

Digital Apartment video intercom system

Statement

- * If there is any doubt or disputable regarding information in this manual, you can call our company for clarification.
- * This device is intended only for the Algerian market (without network setting) There may be some other difference between this manual provided here and other manual provided in the other country.

1 Functions Instruction

- **User Setup**

- 1) System info
- 2) Ringtone setup
- 3) Screen saver setup
- 4) Date & Clock
- 5) Password setup
- 6) Ring volume setup
- 7) Delay setup
- 8) Brightness setup
- 9) Screen cleaning
- 10) Wallpaper
- 11) Language setup
- 12) Time zone setting

- **System Setup**

- 1) Security setup
- 2) Room No. setup
- 3) Villa outdoor station setup
- 4) Project password
- 5) System reset
- 6) Color adjustment
- 7) Firmware upgrading
- 8) Call recording mode

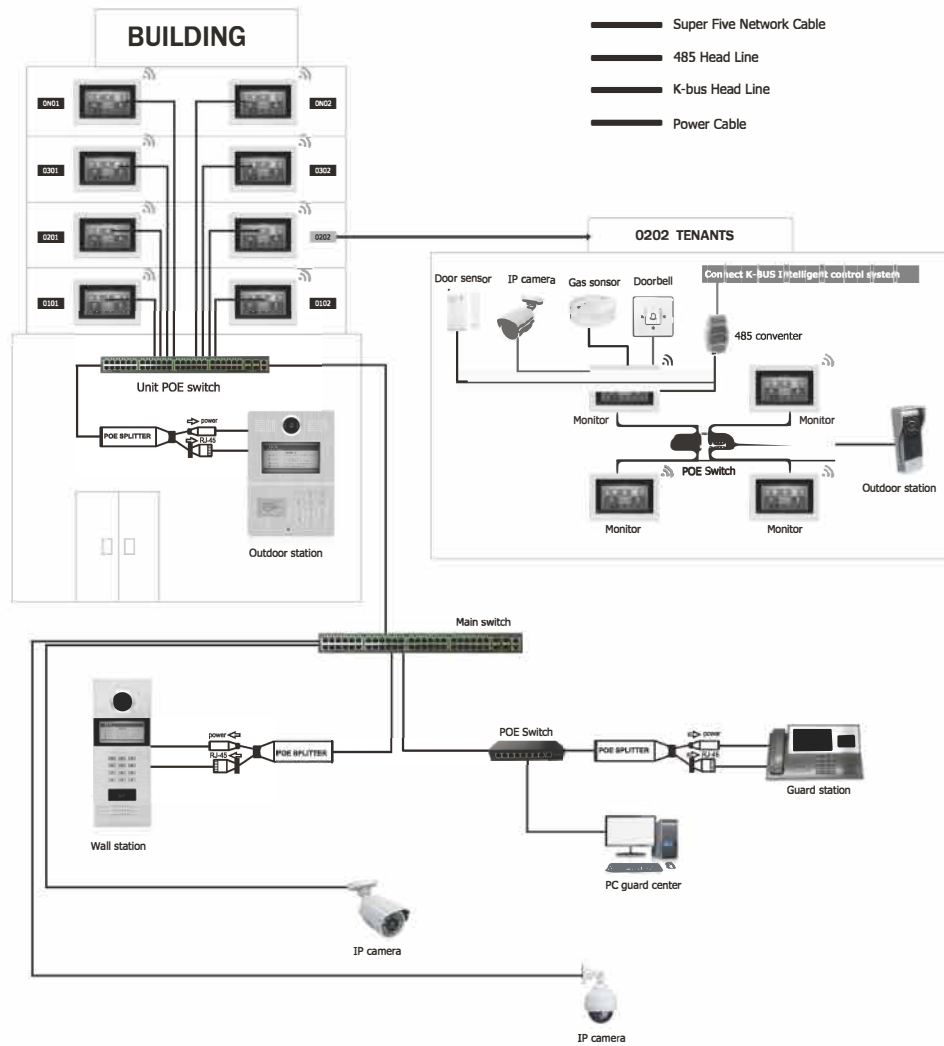
- **Home Security**

- 1) Accomplish one button quick to arming and one button quick to disarming function.
- 2) Check all the sensor type and ON/OFF status at home.

2 System Installation Digram

System devices list:

The main outdoor station, villa outdoor station, indoor monitor, router, switch, PC and wired alarm sensors.



3 Operation Instruction

3.1 Main GUI





- 1) System start and enter main GUI, three modules included: status, menu, shortcut, picture as 3.1
- 2) Status icon from left to right means:
 - ①
 - ② Security status: Arming, Disarming, Alarming.
 - ③ Unread message (a picture or video from visitor):
 - ④ Unread new message:
 - ⑤ Missed the call:
- 3) Shortcut button includes: Ring tone ON/OFF, one button lift call, building monitor, call management center, community message, one button arming, as picture 3.1



picture 3.1

3.2 Video Intercom


3.2.1 WiFi Connection

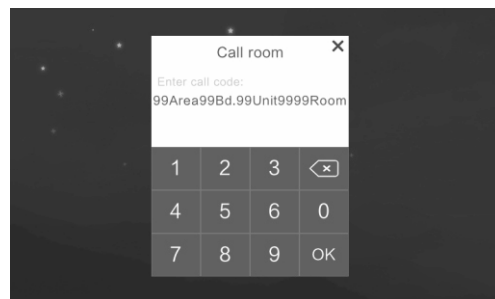
- 1) In the same apartment, only under the default status or indoor monitor set as 01, can connect WiFi, please operate on the indoor monitor 01.
- 2) Click WiFi connection, after the monitor searched WiFi automatically, Select the WiFi to connect, the keyboard will pop up the icon (Click  to change capital or small letter, click  to change the number/letter, click  can delete incorrect error, input the correct WiFi password and click  to connect WiFi, after connect WiFi successfully, the phone can scan QR code to bind with this indoor monitor, the phone can get a call, answer and unlock function, as picture 3.2.1)



picture 3.2.1

3.2.2 Monitor to monitor Intercom

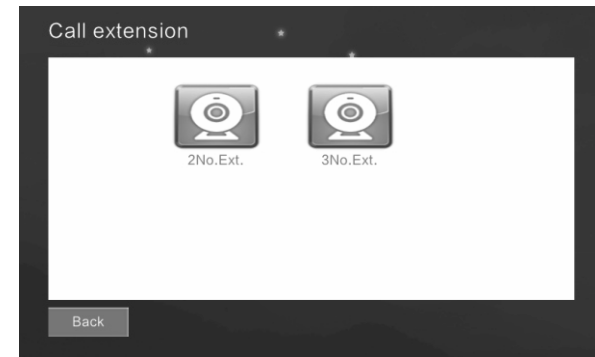
- 1) Input the building No, Unit No and room No to intercom with another room, input room number on keypad  delete incorrect input, press OK to call, e.g.call1 Area 4 Building 1 Unit 101 householder, as picture 3.2.2



picture 3.2.2

3.2.3 Indoor phone

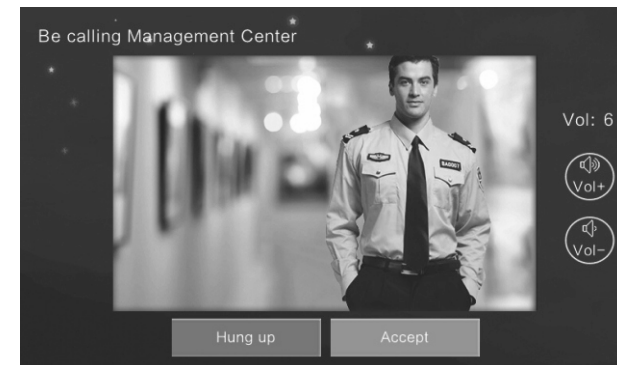
Device auto load the exist other Ext. Indoor monitor, click to call other monitors, as picture 3.2.3



picture 3.2.3


3.2.4 Calling Management Center

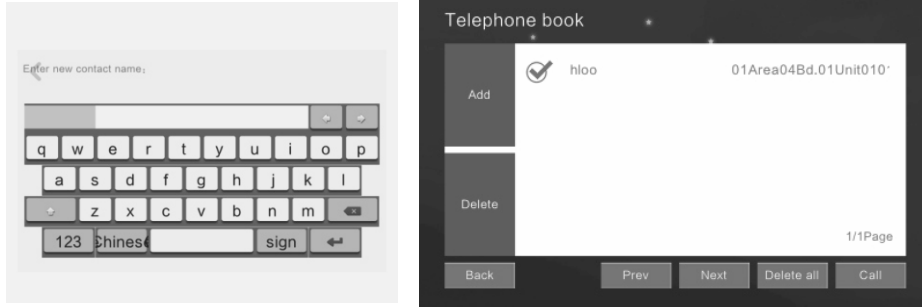
Click "Calling management center" button, can call management office to ask for help. as picture 3.2.4



picture 3.2.4

3.2.5 Telephone book

Add contact person, input contact person name before adding, unit number and room number, click  confirm, support to select a single one to delete. One button to delete all, select to call, turn up, turn down to check. as picture 3.2.5



picture 3.2.5

3.3.2 Security Setup



Set eight defense area, type, whether to be ON, trigger power level. Next page can check the defense area setup of next page, click to save. as picture 3.3.2

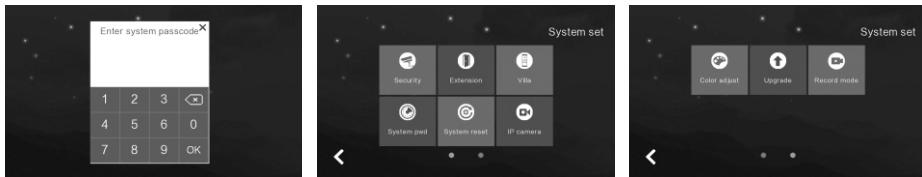


picture 3.3.2

3.3 System Setup

3.3.1 Enter into system setup

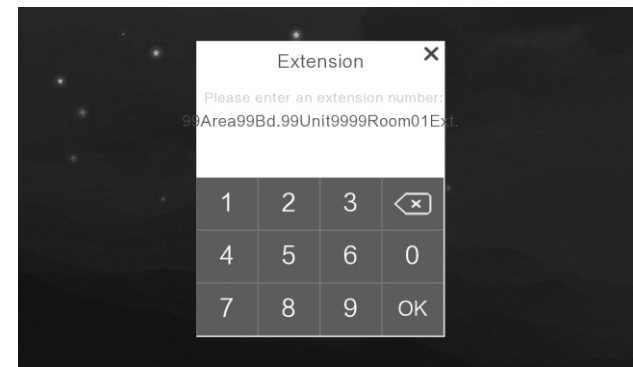
Click main interface system setup, input default project password “666666”, enter into system setup main interface, select  turn over to another page, click  back to main interface, as picture 3.3.1



picture 3.3.1

3.3.3 Room No. Setup

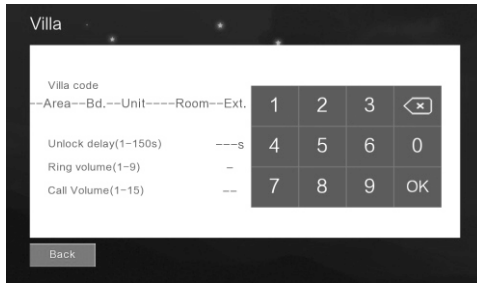
Set the room No. of this device, the default room number is: 99 Area 99 Unit 9999 Room 01 Ext, setup format: xx Building xx Unit xxxx Room xx Ext, e.g. setup is 01Area 03 Building 01 Unit 0101 Room 01 Ext, click OK to save, as picture 3.3.3



picture 3.3.3

3.3.4 Villa outdoor setup

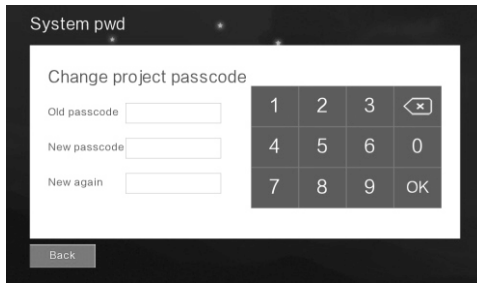
Set this villa outdoor station room number and unlock delay, it need to set indoor monitor room number is factory default 199999999901, set villa outdoor station as system default (villa outdoor station in standby model, continue to press call button for 10s, after you hear Di..di..di.. then release the button, reset complete when the music rings. This device can connect network to setup room number and unlock delay, villa outdoor station setup: Area, Building, Unit, Room number must be consistence with indoor monitor, as picture 3.3.4)



picture 3.3.4

3.3.5 Project passcode

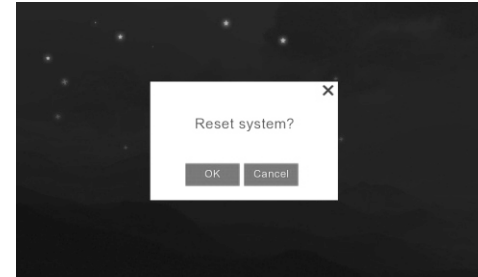
Input 6 digit original passcode, input the same passcode for two times and setup new project passcode, the default project passcode is “666666”, as picture 3.3.5



picture 3.3.5

3.3.6 System reset

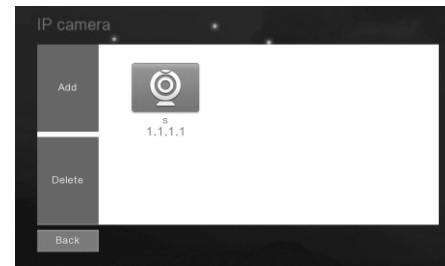
Click system reset, it will prompt whether to reset system, click OK to accomplish system reset, include reply room number automatically, all the records and user setup; Click cancel system reset, as picture 3.3.6



picture 3.3.6

3.3.7 IP camera

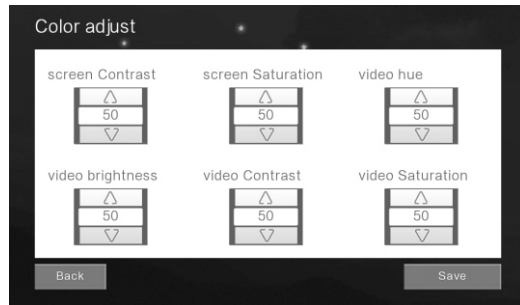
- 1) IP camera support: ONVIF protocol and RTSP protocol IP camera (recommend: Hikvision or Dahua).
- 2) Connect IP camera, and make sure the IP address of IP camera keep in the same VLAN, IP address can not be conflicted.
- 3) Click the add button, input IP camera name like “lift”, input device IP address like “192.168.1.2”, input this device user name and password which could be monitored, then added.
- 4) Click delete button, then delete the selected IP camera device, as picture 3.3.7



picture 3.3.7

3.3.8 Color adjust

It can setup screen contrast, Saturation, video chroma, the brightness of communication video stream, contrast, saturation, the parameter setup range is 0~99, after setup click to save is ok. as picture 3.3.8

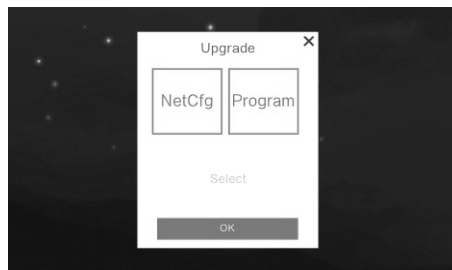


picture 3.3.8

3.3.9 Firmware upgrading

Important Tips: Do not power off during upgrade processing. If power off will cause unable to boot anymore.

- 1) Support SD card upgrading, put fw image.dd and NetCfg.dat into SD card
- 2) Inset monitor, reboot monitor. Secondly, login system setting enter initial passord "666666", must update two fw: NetCfg.dat & image.dd
 - a: choose firmware NetCfg.dat upgrading, After upgrading and rebooting the monitor
 - b: choose firmware image.dd upgrading, After upgrading and rebooting the monitor. as picture 3.3.8



picture 3.3.9

3.3.10 Recording Mode

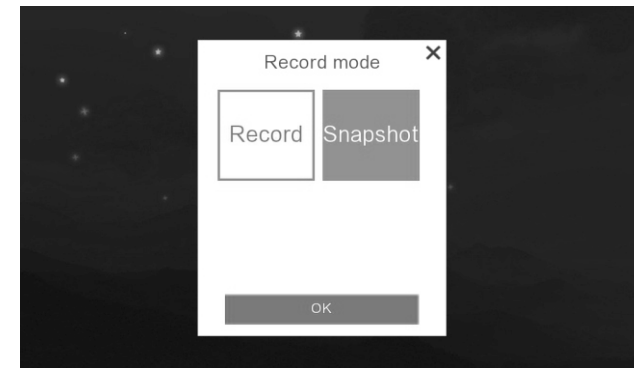
It has two modes: snap shot and video recording

Snap shot:

When outdoor station call indoor monitor, system will capture a phone automatically and store in TF card. User can check it in Recording center >> call record.

Call Record:

When outdoor station call indoor monitor, it will start to record video, store in TF card. User can check it in Recording center >> call record. as picture 3.3.10

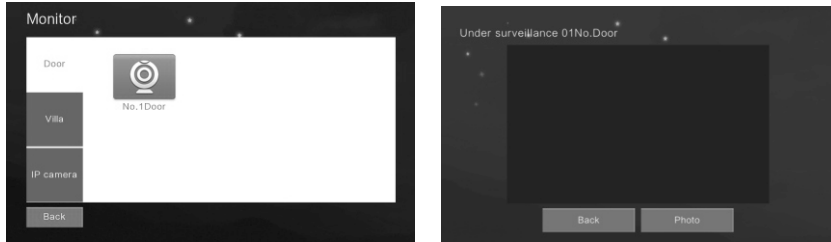


picture 3.3.10

3.4 Monitor Center

3.4.1 Monitor outdoor station

Can monitor all the outdoor station, villa outdoor station and IP camera of this unit, and monitor interface can snapshot to save. as picture 3.4.1



picture 3.4.1

3.5 Records

3.5.1 Public message

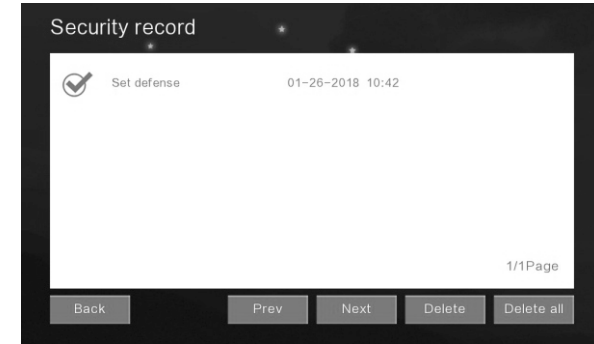
Message from manage center including public message and private message, it can with title, date, time, status, can click the icon to check, delete or delete all. Details as picture 3.5.1



picture 3.5.1

3.5.2 Security Record

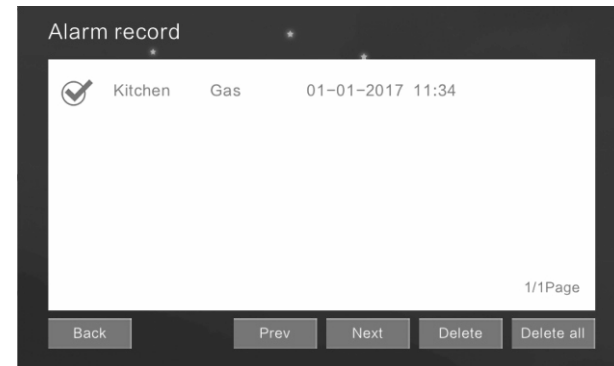
Alarm/disalarm of storage device record and time, shows as below picture 3.5.2



picture 3.5.2

3.5.3 Alarm record

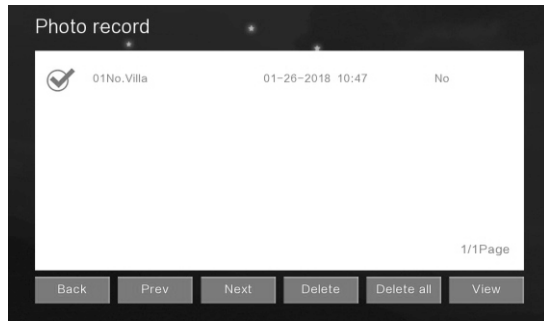
Storage alarm record including Area, type, date and time, shows as below details picture 3.5.3



picture 3.5.3

3.5.4 Photo record

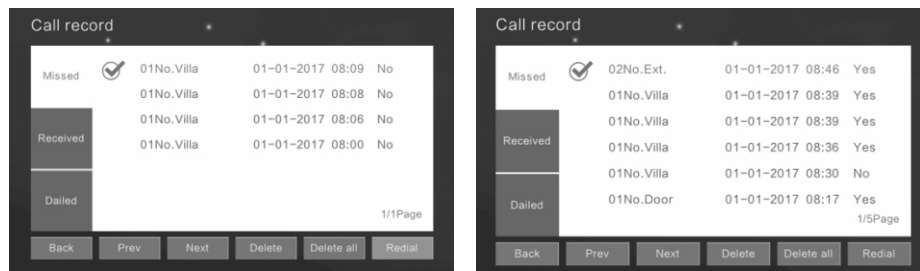
Here will storage picture which recorded, during monitoring, it is including Villa, Door, IP camera, shows as below picture 3.5.4



picture 3.5.4

3.5.5 Call record

- 1) Device with call record function, it is including Missed call, received call, dialed call, and the record items type, time and status.
- 2) User can redialed missed call, received call and dialed call from other extension or other indoor monitor from other flat. Via this page, **Redial** means can not redialed that selected one, **Redial** means can redialed that selected one, an can select single message or all message and delete with. If it is a call from the outdoor station, user can check the snap shot or video of the outdoor station (According to the recording mode setting).Details shows as below picture 3.5.5



picture 3.5.5

3.5.6 Leave message record

When the indoor monitor with record function no answer to outdoor calling, visitor can leave a message to host, then the indoor monitor will with message details including doorbell name, time and status, User can click and check the message alos can delete them. Details shows as below picture 3.5.6



picture 3.5.6

3.6 Security

Set defense and cancel defense



- 1) User can set or cancel defense from security interface.
- 2) If need to cancel defense after set defense, it will ask input password (default password 123456).
- 3) From security interface can check the 8 defense type and status, Exigency, smoke and Gas is immediately defense, they are on real time monitoring. The other 5 types including Magnetic, Infrared, GSM, Glass need manual setting. Details shows as below picture 3.6.1

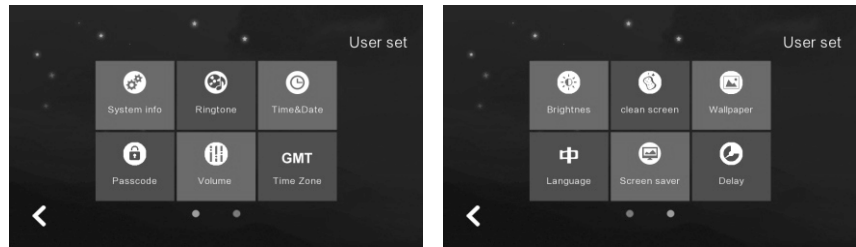


picture 3.6.1

3.7 User set

3.7.1 Enter user set

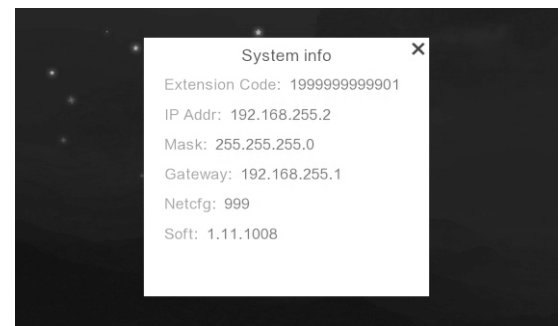
Enter "User set" from main user interface, choose   for select the page, Details shows as below picture 3.7.1



picture 3.7.1

3.7.2 System info

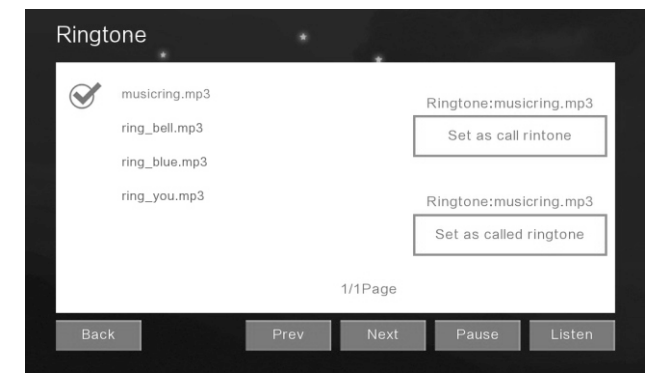
Check indoor monitor code, IP address, Mask, Gateway, NetCfg, Soft version, and vendor info. Details shows as below picture 3.7.2



picture 3.7.2

3.7.3 Ringtone

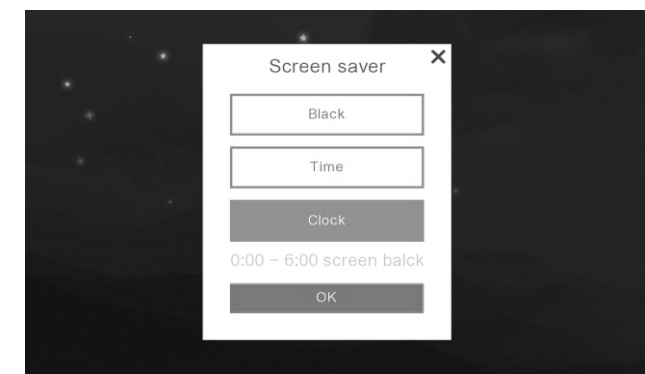
Support set the call ringtone and called ringtone. User can select the inside music or upload music by SD card. Details shows as below picture 3.7.3



picture 3.7.3

3.7.4 Screen saver

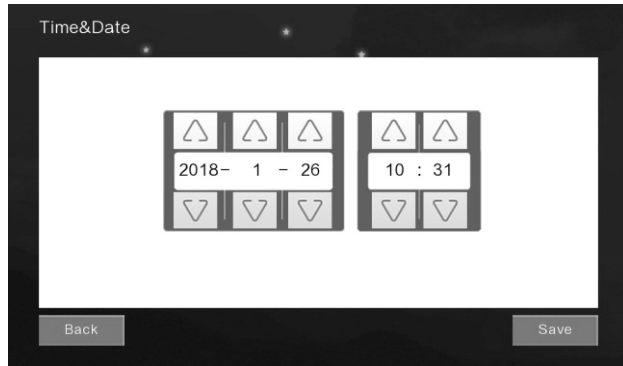
Support Black, Time and Clock 3 types screen saver. System default enter screen saver in 60s if without any operating, and will enter Black from 00:00-06:00 automatically. Details shows as below picture 3.7.4



picture 3.7.4

3.7.5 Time & Date

Support et Year/Month/Day/Hour/Minute, one day 24 hour. Details shows as below picture 3.7.5



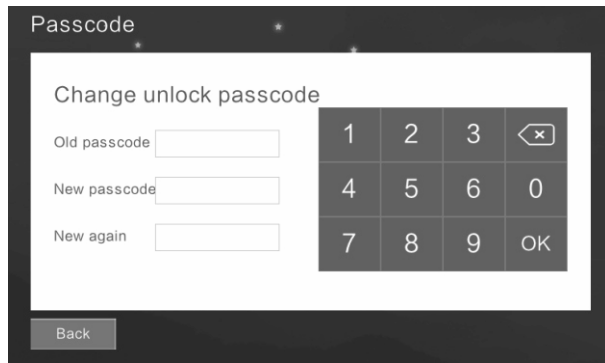
picture 3.7.5

3.7.6 Pass code

Password type:

- A: User password B: Password used when Hijack
- C: Disarm password D: Disarm password used when Hijack

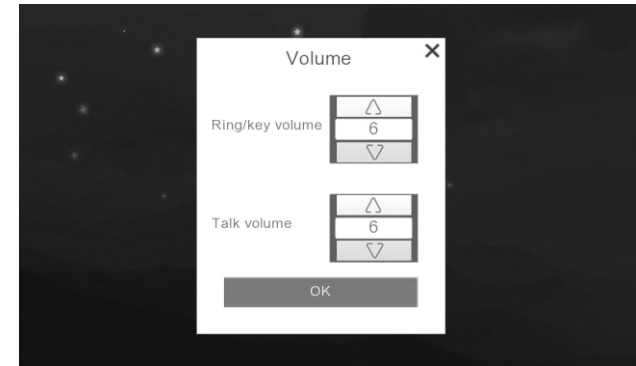
A and B same, C and D same, C and A reverse number order
 A and B can not same as C and D. ofr example A and B password is "123456", the C and D password can be "654321", but if A and B password be "123321" then it is not ok. Will set failed. as picture 3.7.6



picture 3.7.6

3.7.7 Volume

Including Ring/Key volume and Talk volume, from grade 0-15.. Details shows as below picture 3.7.7



picture 3.7.7

3.7.8 Delay

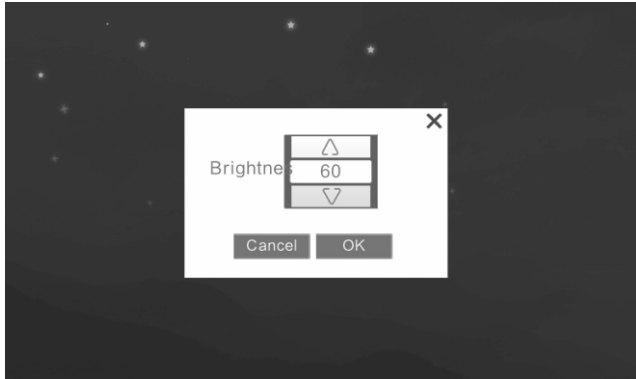
Set defense time, alarm ringing, called, Screensaver time. Set defense can be 30s, 60s and 99s, Alarm time can be 0s, 30s and 60s, alarm ringing time can be 3min, 5min called delay time can be 30s, 60s, 90s. Screensaver time can be 30s, 60s, 90s. shows as below picture 3.7.8



picture 3.7.8

3.7.9 Brightness settings

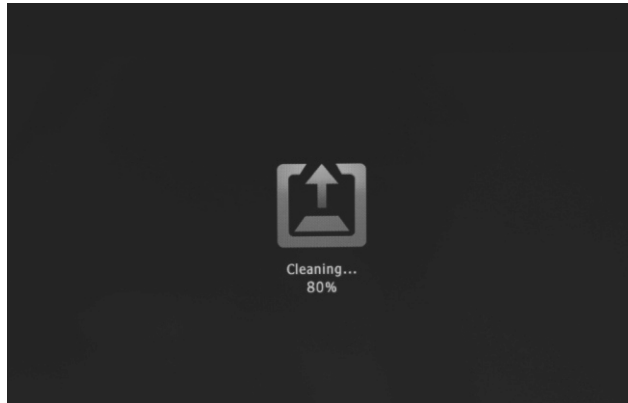
Set Brightness from grade 1-100. Details shows as below picture 3.7.9



picture 3.7.9

3.7.10 Clean screen

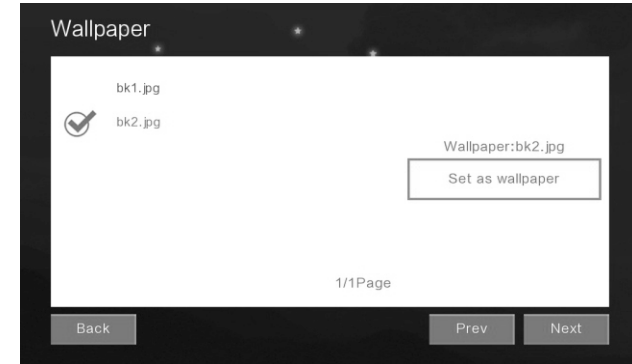
Click clean screen and confirm it, it will clean screen 10s, details shows as below picture 3.7.10



picture 3.7.10

3.7.11 Wallpaper

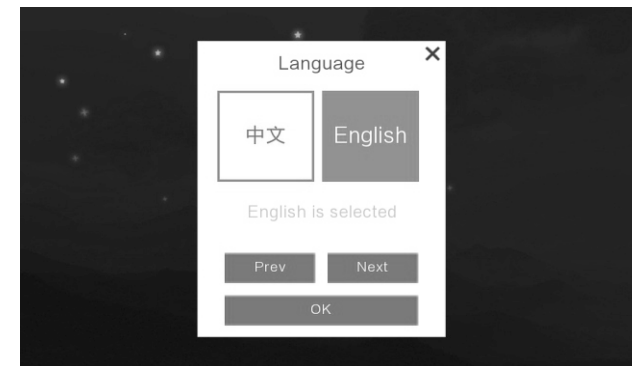
It can preview the picture chosen, and click “set as wallpaper”, also support upload size 1024*600 png picture, and place it on wallpaper. Details shows as below picture 3.7.11



picture 3.7.11

3.7.12 Language

Enter language set and choose the language then click OK. Details shows as below picture 3.7.12

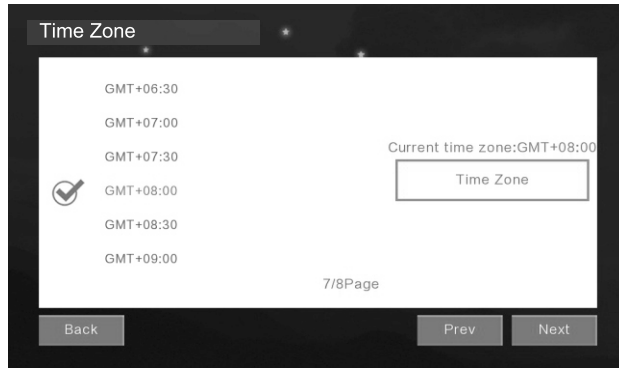


picture 3.7.12

3.7.13 Time Zone Setting

When indoor monitor connect to WiFi network, it will automatically synchronizes Internet time, user should set to correct time zone in advance.

Details shows as below picture 3.7.13



picture 3.7.13

4 Technical configuration

- Display: 7" TFT LCD(color)
- Resolution: 1024*600
- Vibration: Bell ≥ 70 dB
- Power: DC 12V/2A or POE/12V-48V
- Current: < 350 mA
- Working temperature: $-10^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Max power consumption: < 5 W
- Mension: 226mm*151mm*23mm
- Installation: surface mounted