

OPERATION INSTRUCTION

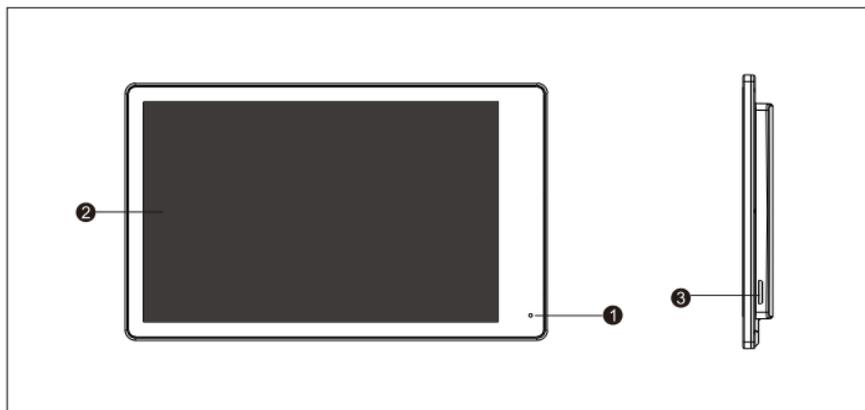
WMG-VISION

User Manual

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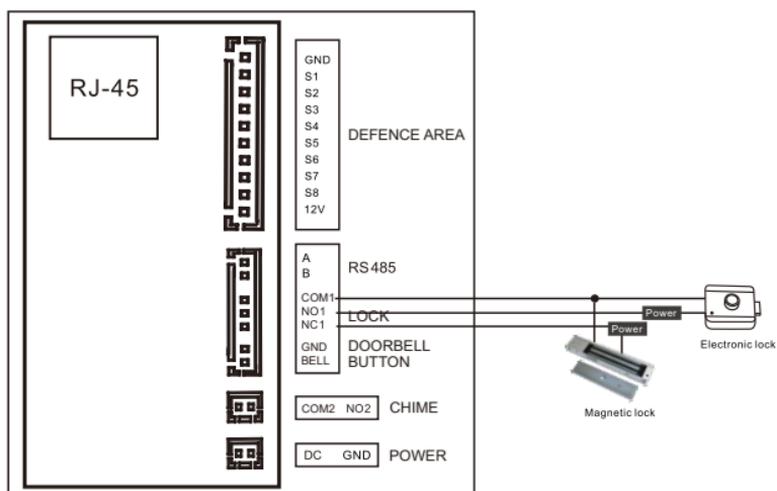
1. APPEARANCE INTRODUCTION



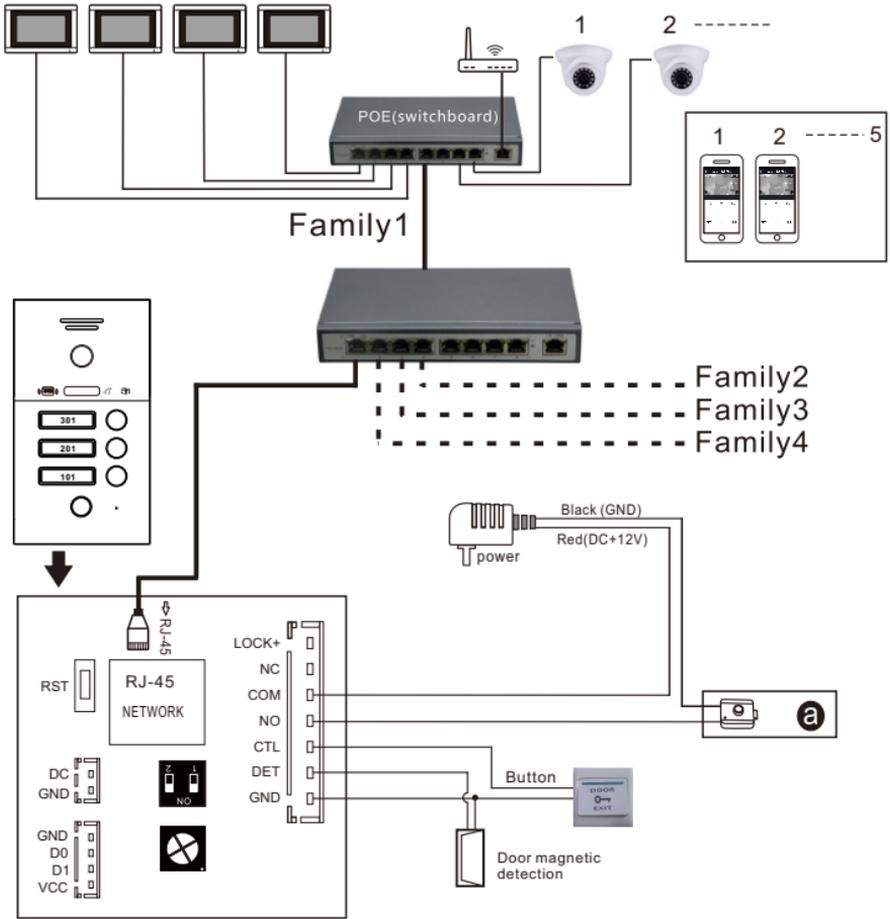
NO.	Description
1	Microphone
2	LCD Screen
3	SD card slot

2. WIRING DIAGRAM

Indoor Monitor Diagram

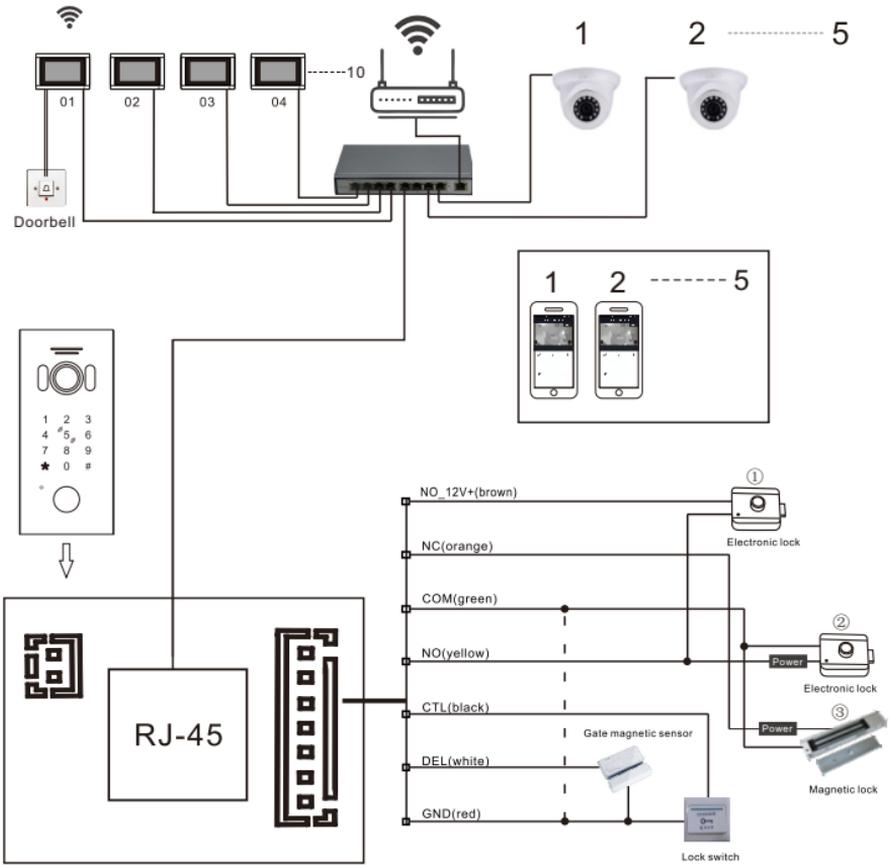


System Diagram With PoE



Electric Lock

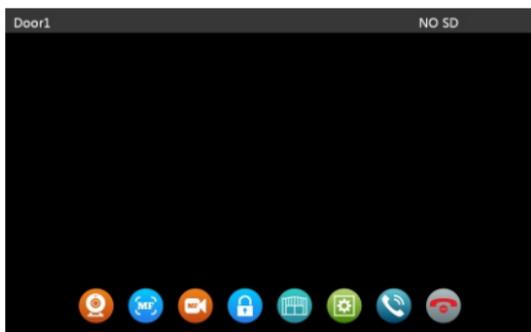
System Diagram With PoE



3. FUNCTION

3.1 MENU BUTTON INTRODUCTION

Press the “Call button” on outdoor station (or under monitoring mode), menu interface as below picture:



Name	Symbol	Description
Monitoring		Monitor the outdoor station and the camera.
Snapshot		Snapshot the the outdoor station and the camera's pictures.
Recording		Start/Stop making record of the outdoor station or the camera's image.
Door station unlock		Unlock the lock connecting with the ringing outdoor station.
Indoor monitor relay		Unlock the lock connecting with the indoor monitor.
Setting		1. Indoor monitor volume 2. Image Brightness 3. Image Contrast 4. Image Color.
Answer		1.Press to answer the calling and talk with visitor. 2.Press to talking to outdoor station while monitoring.
Hang up		Press to enter to the stand-by mode while talking and monitoring.

3.2 VISITOR CALL

Any mode

The visitor presses the Call button on Door Station 1



The visitor presses the call button on Door Station 2



▼ A 30s of continuous Ding Dong tone is heard inside and outside



NOTE:

If the call buttons of both Door Stations are pressed about the same time, preference would be given to the Door Station whose call button was pressed first. Please be aware there is no indication at the second Door Station. After the indoor monitor returns to Standby Mode, it can accept calls from the second Door Station.

The visitor's image automatically displayed on the screen



Press the Talk button on indoor monitor



▼ Stop ringing



NOTE:

The indoor monitor will automatically go into Standby Mode, if you are not at home, or have not answered the call within 60s.



Start conversation with Door Station



▼ The conversation duration is 120s at a time

Press the Unlock button on indoor monitor



Unlock the door of outdoor station

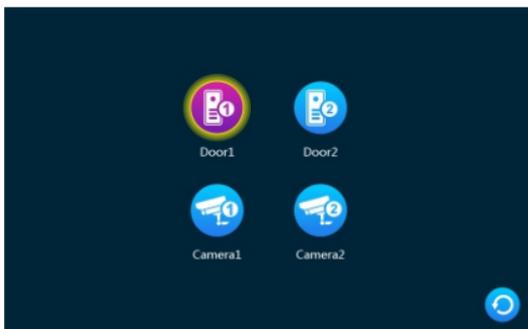
Press the hang up button on indoor monitor



End

3.3 MONITORING

Press monitoring button to enter monitoring interface and choose the channels among Door1/Camera1/Door2/Camera2, the live image of selected channel will show on the screen.



3.4 STANDBY MODE

3 types of Stand-by mode:

1. Clock mode.
2. Digital photo frame mode when turn on this function.
3. Black screen.



NOTE:

The CLOCK mode will turn to black screen after 60s without any operation on monitor screen.

3.4.1 Clock Mode

Clock mode interface including 2 parts:

- (1). Showing time and date/month/year.
- (2). 3 short-cut buttons: calling record/message record/alarm record.



- (1). The menu interface will be back to the clock mode automatically without any operation in 60s(excepting playing musics/ videos/ pictures).
- (2). Touch screen to light up the screen and to show the clock.
- (3). If any unread message, the message number will show on the short-cut calling record button/ message button/ alarm message button.
- (4). Under the standby-clock mode, press the short-cut buttons to check out the record.

3.4.2 Digital Photo Frame Mode



When turn on the Digital photo frame function, the pictures in the SD card will be displayed when enter to standby mode.

**NOTE:**

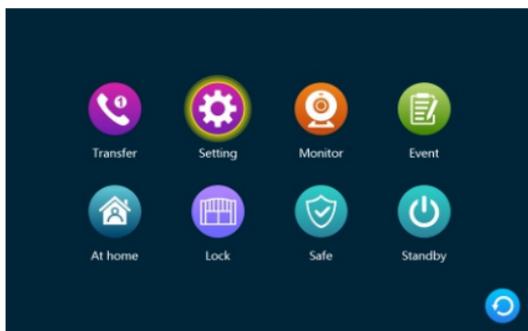
When insert the SD card in indoor monitor, a folder named of "DigitalFrame" will be created automatically, and the digital photo frame pictures need to be copied to this folder, then those pictures will be displayed on screen.

3.5 MAIN INTERFACE

Click screen to enter the main interface on the state of stand-by mode.

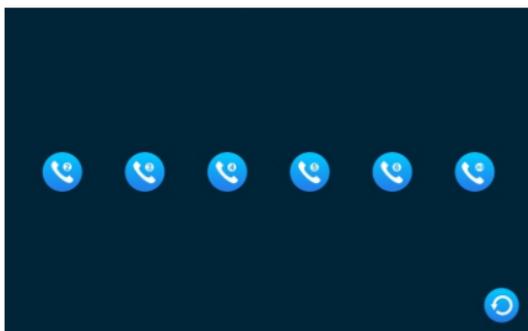
The main interface including buttons of transfer, setting, monitoring, events, stand-by mode, indoor unlock, arming, stand-by.

Press the exit button or standby button to exit this interface and enter standby mode.

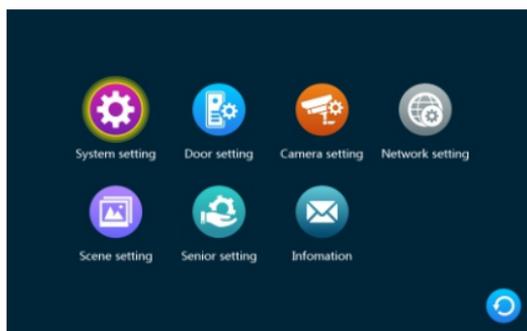


3.5.1 Transfer

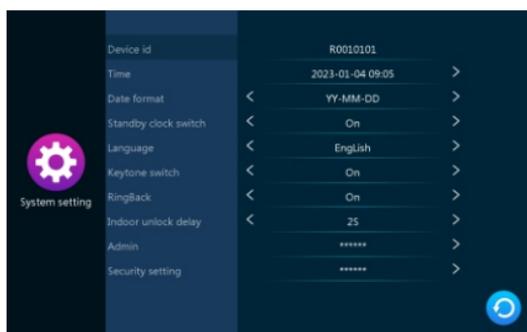
There are 6 buttons on this interface, the first 5 buttons are the other indoor monitors in this system, press any of this button to call up that monitor for 2 ways talk. The All button is to call up all the other monitors in this system, and can answer this calling at one of these indoor monitors.



3.5.2 Setting



3.5.2.1 System Setting



【Device ID】 Monitor number means the room number for this monitor.

If the outdoor station is villa type, then number set up as 0010101.

If the outdoor station is the High level type(1-4 buttons), the monitor number set up as below:

High level-1 button: 0000201

High level-2 buttons(from bottom to top): 0000201/0000301

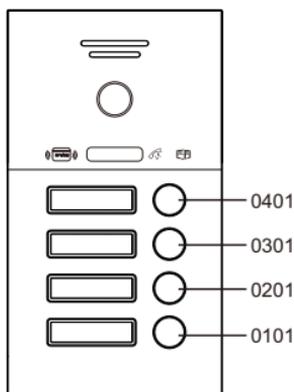
High level-3 buttons(from bottom to top): 0000101/0000201/0000301

High level-4 buttons(from bottom to top): 0000101/0000201/0000301/0000401

If there are more than 1 indoor monitor screen in same apartment, then the extra monitor screen's Monitor Number can be setup according to the monitor number of first indoor monitor and just changing the last figure.

For example, the master indoor monitor number is 0000201, then the monitor number for extra monitors can be setup as 0000202/0000203 till 0000206.

(Note: normally, one apartment(family) support install max 6pcs indoor monitor).



【Time】 24-hour clock.

【Date format】 Including YY-MM-DD/MM-DD-YY/DD-MM-YY three formats.

【Standby clock switch】 To turn on or off the clock display during stand-by mode. If turn it off , the screen will be off after entering standby mode.

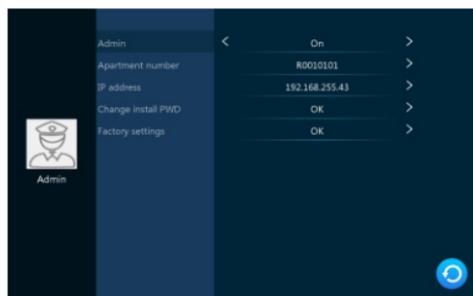
【Language】 Include many different languages to select the one needed.

【Keytone switch】 To turn on or turn off the keytone.

【Ringback】 Turn on/off the ring of outdoor station when someone ringing the bell.

【Indoor unlock delay】 To setup the unlock duration time, default duration time is 2s, available range is 1s to 10s.

Administrator Setting



Administrator Default Password: 111111.

【Admin】 Default status is on. When it is off, then can enter this menu without administrator password.

【Apartment number】 To set available room number, and the default room number is 0010101.

【IP Address】 Supports dynamic IP address getting automatically from the router, also support static IP and setup manually.

【Change Install PWD】 To change the log in password (administrator password).

【Factory Settings】 Press to confirm or cancel to reset to factory setting .

Security Setting



Area	Type	IsValid	Level
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High
Kitchen	Smoke	Invalid	High

There are 8 security areas, 7 security area positions and types for setting, click “Save” after finishing setting.

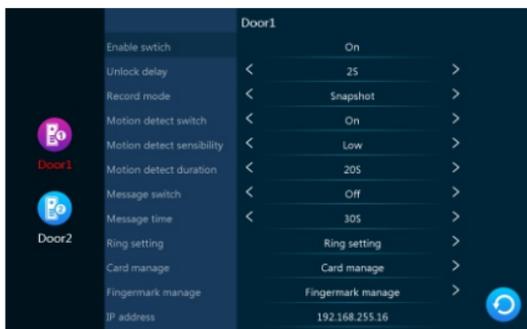
【Area】 Kitchen, Bedroom, Hall, Window, Front Gate. Balcony, Guest Room.

【Types】 Emergency, Smoke Sensor, Gas Sensor, Door Magnet, IR, Window Magnet, Glass.

【IsValid】 Each security area zone can be turn on/off individually.

【Level】 Each security zone can select the alarming signal as NO or NC individually.

3.5.2.2 Outdoor Station Setting



Setting parameters of Door1 and Door2.

【Enable Switch】 Under ON status means this channel is open, off mean this channel is closed, even connecting a outdoor station, the outdoor station is not able to work. And the door 1 status is fixed as on.

【Unlock Delay】 The range is 1s-10s, Default is 2s.

【Record Mode】 Supports making video recording and snapshot recording.

It includes video and snapshot mode. Video means the indoor station will start taking video while visitor press calling icon on the outdoor station, and the video will be stop after hanging up or finishing talking.

【Motion Detect Switch】 To turn on/off motion detection.

【Motion Detect Sensibility】 When to make a record when someone or something is moving around the outdoor station (within detected area).

Low: Not sensitive and need very obvious moving, then it will be triggered .

Medium: sensitive and normal moving can trigger the monitor detection.

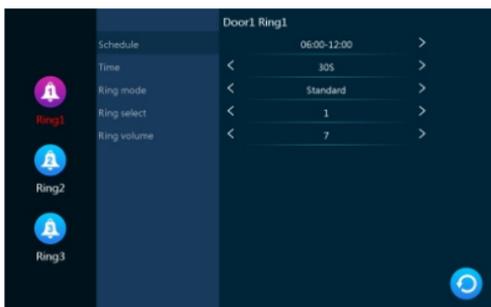
High: Very sensitive and slight moving can trigger the motion detection.

【Motion Detect Duration】 To setup the motion detection record time, range is 10-300s, default time is 20s.

【Message Switch】 Turn it on, when no one answering the calling, there is notification to remind the visitor to leave a message, and system will make record of this; turn it off, then there is no leaving message function.

【Message Time】 The message length the visitor can leave. Available value is 30s/ 60s/ 120s, default value is 30s.

Ringtone Setting



【Schedule】 The ringtone for each outdoor station can be setup individually, and can setup different ring of different volume for several schedule in one day.

Ring1's default schedule is 6:00-12:00, Ring2's default schedule is 12:00-18:00, Ring3's default schedule is 18:00-6:00, Schedule could be changed by ourselves.

【Time】 To setup the ringing time when someone ring the bell, the range is 5s-45s, default time is 30s.

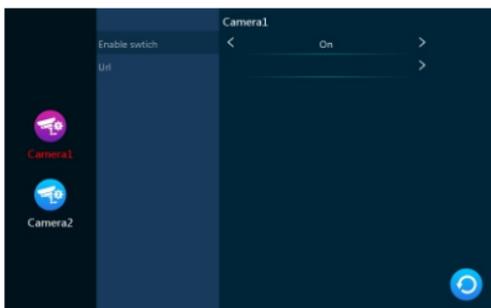
【Ring Mode】 Includes standard and customized.

Standard means using default ringtone as calling ringtone; Customized means using ringtone in SD card as calling ringtone (the customized ringtone files need to copy into the folder of "Ring" in SD card, this folder can be created manually on PC, or insert SD card in indoor monitor to create automatically).

【Ring Select】 On standard mode, there are 12 ringtones available, the default ringtone is the first ringtone. On customized mode, to choose ringtone from SD card.

【Ring Volume】 To setup indoor station ringtone, volume's range is 1-10. Default volume is 7.

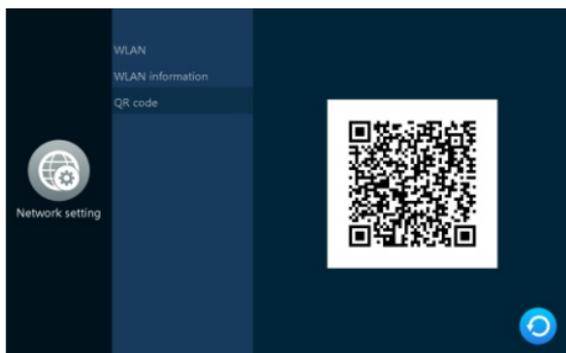
3.5.2.3 Camera Setting



To setup parameters for Camera1 and Camera2.

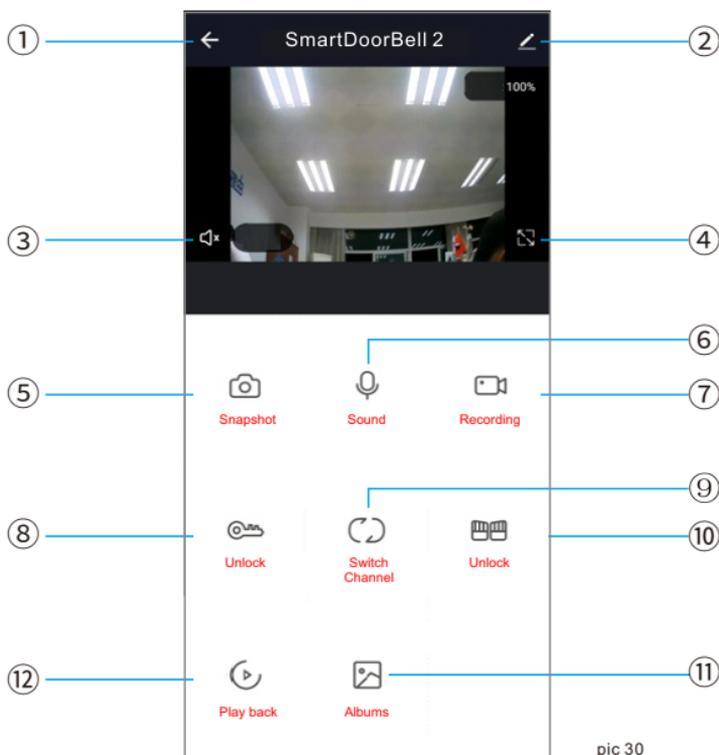
【Enable Switch】 ON means cameras are use normally; Off means cameras are not able to be used.

3.5.2.4 Internet Setting



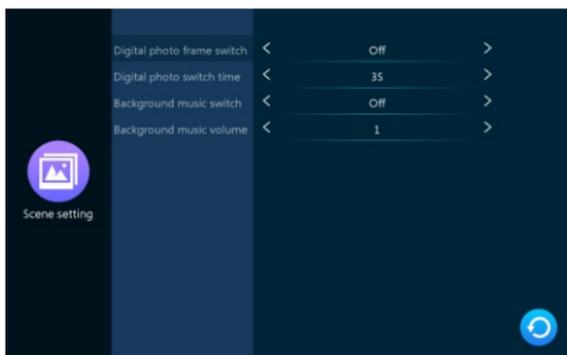
Turn on Tuyasmart/ Smartlife app on your phone after the indoor monitor connecting to internet. Click “+” on the right upper corner on App or “Add Device”, then click “scan QR code” on the right upper corner, enter to the menu-network setting-QR code and user mobile phone scan the code, this device will show up on App after paring successfully.

Tuyasmart/ Smartlife App Introduction:



- ① **Exit(Hang up) button** : Exit this page while talking or monitoring.
- ② **Setting:**
 - 1). Check device information and modify device's name.
 - 2). Compatible third party App.
 - 3). Basic setting: to flip the screen, open or close the time watermark.
 - a. Basic Function Setting
Turn on/off the state indicator light, rotate the image, turn on/off time footprint.
 - b. Turn on/off IR night view function.
 - 4). Storage setting: Setting motion detection alarm sensitivity.
 - a. SD card storage capacity which inserted in indoor monitor.
 - b. Storage Setting: Turn on/off video record, choose record mode, time of making record.
 - c. Format indoor monitor's SD card.
 - 5). Turn on/off offline notification.
 - 6). Sharing device: share device to other phones.
 - FAQ
 - Check hardware info.
- ③ **Speaker:** Press to open it to hear the voice from outdoor station ;turn it off, not able to hear the voice from outdoor station.
- ④ **Full screen:** Click to show the image in full size.
- ⑤ **Snapshot:** Click to capture the image while talking and monitoring.
- ⑥ **Microphone:** Click to talk to the outdoor station through mobile phones while talking and monitoring.
- ⑦ **Video record:** Click to video the image while talking and monitoring.
- ⑧ **Outdoor station unlock:** Unlock the lock connecting with outdoor station while talking and monitoring.
- ⑨ **Switch the channel:** Click to switch channels while talking and monitoring, and the name of each channel can be modified.
- ⑩ **Indoor monitor unlock:** Click to unlock the lock connecting with indoor monitor while talking and monitoring.
- ⑪ **Album:** Check pictures or videos made while talking and monitoring. (this function is only available on Android mobile, IOS's mobile need to check in the phone album).
- ⑫ **Playback:** Only indoor station have SD card inside and mobile app's video is turned on, then can see the videos made each time during talking and monitoring.

3.5.2.5 Scene Setting



【Digital Photo Frame Switch】 It means whether to turn on digital photo frame on the state of stand-by. The indoor monitor will play SD card's pictures while under the stand-by state.(Only the file name "DigitalFrame" have pictures, could play pictures on the screen).

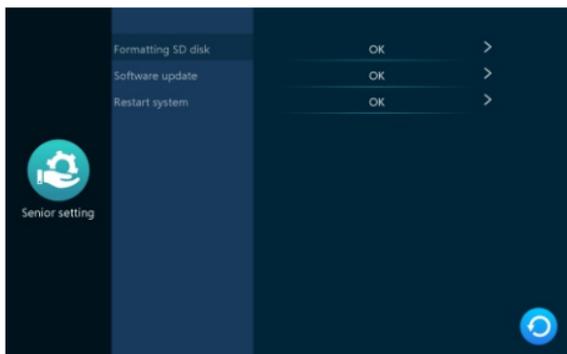
【Digital Photo Switch Time】 Time to change pictures when indoor station play pictures under state of digital photo frame.

【Background Music Switch】 Only turn on this button and insert SD in indoor monitor, then background music can be played.

(Note: The MP3 files need to be copied to the folder-"BgMusic" in SD card, then background music can be on after entering standby mode.)

【Background Music Volume】 Volume range is 1-10.

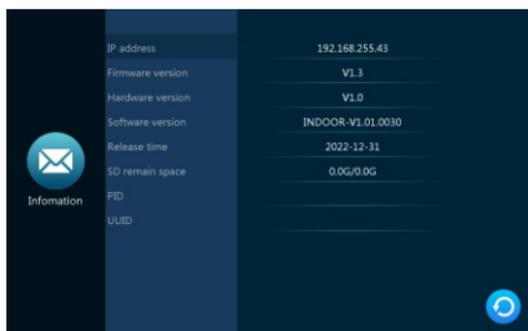
3.5.2.6 Senior Setting



【Formatting SD Disk】 It will notification whether to format SD card or not, click "confirm" - "formatting" - "format successfully". If there is no SD card inside indoor station, it will show up "no SD card inserted".

【Softeware Upgrade】 Click "confirm" to enter upgrade interface, while the SD card has the upgrading software, It will show the process percentage.

3.5.2.7 System Information



【IP Address】 The IP address of the indoor monitor connecting to the internet.

【Firmware Version】 Current MCU number.

【Hardware Version】 Current Hardware number.

【Software Version】 Current Software number.

【Release Time】 Indoor station's software's release time.

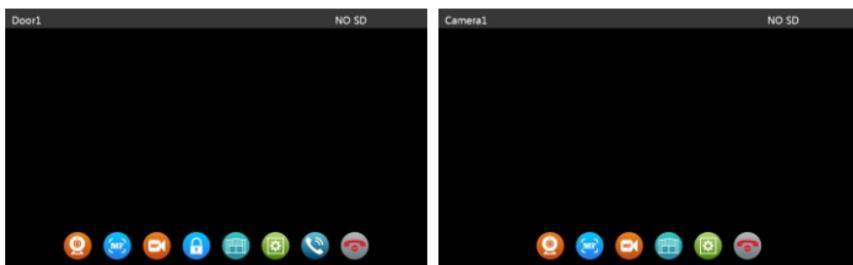
【SD Remain Space】 The SD card's free space and total capacity.

【PID】 Indoor station's PID.

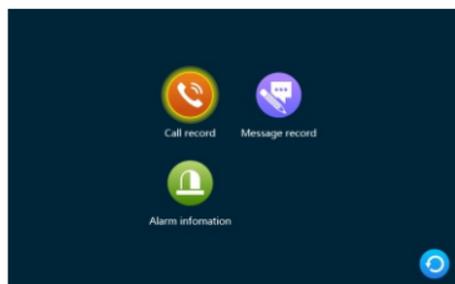
【UUID】 Showing the uuid of this monitor.

3.6 Monitoring Interface

Monitor Door1, Camera1, Door2, Camera2, choose one of these channels to monitor.



3.7 Event



This interface could check calling record, message record, alarm record, and could check record's device, type, time, read or unread.

【Call Record】 Save the missed call, received call. Includes device type, message date and read or unread. Click to check the message, could delete single message or all by ticking.

- 1). Capture pictures or take video automatically while calling any outdoor station.
- 2). Capture pictures or take video manually while calling or talking any outdoor station.

【Message Record】 Visitors leave a message while no answer from outdoor station. Includes device type, message date and read or unread. Click to check the message, could delete single message or all by ticking.

【Alarm Information】 Includes alarm position, type and time, could delete single message or all by ticking.

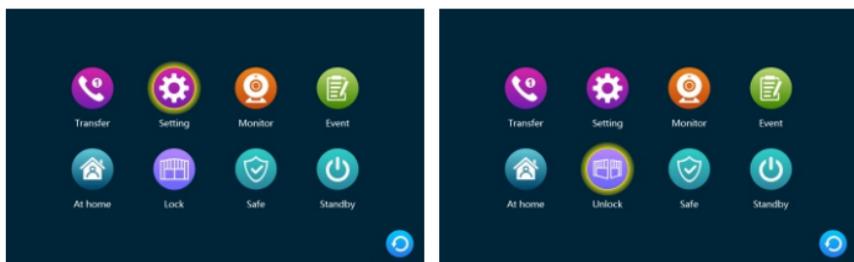
3.8 At home/ Not at home/ Dormant



1. At home: Normal working mode.
2. Not at home: Visitors' calling will switch to message leaving mode directly.
3. Dormant: Calling without ringtones on the state of normal working mode.

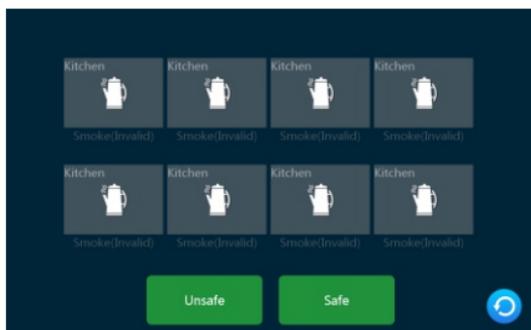
3.9 Lock /Unlock

Unlock Indoor



3.10 Alarming

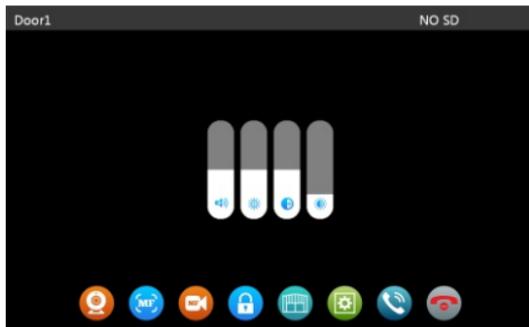
Could turn on the arming function of the whole 8 security areas at the same time.(About security area settings, please set on the system security interface).



3.11 Screen Parameter Setting

After calling indoor station, choose the parameter on the indoor station to set:

- (1). Volume of indoor station
- (2). Brightness
- (3). Contrast
- (4). Color



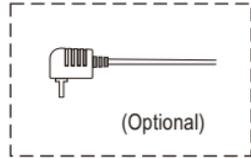
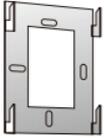
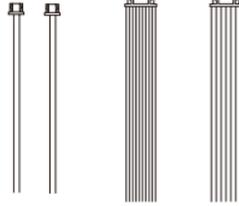
i **NOTE:**

We could adjust indoor station's volume while monitoring, calling and talking.

4. TECHNICAL PARAMETERS

LCD Screen	8" IPS screen
Resolution	1280*800
Specification	40 PIN MIPI Connector
Intercom Mode	Duplex intercom
Power	Standby mode < 2W, Working mode<5W
Power supply	DC15V, 2A
Operating Temp	-20℃~+50℃
Installation	Surface mount
SD Capacity	Maximum128G
Video Input Signal	Compatible with CVBS, AHD, FHD
Motion Detection	Support 82225_X5 have this function currently
System	Digital intercom IP system, use ARM CortexTM-A7 as intercome chipset
Functions	Internaltransfer/ unlock/ monitoring/ event record/ security/ TUYA
Advantages	Digital Photo Frame/MP3/Clock and Voice Message/Background Music / Message prompt tone custom

5. ACCESSORIES



Indoor Monitor

- Indoor Monitor ----- 1pcs
- Plastic Anchor ----- 4pcs
- Screws ----- 4pcs
- Bracket ----- 1pcs
- 10 Pin wire ----- 1pcs
- 7 Pin wire ----- 1pcs
- 2 Pin wire ----- 2pcs
- Operating Anual ----- 1pcs
- External Power Supply (optional) ----- 1pcs

* If indoor monitor has a built-in power supply, there is no external power supply in the picture above.

