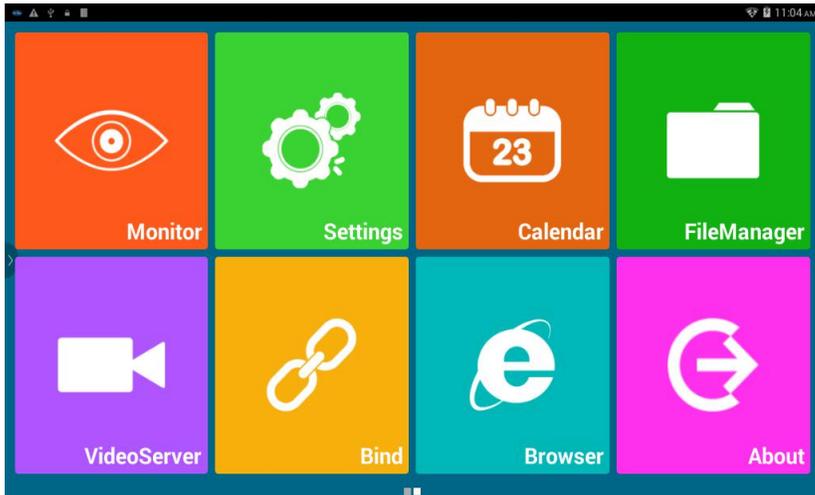
Monitor

Doorbell→Doorbell Settings

Set actions after pressing doorbell.
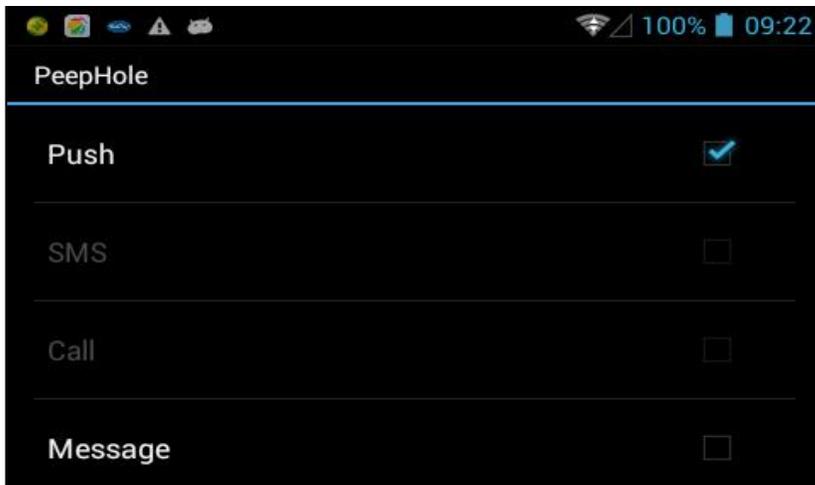
- Push: System will send notifications to early binding cell phone.
- SMS: System will send SMS "*Doorbell pressed warning from iHome*" to preset cell phone number.
- Call: System will make voice call to preset cell phone number. You must have a SIM card installed and setup for SMS/voice call to work properly. **Note**: *The SIM card must be purchased separately; it is not included in this product package.*
- Message: System will indicate the visitor may choose to leave a message and then record a video message.

Monitor

Set actions after detecting body motion.

- Monitor→Turn ON/OFF Monitor
- Monitor→Auto Alarm Time

Indoor monitor will alarm automatically when system detects body motion outside.

User can set alarm time at 5s, 10s, 20s, 40s, 1min.

Monitor→Sensor Settings
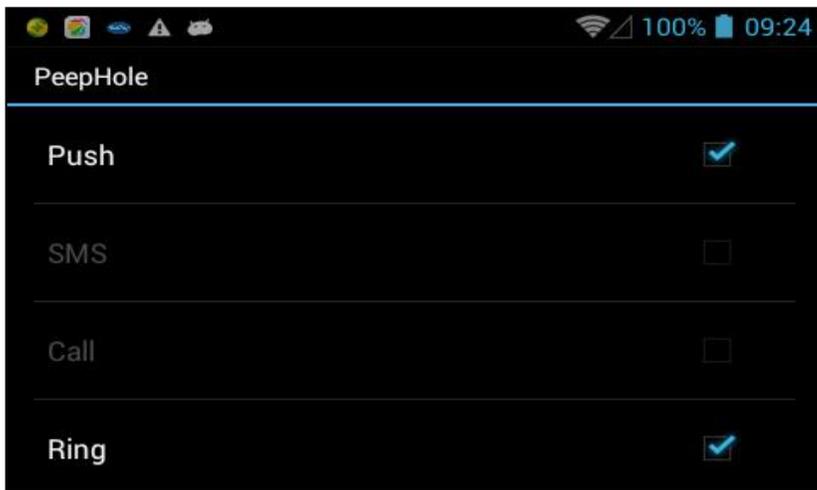
- Push: System will send notifications to early binding cell phone.
- SMS: System will send SMS "*Sensor warning from iHome*" to preset cell phone number.
- Call: System will make voice call to preset cell phone number. You must have a SIM card installed and setup for SMS/voice call to work properly. **Note**: *The SIM card must be purchased separately; it is not included in this product package.*
- Ring: System will alarm automatically when it detects body motion outside.

Master Number
- Set your cell phone number to receive voice calling or SMS from smart peephole doorbell system.

SOS Number
- Set your cell phone number, the police department, or other emergency number to receive SOS calling from smart peephole doorbell system.
- Press SOS key of indoor monitor to call SOS number automatically.

Ring and volume for doorbell & alarm
- Integrated optional ringtones for alarm and doorbell.
- 7 levels for ring tone volume, default MAX volume.

Set wallpaper
- Set favorite wall paper from system.

Set video record time in Message mode
- Set video record time at 5s, 10s, 15s, 20s.

Peephole view time
- Set view time at between 5-300s after short press the "**peephole**" button.

Led setting
- Auto: auto to open or close the infrared led according to the light conditions.
- Always open: always open the infrared led.
- Always close: always close the infrared led.

Live

- Live on: be able to connect app any time, it will drain your battery within 24 hrs under this choice.
- Live off: be able to connect app by doorbell push or motion activation, it will prolong the battery standby time.

Settings

WIRELESS & NETWORKS

- SIM management: SIM INFORMATION.
- Wi-Fi: Search and Connect to Wi-Fi.
- Data usage: View the usage of data traffic.

DEVICE

- Display: personalize display settings, including font size and sleep time.
- Storage: view the internal storage.
- Battery: battery level and battery status.
- Apps: app management.

PERSONAL

- Security.
- Language & input.

SYSTEM

- Date & time.

Calendar

- Press "**Calendar**" icon to view the date.

File manager

Manage files in system under Menu.

Video Server

System will support iOS/Android App, enable users' cell phone connect to the iHome4 device remotely, and create the real-time video call to see, hear, speak to the outdoor visitor anytime, anywhere by their cell phone.

Note: *please read the "**appendix**" about the connections between iHome4 device and smart phone for your reference.*

Bind

Press "**Bind**" to scan the QR code to bind the device directly.

Browser

Press "**Browser**" to browse the website based on internet.

About

Press "**About**" to view the Model number, Android version and Build number etc.

APPENDIX

The connections between iHome4 device and smart phone

It consists of four parts, please read it carefully before operating iHome4.

Part 1. How to connect your smart phone with iHome4 device
(**Note**: *iHome4 could work once you finish part one*)

Step 1. Register a user account on Rollup App

Step 2. Connect iHome4 device with your Wi-Fi

Step 3. Keep iHome4 under user binding window

Step 4. Bind iHome4 device to Rollup App

Part 2. App live Video Feed by Two Ways

1) App live video feed by pressing the doorbell

2) App live video feed by PIR motion alarm

Tips: *How to set PIR motion on iHome4 device*

Part 3. Set parameter for iHome4 App on smart phone

Part 4. Check new Rollup App version and set audio mode on App side

Part 1. How to connect your smart phone with iHome4 device

Step 1. Register a user account on Rollup App
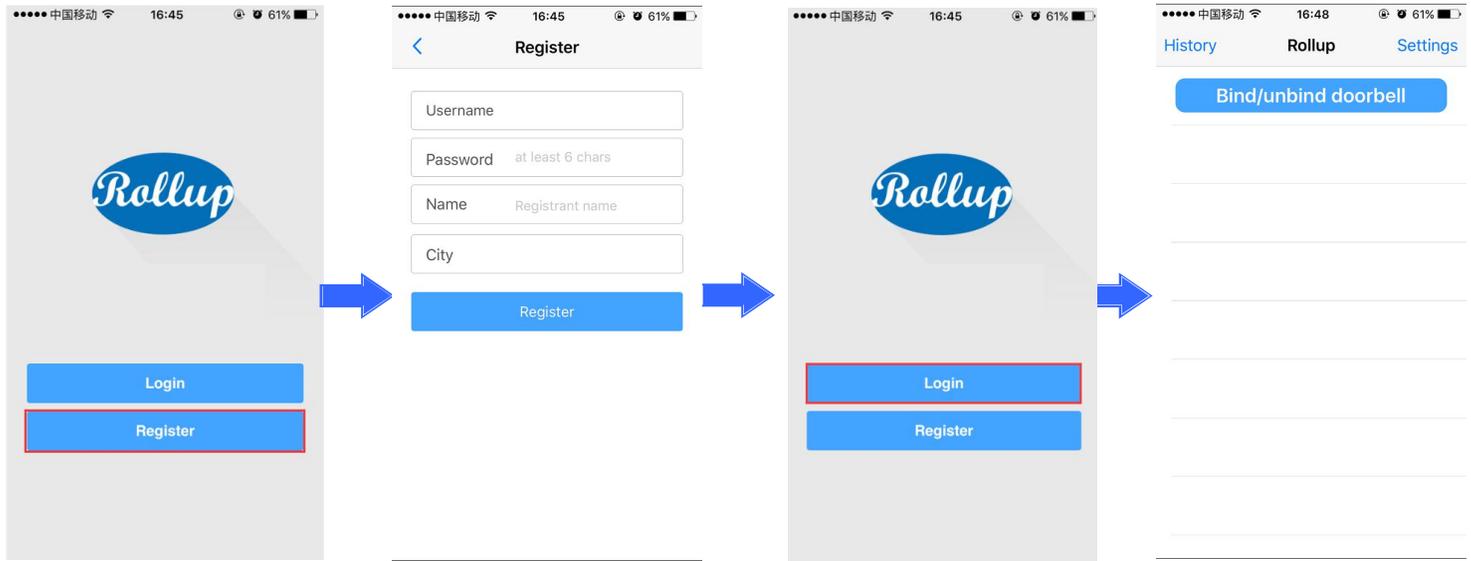
Notes: *You could download the App "Rollup" from Google play or Apple store.*

Step 2. Connect iHome4 device with your Wi-Fi

To make iHome4 device work with Rollup App on your smart phone, you need connect device with your Wi-Fi at first, below shows the process of connecting iHome4 device with Rollup Wi-Fi as an example(enter settings menu,you will find Wi-Fi).
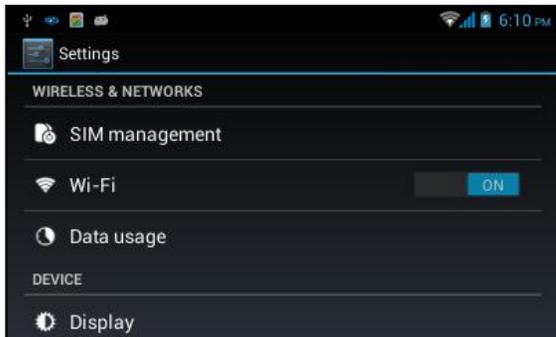
1) Click Wi-Fi to enter Wi-Fi page   **2**) Wi-Fi page, Click Rollup
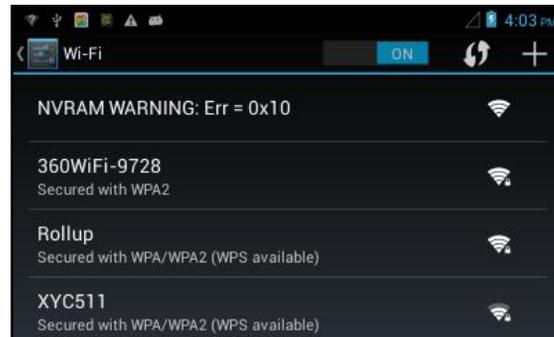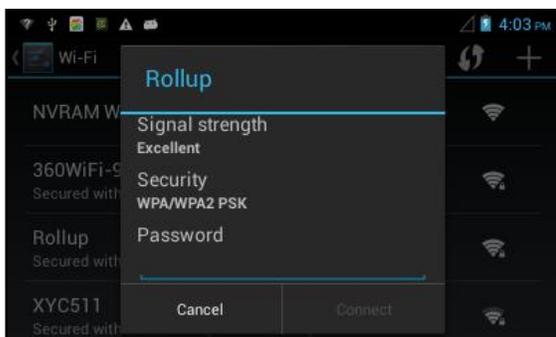
3) Input its password   **4**)   to finish Wi-Fi password
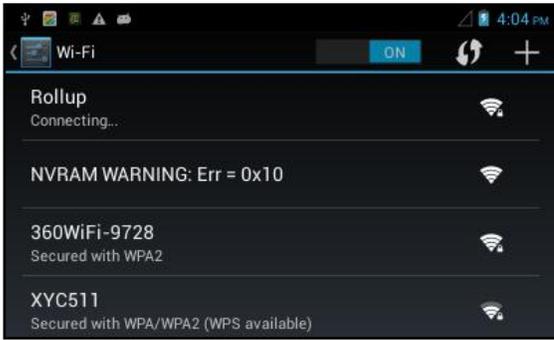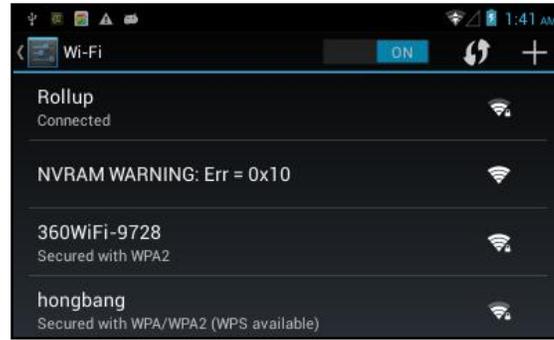
5)   Wi-Fi connecting   **6)**   Wi-Fi connected

Step 3. Connect device with App

      1   **2**   **3**   **4**   **5**
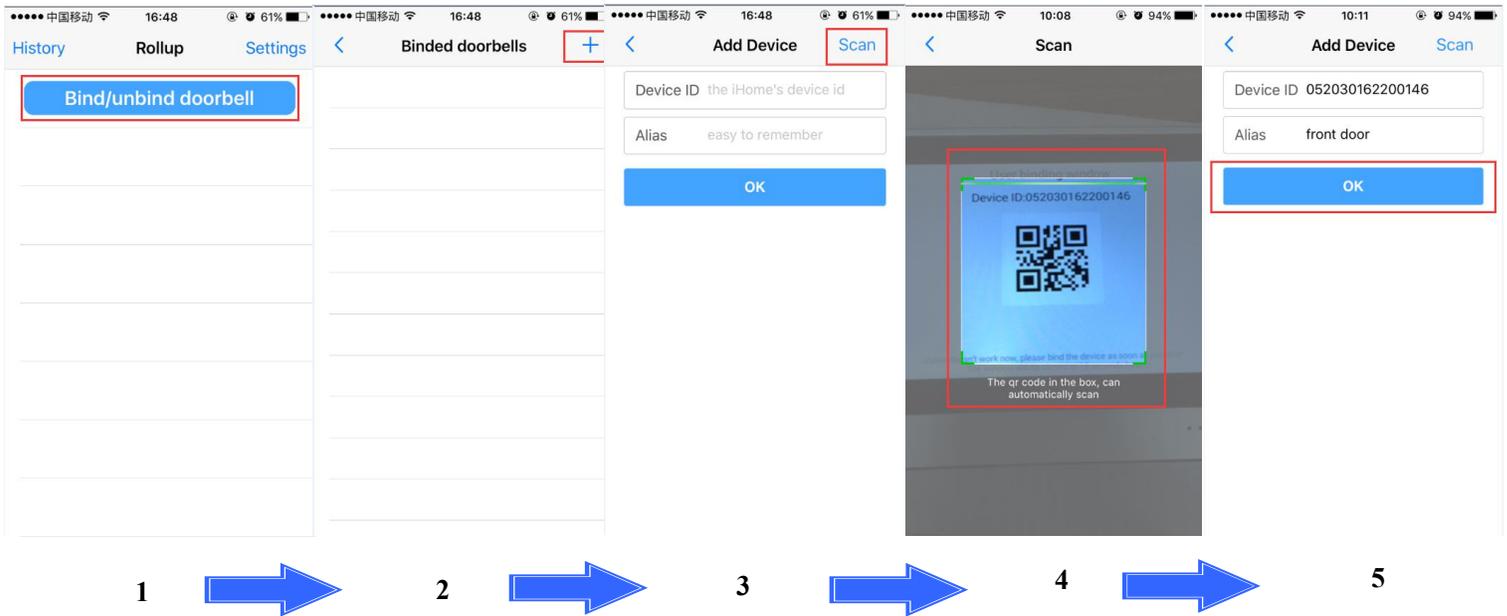
1. Login App bind the device

2. Click to the "*Bind/Unbind doorbells*" then click on

3. Click scan to connect with device
4. Scan the QR code from device to get device ID number
5. Please input device name and click "OK" to bind device

Step 4. Bind iHome4 device to Rollup App

User binding window

Device ID:052020142800039
Can be binded device!

Video doesn't work now, please bind the device as soon as possible!
The window will be closed at 34 seconds later

Device Before binding Rollup App with iHome4 device, please keep iHome4 under User binding window.

Please note : User binding window—under this page, you could start binding the device on your smart phone. This page only could last 40 seconds, once the time is not enough for binding, please re-enter this page before binding.

Device User binding window will receive a binding request, just click "*Accept*" to answer the request.

User binding window

tonyrequests binding with the iHome3 unit.

Accept   Decline

Video doesn't work now, please bind the device as soon as possible!
The window will be closed at 34 seconds later

Binded doorbells

052020144900038   ✓

052020144800085   ✓

052020143200077   ✓

ⓘ Binding

◯ Please wait ......
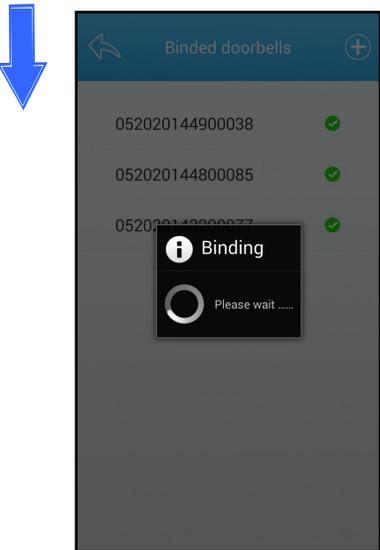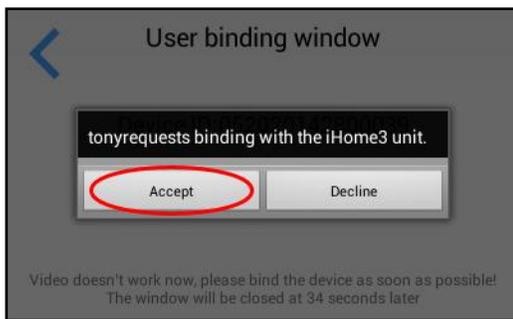
Rollup App shows the Binding process.

Device Once the binding succeed, you will find your user's name in the Binded users list.

Binded users

rolluptest

rollup123

Rollup

⊕ Bind/Unbind doorbells

No Name
052020142800039   Online

No Name
052020143200077   Offline

Success

No Name
052020144800085   Offline

No Name
052020144900038   Offline
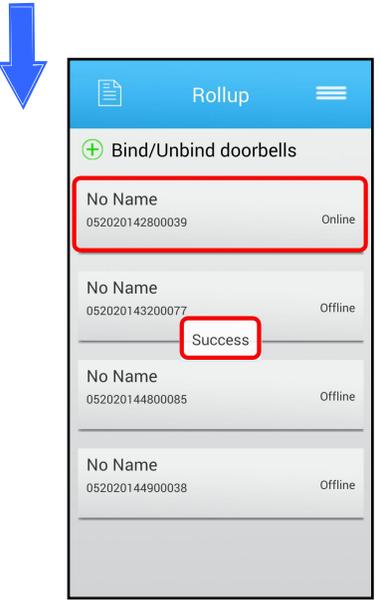
Rollup App will shows the device online.

Part 2. App live Video Feed by Two Ways

iHome4 will send alerts(live video feed) under two situation, 1)when somebody press the ring button, 2)Under PIR motion mode, auto alerts will be sent when somebody stay front of your door without pressing ring button.

1) App live video feed by pressing the doorbell

Live video feed
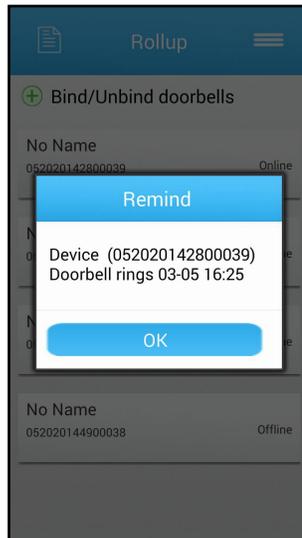
Notification on app
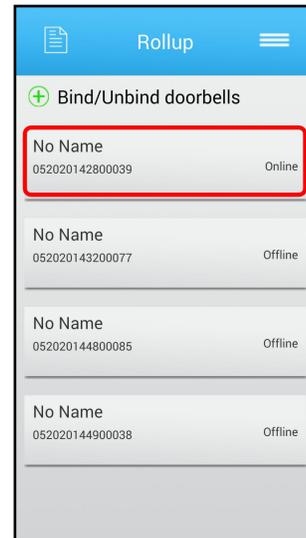
confirm the device number

Video talk

Connect device

Notes: *When you are having video talk with door visitors, you could press the smart phone screen and click Start record to record door visitors' talk with you, and the video record will be stored in the smart phone SD card (there is a file name "DCIM →Camera" in your smart phone).*

Rollup App will be updated continuously, and the new version will be noted to your smart phone.

2) App live video feed by PIR motion alarm

Live video feed
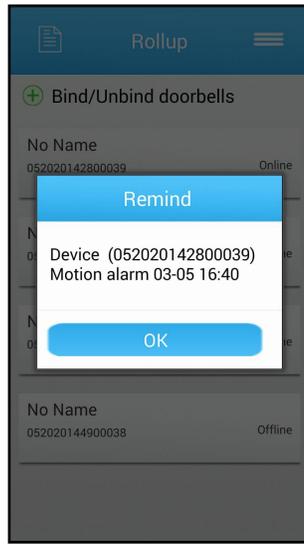
Notification on app
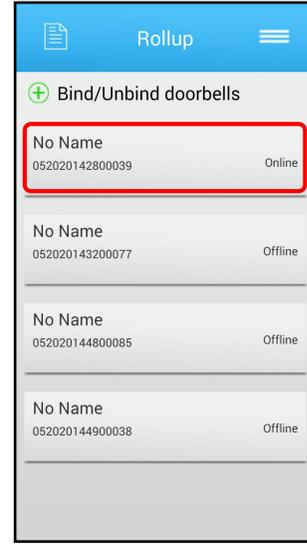
Confirm the device number

Video talk

Connect device

Tips: Set PIR motion on iHome4 device
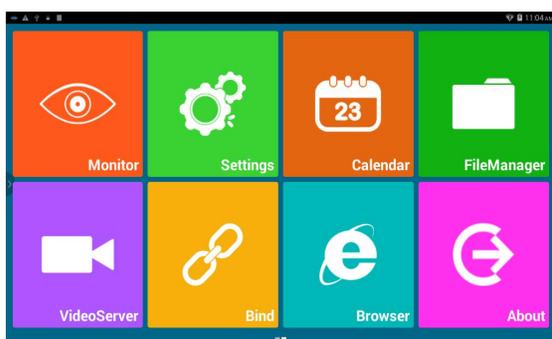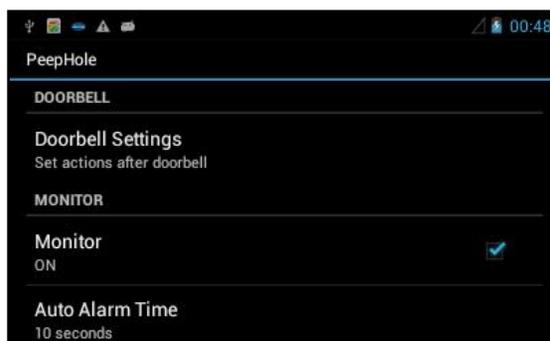
Click Monitor   Monitor to make PIR motion work
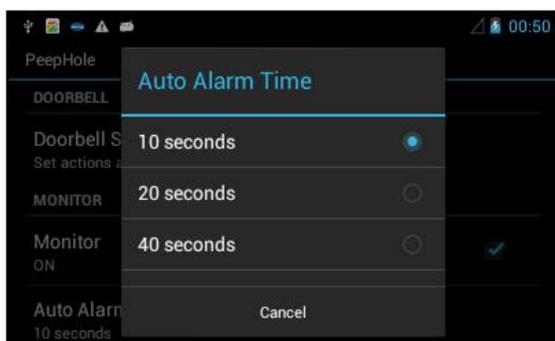
Auto Alarm Time   Monitor settings

Auto Alarm Time: There are 5 sec, 10 sec, 20 sec, 40 sec and 1min as choice. When you set 40 sec, iHome4 will send you alerts when somebody stay front of your door more than 40 sec without pressing your ring button.

Monitor settings: if you does not insert SIM card for iHome4, there are two choice for monitor settings, Push means iHome4 device need send you motion alarm alerts. As to Ring, if you click to choose it, the iHome4 device not only sent PIR motion alerts, but also will generate sound alarm, ring, ring, ring… (You could also do monitor settings on smart phone by remote, which please refer to part three).

Part 3. Set parameter for iHome4 App on smart phone
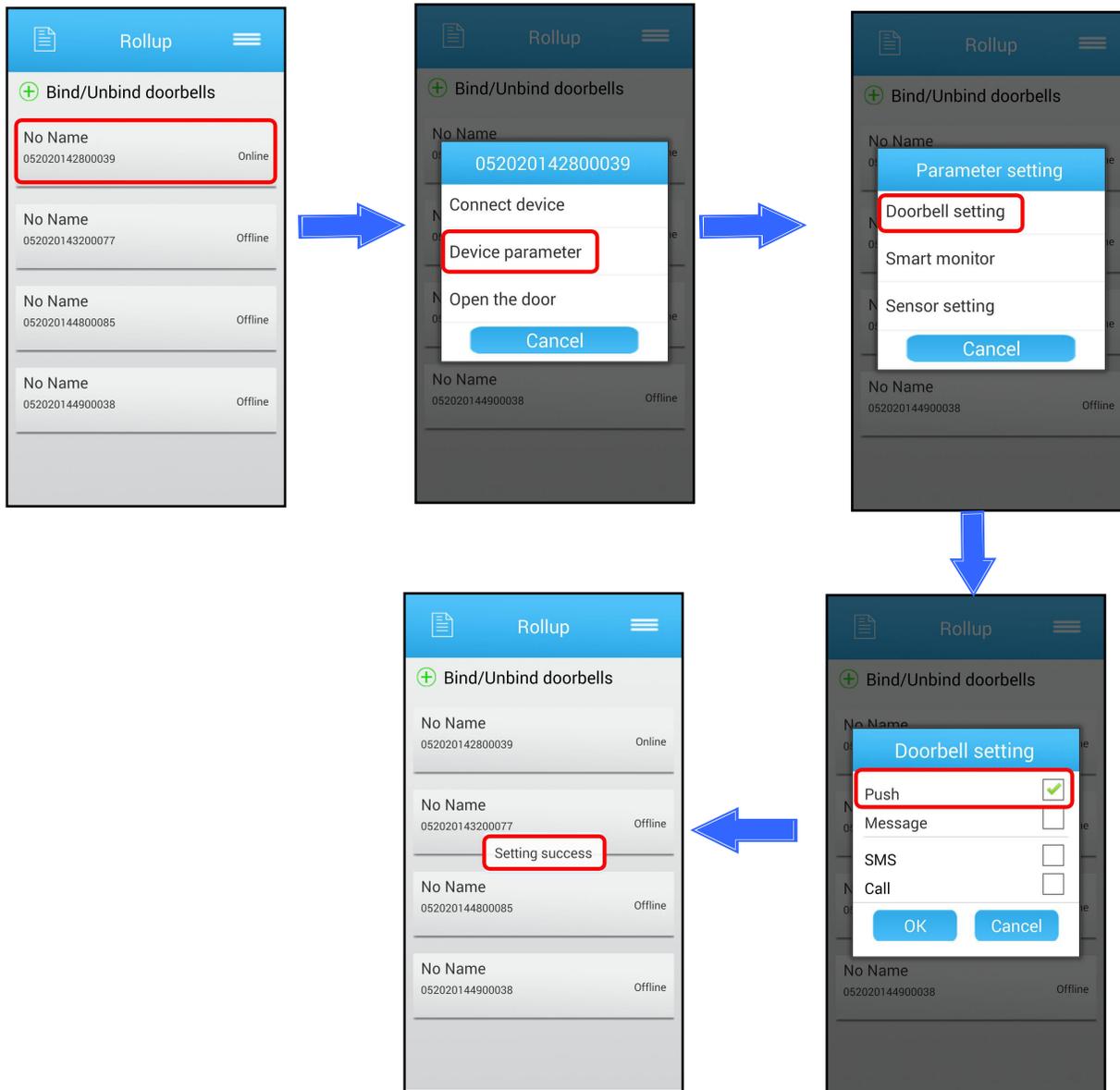
Parameter setting allows you to operate iHome4 device by remote on your smart phone for convenience purpose.

There are four remote settings available: Doorbell setting, Smart monitor and Sensor setting. We mainly explain Doorbell setting, Smart monitor and Sensor setting.

Smart monitor(as picture): you could make motion alarm works by choose Open, or close this function by close it on your smart phone.

Sensor setting: you could operate sensor setting to decide the work way of motion alarm. By Push, iHome4 device will send you motion alarm alerts when somebody stay front of your door without pressing the ring button. By Rings, the device also generate sound alarm ring ring ring for surveillance purpose while sending you motion alarm alerts.
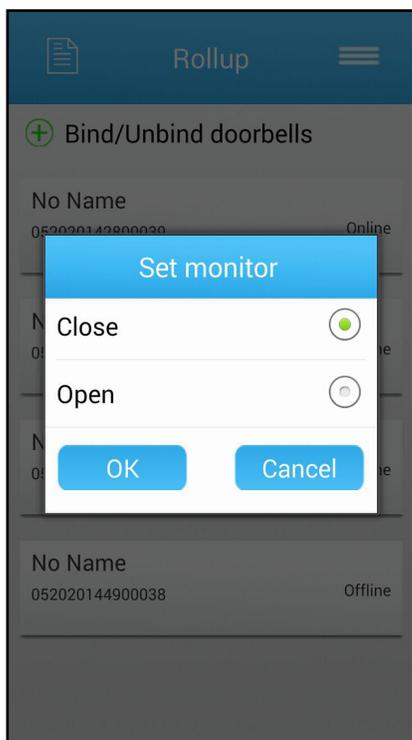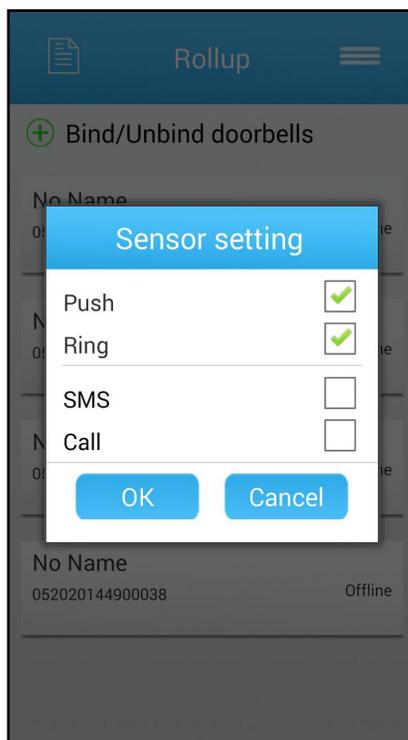
A(Smart monitor)   B(Sensor setting)

Part 4. Check new Rollup App version and set audio mode on App side

1) Check new Rollup App version

The Rollup App will be upgraded constantly, belows tell you how to check the new Rollup App version and upgrade it.

| Rollup page | Settings page | Check new version |
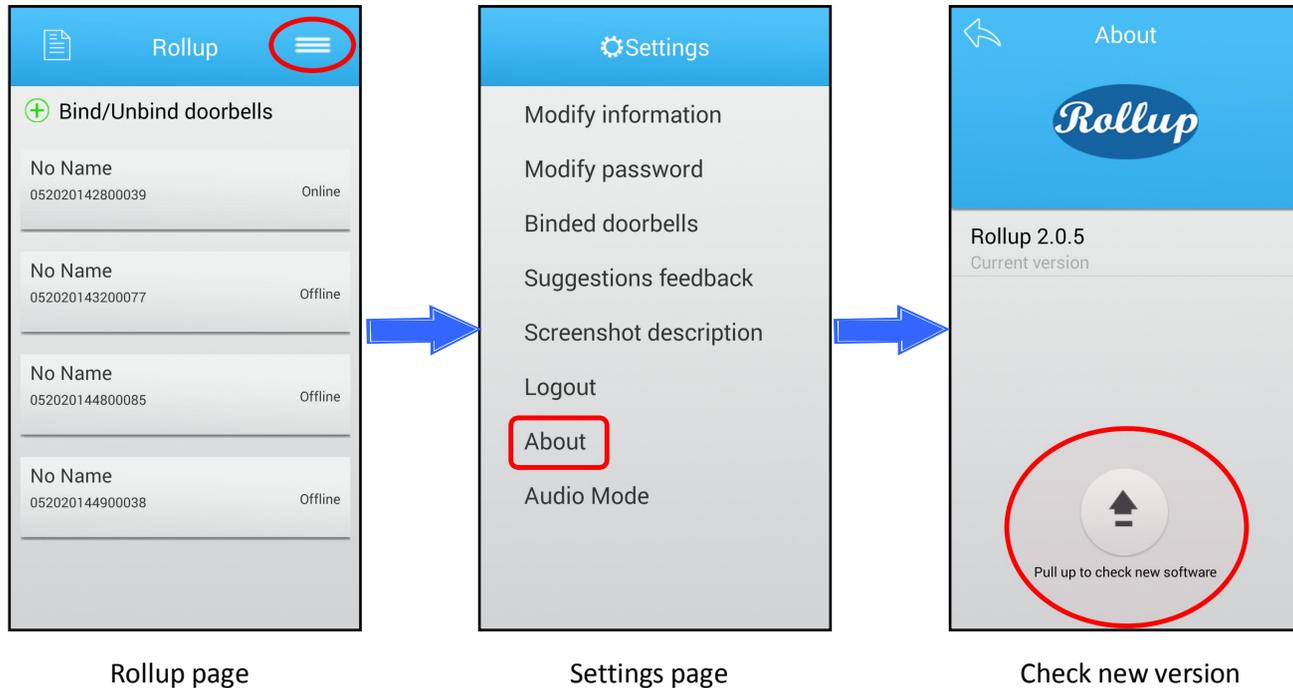
Rollup page: Click [icon] in this box, you will find its alerts history at different time up to 50pcs in total. Click [icon], it will show settings.

Settings page: Click [About] to check new app version.

Pull up to check new software: You will enter this page to check if there is new Rollup App version available, if it is available, just pull up to upgrade it.

2) Set Audio mode on App side

Sometimes you may ignore the alerts at a noisy place when somebody press the ring button, you could make the alerts voice special by set the Audio mode.

| Rollup page | Settings page | Audio mode setting |
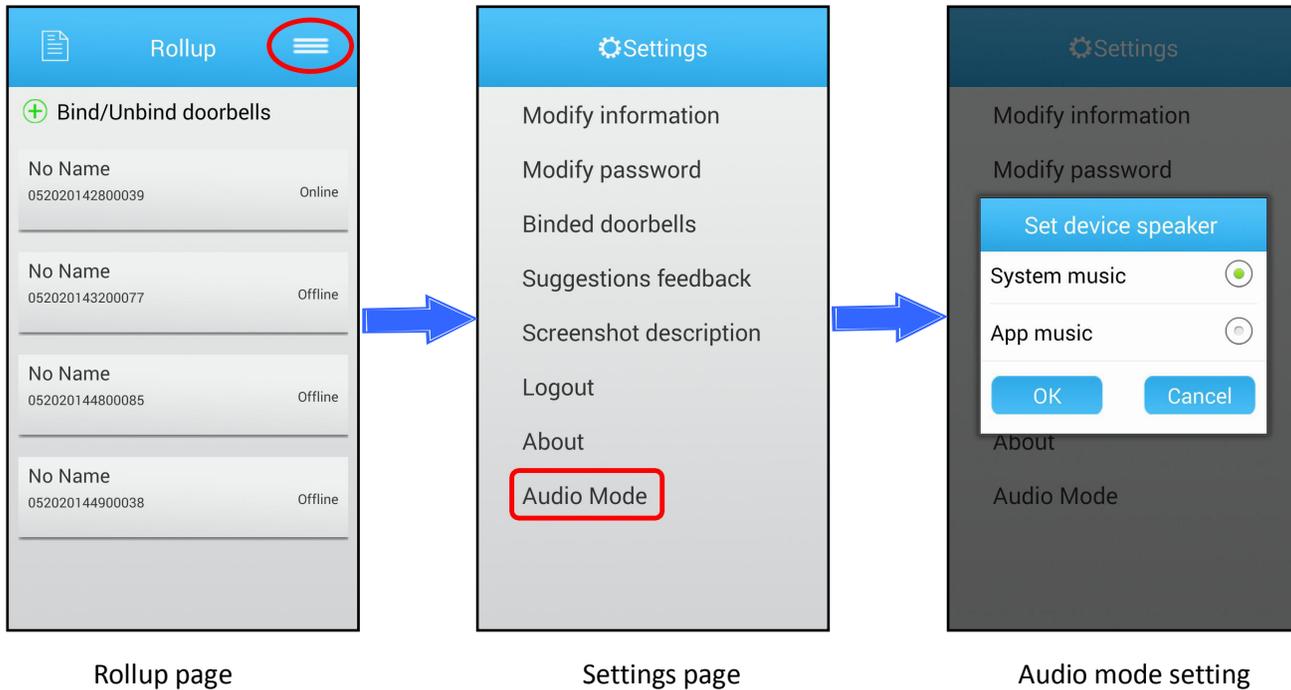
Rollup page: Click ≡ to enter settings page.

Settings page: Click Audio Mode to enter audio mode setting.

Audio mode setting: There are two modes System music and App music.
System music is the music by your smart phone when you receive the live video feed alerts.
App music is the music by iHome4 device when you receive the live video feed alerts.

You could set it and check the difference by pressing the ring button of iHome4 device.