

USER MANUAL

M7

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1. General information

1.1 Warnings and recommendations

It is important to read this manual carefully before proceeding with the installation.

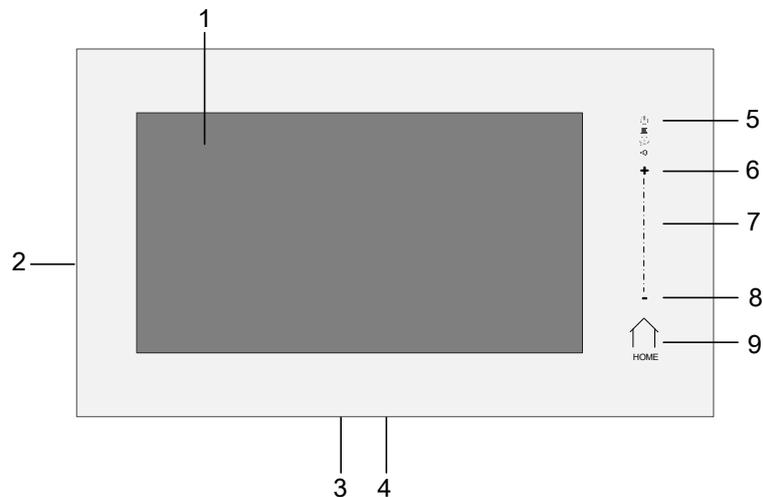
The guarantee automatically expires for negligence, misuse, tampering by unauthorized personnel.

The Video internal unit must only be installed indoors; it must not be exposed to water drops or splashes.

1.2 Function and Feature

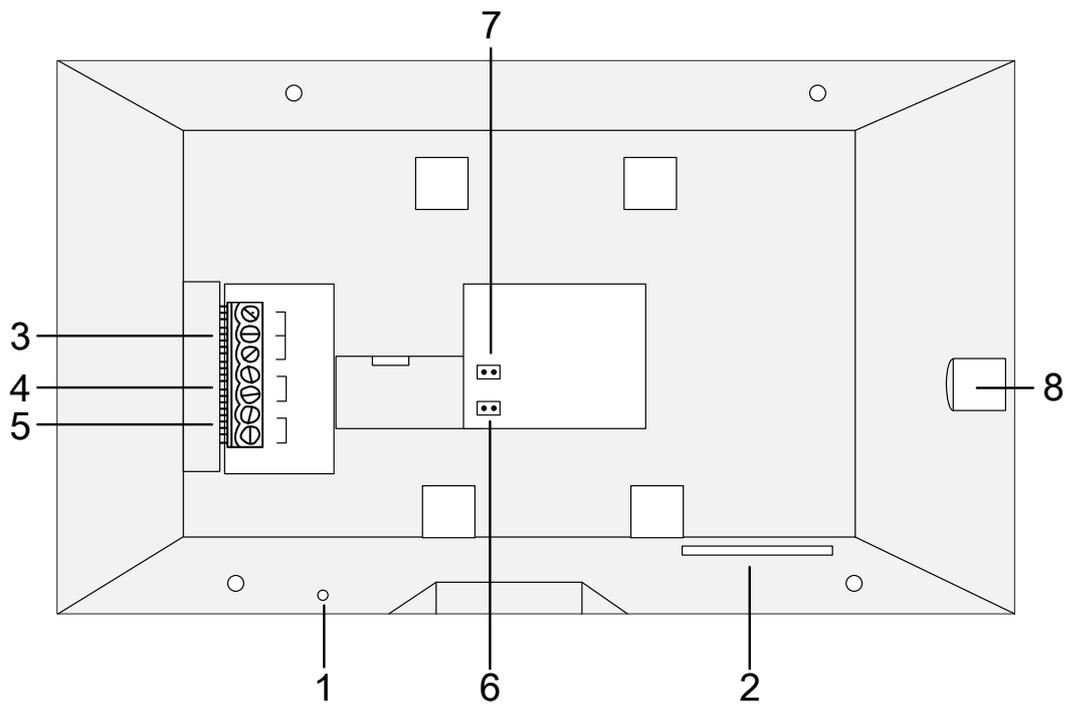
- 7" capacitive touch screen monitor
- Based on Android system
- IP over 2-wire non-polarity
- 1024(RGB)x600 pix resolution
- Picture in Picture function
- Indicator: Power, mute, message, WIFI
- Picture and video save
- Support the secondary door bell and ringer extension
- Support WIFI for cloud intercom
- Flexible power way: support remote and local power

1.3 Front view



1. 7" touch screen display (16: 9)
2. SD card slot
3. 24v DC input
4. Reset button
5. Indicate lights for power, mute, message, WIFI
6. Increase the volume
7. Volume indicate lights
8. Reduce the volume

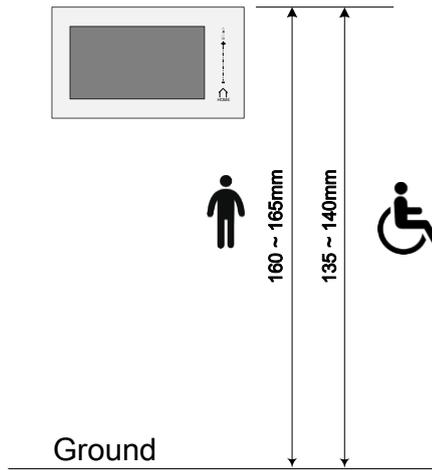
1.4 Rear view



1. Mic
2. Loudspeaker
3. Interface for 2nd door bell and extension ring
4. Interface for additional power supply, non-polarity
5. Interface for 2-wire IP interface, non-polarity
6. Configurator J1: remove for additional power supply
7. Configurator J2: Master/Slave, remove for Slave
8. SD card slot

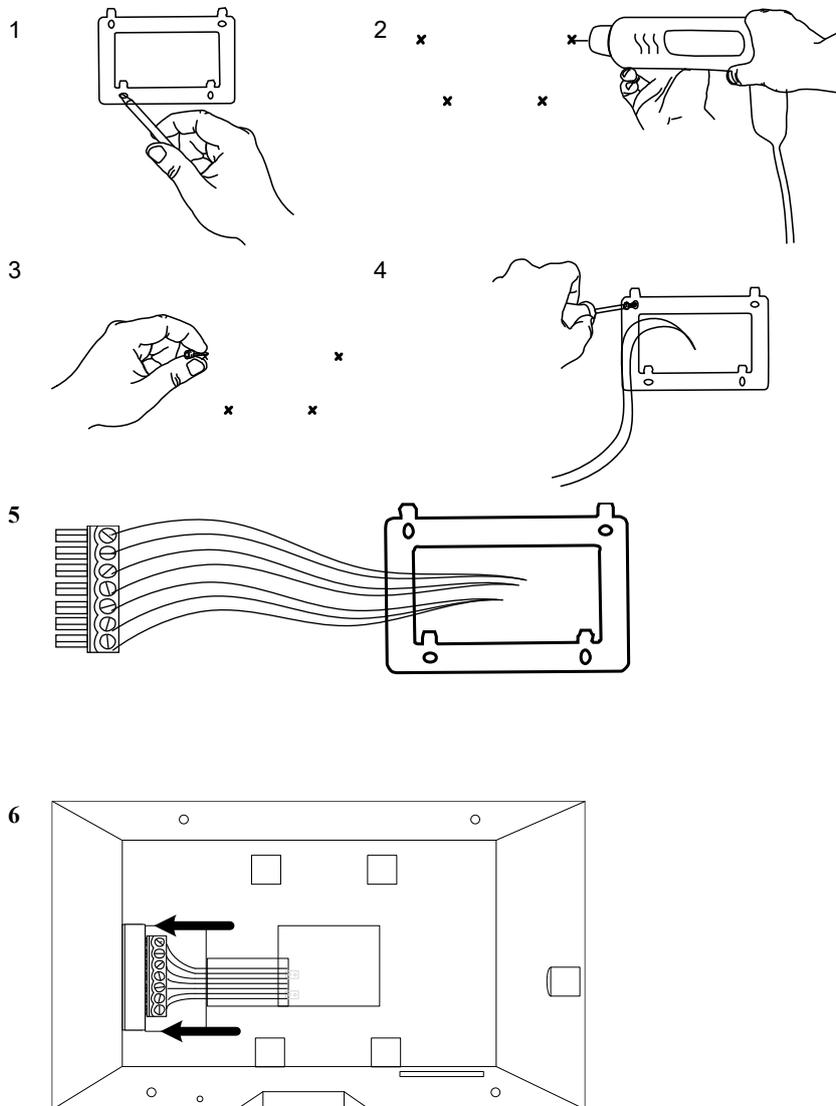
1.5 Dimensional data and installation heights

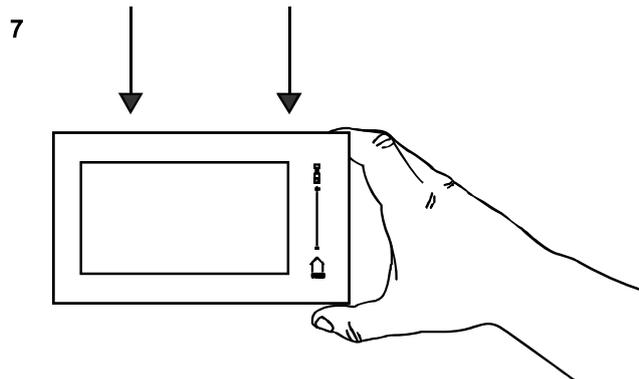




Recommended height, unless otherwise required by the law

1.6 Wall-mounted installation

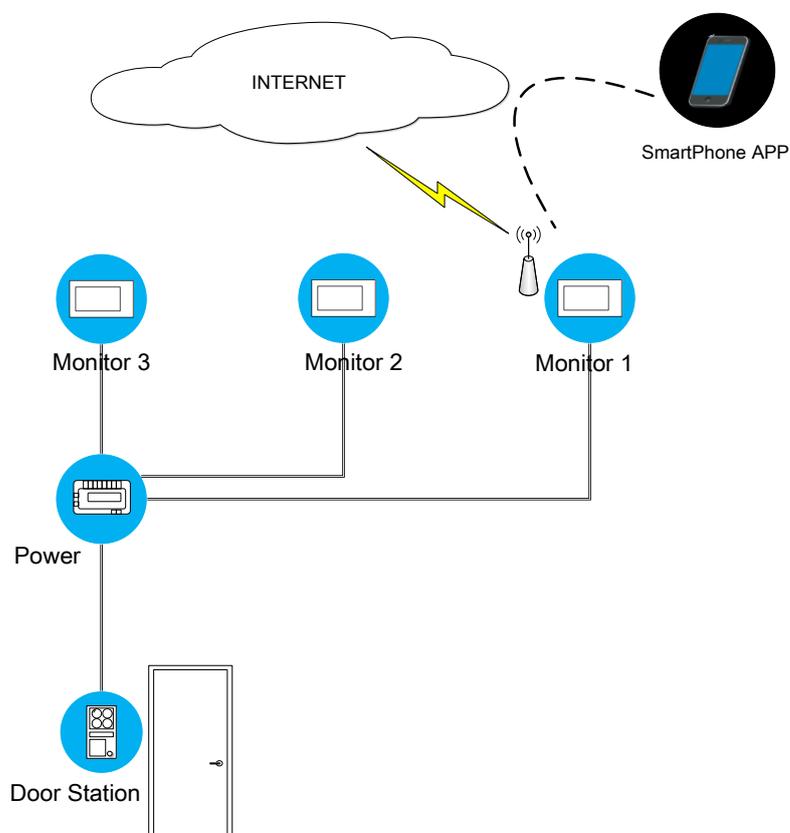




- 1 - Mark the location of the bracket holes
- 2 - Drill
- 3 - Install expandable screw
- 4 - Fix the wall bracket
- 5 - Connect the wires with the interface according to the wiring diagrams.
- 6 - Insert the connector into the monitor, using index finger, middle finger, ring finger and little finger is easy to insert
- 7 - Put the monitor on its wall bracket

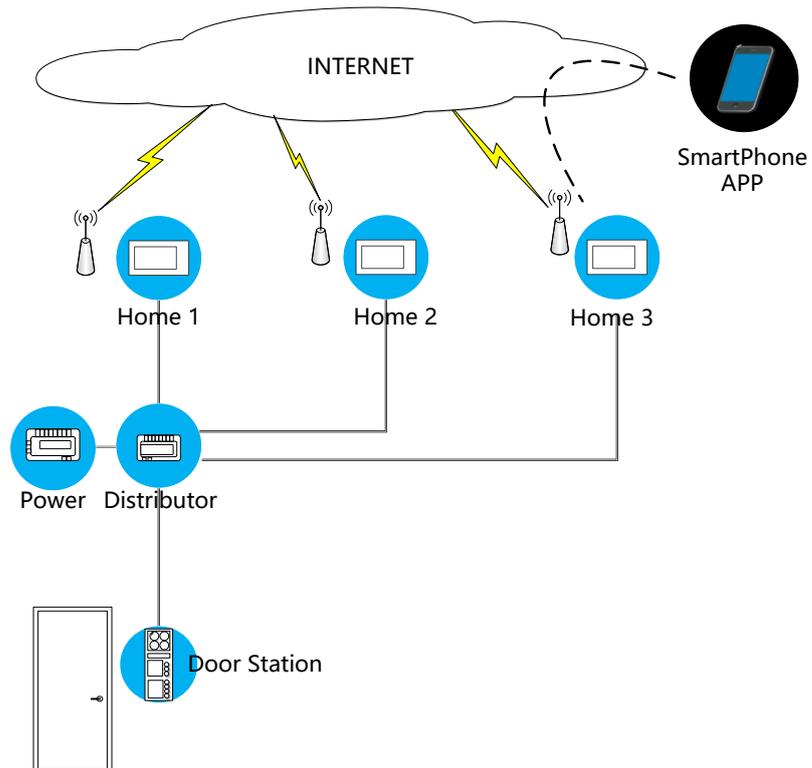
2. System Application

2.1 Villa or single-family context



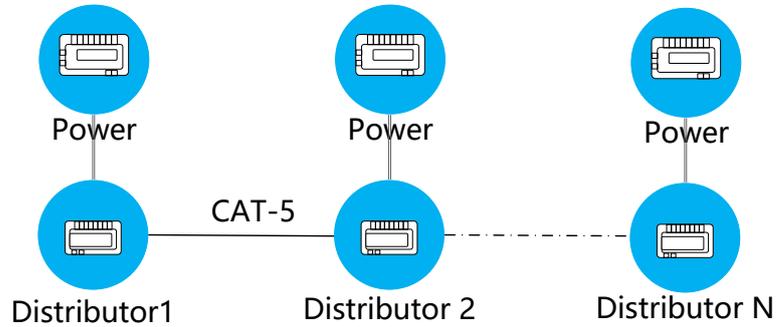
In villa(single-family) systems all of the unit can be connected with the power.

2.2 Apartment block or multi-family context



In multi-family systems (apartment blocks), you need the distributor to connect all of the monitor and door station.

The distributor can be connected with each other via CAT-5 cable.

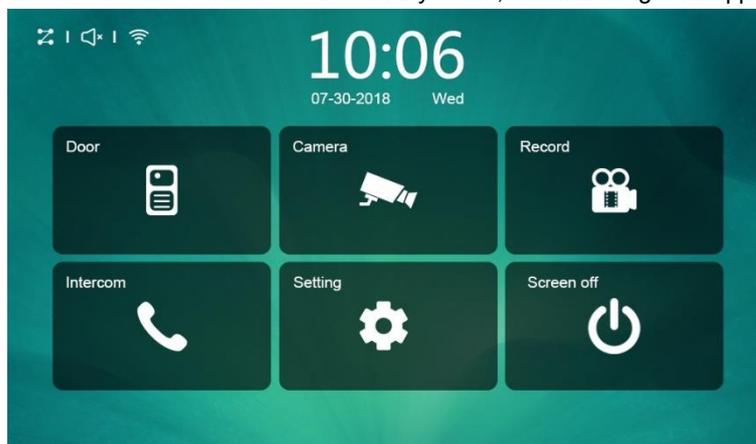


3. Operation Description

3.1 Main Page

The Main Page is your starting point for using all the applications on your monitor.

Touch anywhere of the screen on monitor in standby mode, the Main Page will appear as follows:



Icon description:

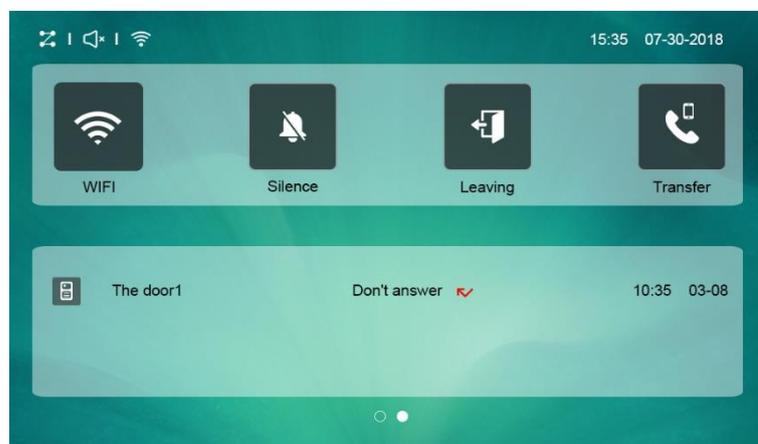
	System status icons: from left to right - Connection - Mute - Wi-Fi
Door	Connection to the outdoor panel to show image
Camera	Connection to the IP camera
Record	Pictures and video review
Intercom	Call to other monitors in the house (if any).
Setting	Enter setting menu
Screen off	Shut the screen

. The screen will automatically switch off after 30" if no activity is done.

. Sliding the main page to the left will show shortcut page.

. Sliding the main page to the right will show adjusting brightness and volume page

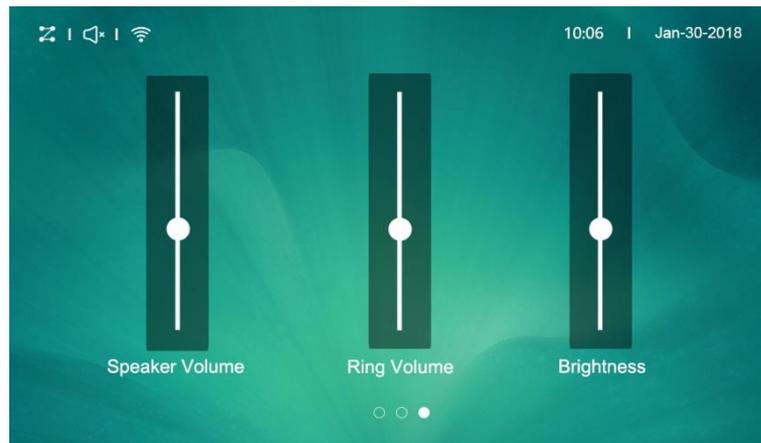
3.2 Shortcut page



Icon description:

WIFI	Deactivate / activate WIFI (master monitor only)
Silence	Activate / deactivate do not disturb mode
Leaving	Deactivate / activate leaving mode, when leaving mode is active, the silence and transfer function will be on
Transfer	Deactivate / activate call transfer function when transfer function is activate, the call from door panel will be transfer to APP.

3.3 Adjusting page



Icon description:

Speaker Volume	Adjust the volume from door station
Ring Volume	Adjust the ring/video volume
Brightness	Adjust the screen brightness

3.4 BASIC OPERATIONS

Enter Door List



Then the monitor page will be shown as follows:

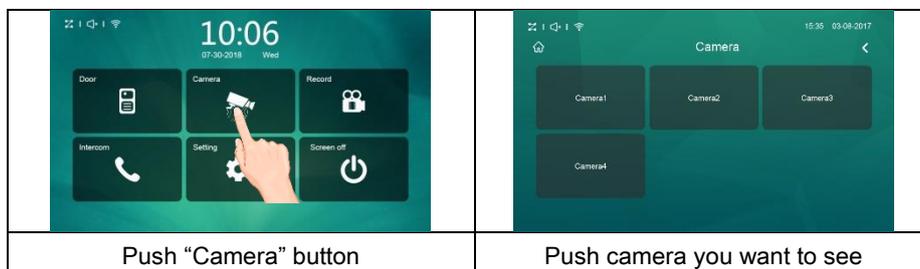


Icon description:

1. The additional IP camera window
2. Button for adjusting video quality
3. Take picture
4. Take video
5. Open the first door
6. Open the second door
7. Start to talk with visitor
8. Return home page

Note: The name of door panels can be set by user, Door1, Door2, Door3 and Door4 in default. The instruction to set name can be found from 'Setting-Door' in the Setting.

Enter Camera List



Then the monitor page will be shown as follows:



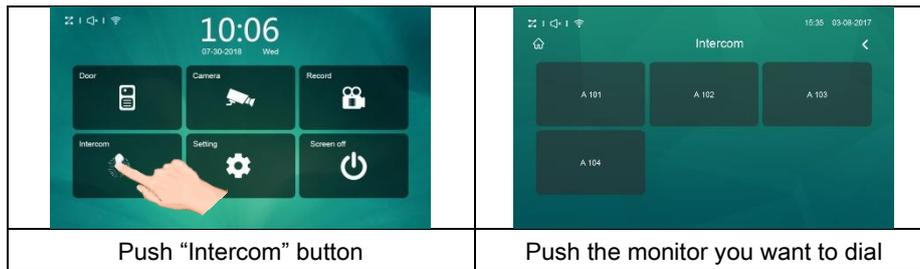
Icon description:

1. Button for adjusting video quality
2. Take picture
3. Return home page

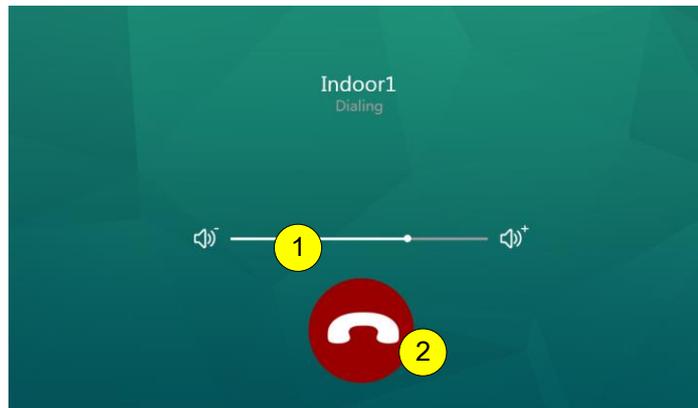
Note: The name of camera can be set by user, Camera1, Camera2, Camera3 and Camera4 in default.

The instruction to set name can be found from 'Setting-Camera' in the Setting.

Enter Intercom List



Then the dialing page will be shown as follows:



Icon description:

1. Adjust volume
2. Cancel the call

The called page is as follows:



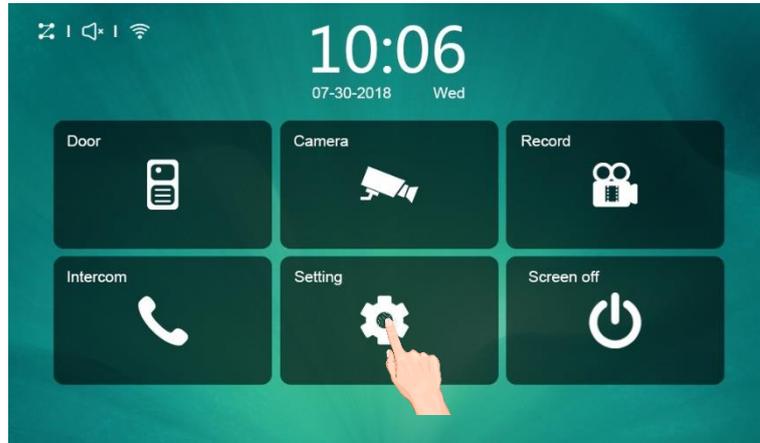
Icon description:

1. Adjusting volume
2. Answer the call

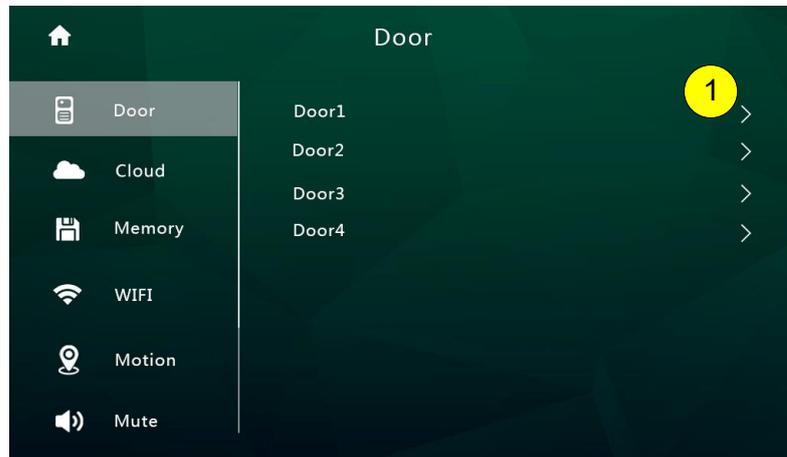
3. Hung up

3.5 SETUP INSTRUCTIONS

All settings should enter the setting page by touching the icon 'Setting' from main page:



Setting-Door Panel



From door list page above, choose the door you want to set, it will show the following page:



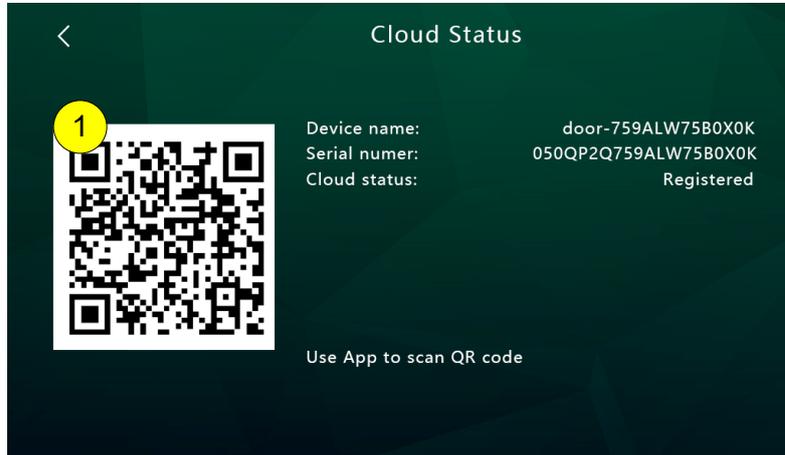
Icon description:

1. Set door panel name
2. Set auto record mode. (None, Photo, Video)
3. Set door panel ring tone
4. Set door lock open time. (1s,2s,3s,4s,5s,6s,7s,8s,9s)

5. Select IP camera for picture in picture function. To activate this function, please add IP camera first. See "Setting-Camera"
6. Turn on/off fish eye lens

Cloud intercom

Press cloud menu, the following page will be shown:



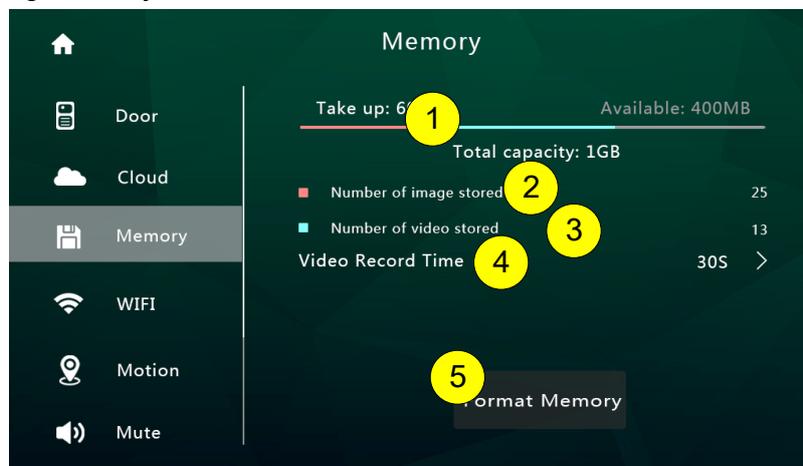
Use App to scan the QR code, and add it to device list.

The App link for smartphone:



Note: Users should turn on [Leaving] mode or [Transfer] mode to enable cloud intercom function

Setting-Memory



Parameter description:

1. The usage of the memory

- a) Red means the volume of images stored
 - b) Green means the volume of videos stored
 - c) Grey means the available volume
2. The number of pictures record
 3. The number of videos record
 4. The video time when take video
 5. Format Memory

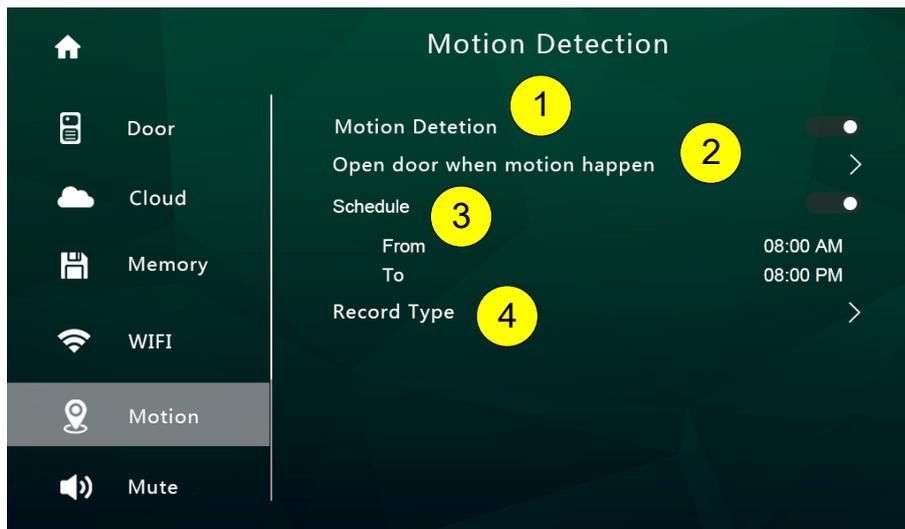
Setting-WIFI



Parameter description:

1. WIFI switcher
2. Select a WIFI network to join

Setting-Motion Detection

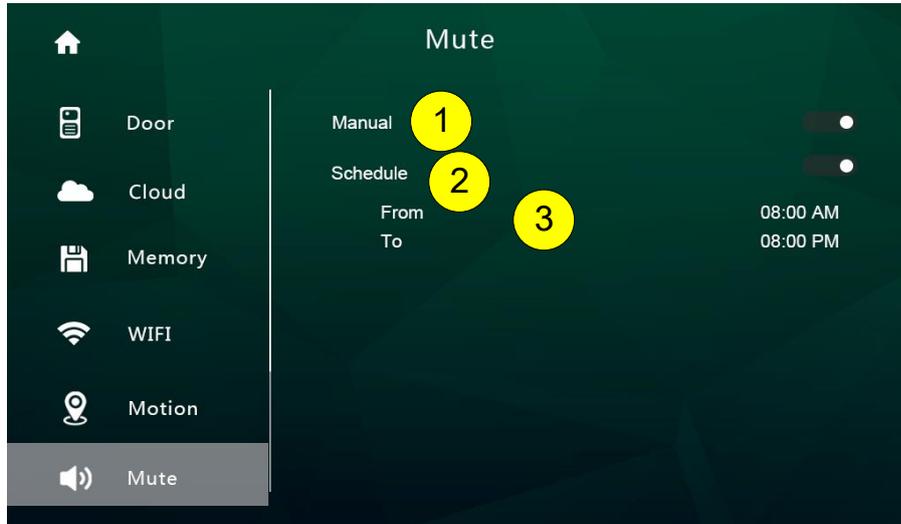


Setting description:

1. Turn on/off motion detection
2. Set the lock to open when motion happen
3. Set the time schedule for motion detection function

4. Take picture when motion happen

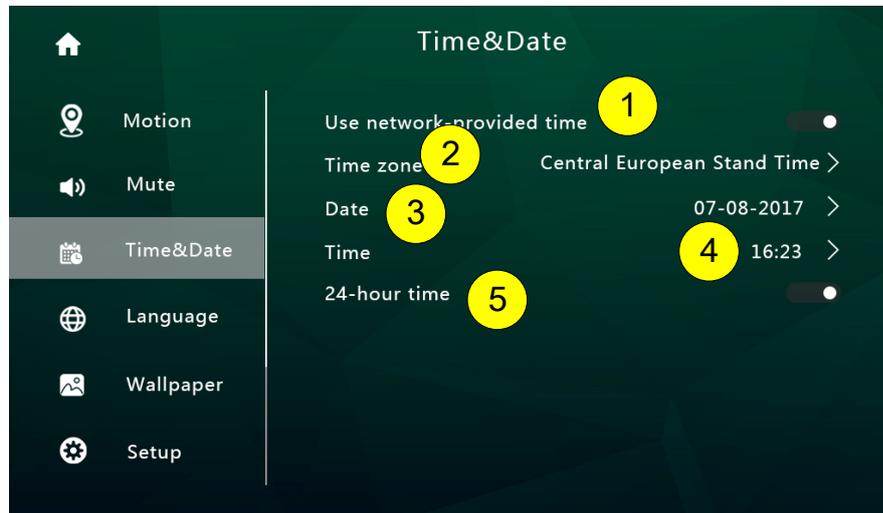
Setting-Mute



Setting description:

1. Deactivate / activate "manual" for mute function
When activate "Manual" for mute function, there will no ring when visitor call from door panel.
2. Deactivate / activate "schedule" for mute function
3. Set schedule mute period
When setting "Schedule" mute function, there will no ring in the setting time.

Setting-Time&Date



Setting description:

1. Turn on/off synchronization time automatically
2. Set time zone
3. Set Date
4. Set Time
5. Deactivate / activate 12-hour or 24-hour format

Setting-Language



Setting description:

1. Set language

Setting-Wallpaper

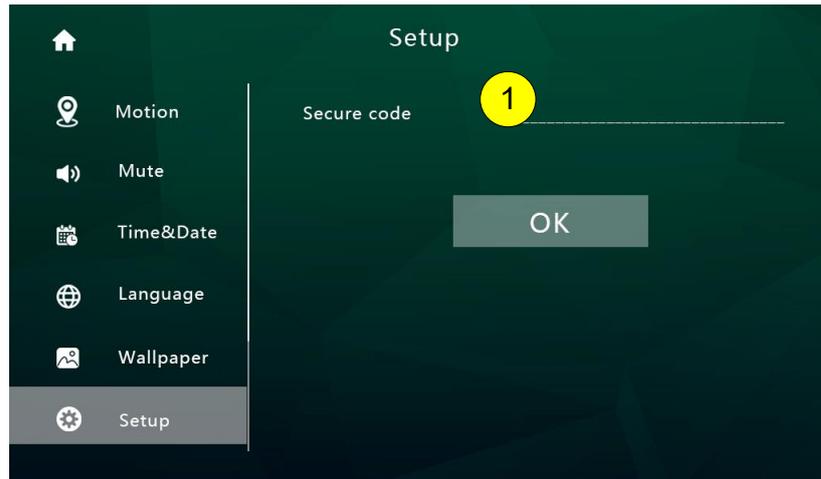


Setting description:

1. Push to choose a new picture as wall paper
2. The existing wallpaper

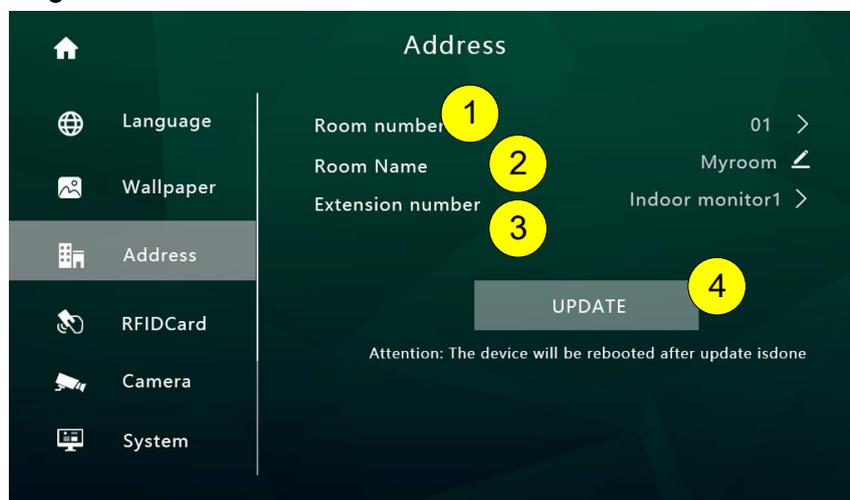
Setting-Setup

To set monitor address, add RFID card, add IP camera, and upgrade system, user needs input password in the following page:



Note: default password: 12345

Setting-Room-Address



Parameter description:

1. Set room number, the value can be 01 ~ 32
2. Set room name
3. Set extension room number, the value can be 1-4
4. Confirm and restart the device

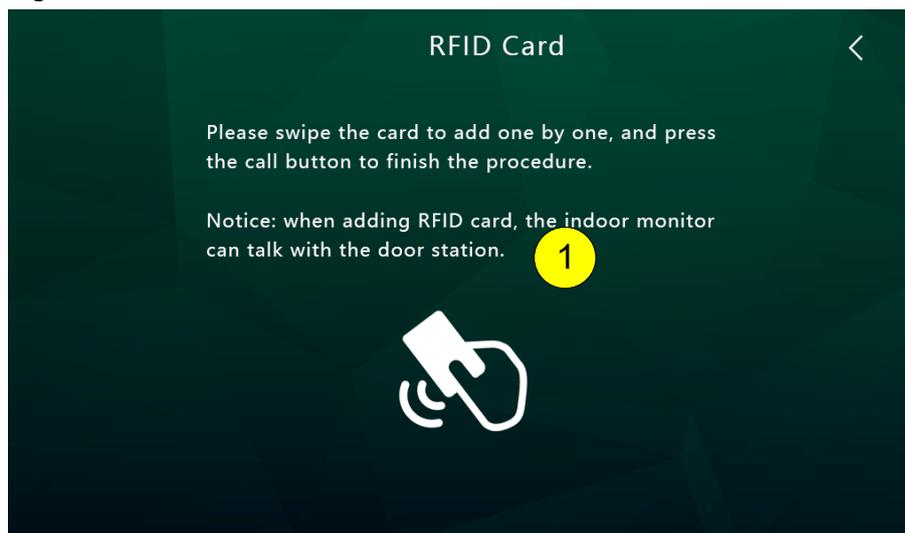
Setting-RFID Card



Setting description:

1. Add new RFID card
2. Delete all RFID card
3. The number of existing RFID card
4. The lock to open when swiping RFID card

Setting- Add RFID Card



For example: If apartment 01 wants to add RFID card, the procedure:

1. Push "Setting" → "RFID card" → "Add card",
2. Swipe the card on door station one by one, then push the 01 call button to finish it
3. Sound prompt: add card - Beep 1 time, add card success: Beep 2 times

Note: When swipe card on the door station, the limited time is 90S

The indoor monitor can talk with door station when adding RFID card.

Setting- swipe short time to open lock1, long time to open lock2



Description:

Time for short time swipe: 1s

Time for long time swipe: 3s

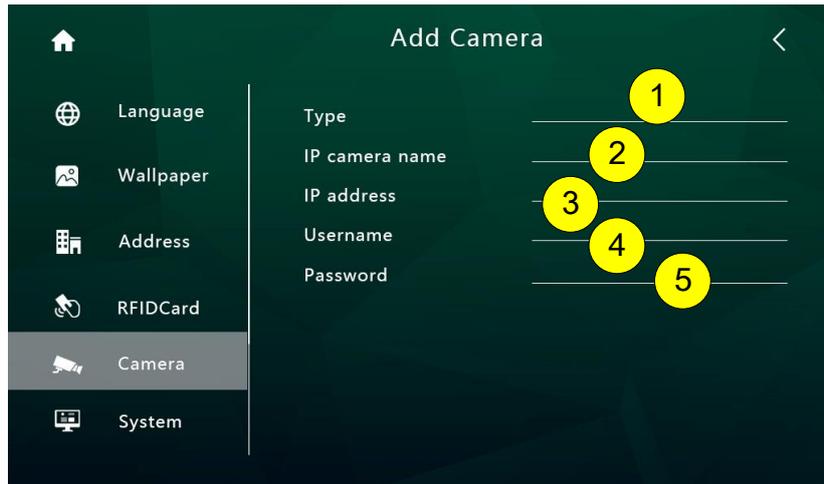
Setting-Camera



Icon description:

1. Modify IP camera setting
2. Delete IP camera
3. Add new IP camera

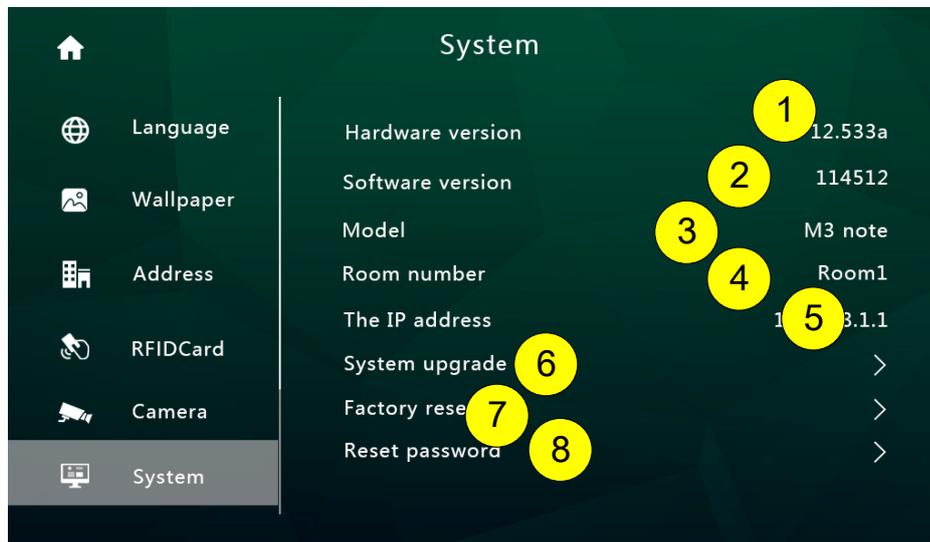
When push icon1 and icon 3, the following page will be shown:



Parameter description:

1. Type: Choose the brand of IP camera
2. IP address name: set the name for IP camera.
3. IPC address: Set IP address of IP camera
 Note: the suggestion IP address for IP camera: from 192.168.137.134 to 192.168.137.254
4. Username: Fill in username of IP camera
5. Password: Fill in password of IP camera

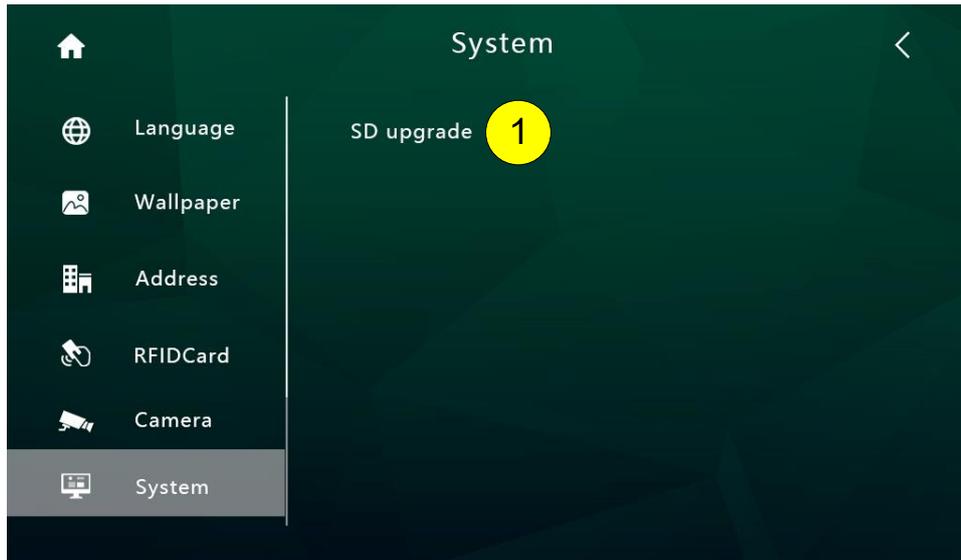
Setting-System



Setting description:

1. Show hardware version
2. Show software version
3. Show model name
4. Show Room number
5. Show IP address
6. Push to upgrade system
7. Push to restore setting
8. Push to change [setting] password

After pushing upgrade button, the following page will be shown:



Setting description:

1. Upgrade via SD card
 - a. Create a new folder named “upgrade”
Note: please use lowercase letters
 - b. Put the system software in it
 - c. Push “Setting” → “System” → “System upgrade” → “SD upgrade” to start

3.6 Upload picture as wallpaper

You can use your own picture as the system wallpaper, the operation procedure:

1. Prepare a Micro-SD card
2. Create a new folder named “wallpaper”, and copy your picture in it
Note: please use lowercase letters
3. Push “Setting” → “Wallpaper” → “Choose a new wallpaper” to set

3.7 Upload music as ringtone

You can use your own music as the ring tone, the operation procedure:

1. Prepare a Micro-SD card
2. Create a new folder named “ringtones”, and copy your music in it
Note: please use lowercase letters
3. Push “Setting” → “Door” → “Ringtone” to set

4. Specifications

Category	Specification
Input power	DC: 24v, 50Hz/60Hz
Power Consumption	Max: 6W, standby: 3W
TFT LCD	7-inch digital TFT LCD
LCD resolution	1024(RGB) x 600
Connection with door station	Support four 2-wire door stations (Maximum)

Connection with CCTV	Support 16 IP camera input (Maximum)
Connection with extension monitor	Support 3 extension monitors
Memory capacity	TF card: 1024 pictures, 128 videos
Dimensions (mm)	232mm*133mm*15mm
Weight(kg)	0.43kg