

A8S-801ZCD8S7

Thank you for using our company's "building (video) intercom system."
Please read this manual before using and keep it for future reference.
WRT reserves the right to change specifications or designs described
in this manual without notice and obligation.

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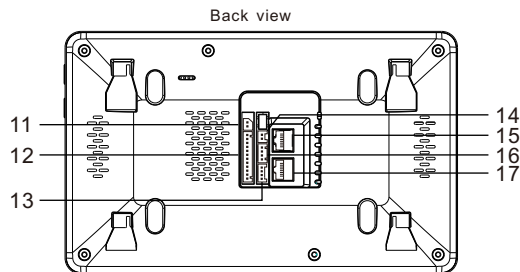
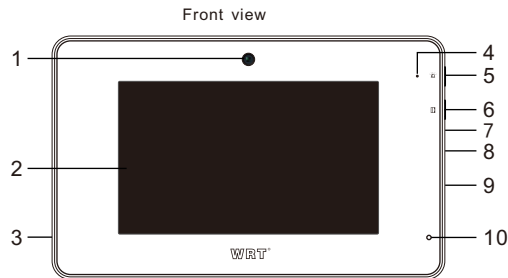
1 System feature:

801 intercom systems is composed by building gate station, user door phone, PC and other equipments, which is based on TCP/IP. The system is with the technology of multichannel, each channel can work independently.

Feature:

- 1.Suit for large community.
- 2.Wall hanging install, Touch operation .
- 3.7.0"LCD Display, monitor the situation of the entrance, remote unlock
- 4.Can call the Control Center, send the emergency to Control Center
- 5.Call the other tenant for intercom
- 6.Bidirectional video
- 7.Ringtone Download and Silent Mode.
- 8.Function for lift
- 9.Call Divert.
- 10.Eight arm/disalarm zones
- 11.wireless home furnishings control
- 12.Check pictures, SMS etc.
- 13.Service for the convenience of the customers from the Control Center is supported
- 14.Parallel Operation is allowed, at most 4 indoor Monitors can be work together
- 15.Media Services (support SD card and USB)
- 16.Remote update
- 17.2 ways to provide power

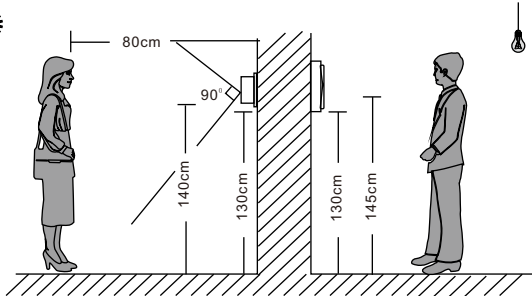
2 Appearance



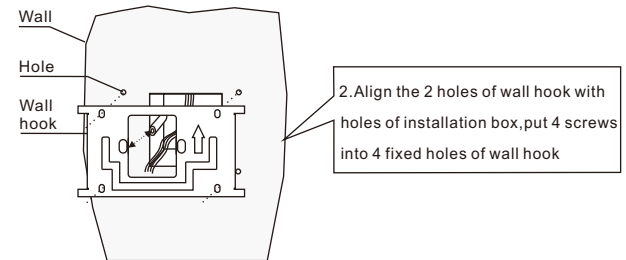
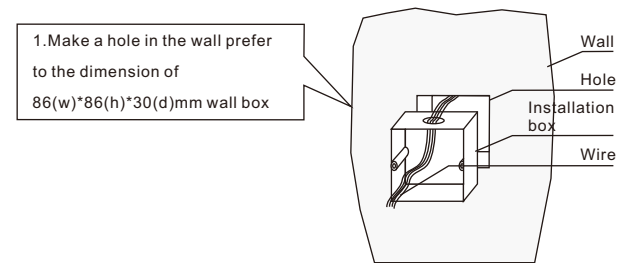
- 1.Camera 2.Screen 3.Speaker 4.Status indicator light 5.Alarm
6.Lift 7.Reset button 8.SD Card Port 9.USB Port 10.Microphone
11.Extension port 12.Socket of Alarm Sensor 13.Analogue monitor port
14.Connect Socket for input of +18VDC 15.LAN port (If need to have the function of POE, must use switch from our company) 16.External Socket for manual doorbell and the button of emergency and alarm
17.LAN port(Normally switch)

3 Caution

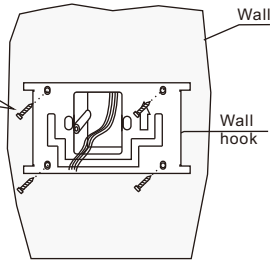
1. Do not install it in any of the following locations, extremely temperature area, under direct sunlight, subject to environmental conditions, such as oil, dust, chemicals, salt, etc.
2. Installing at the height of 145cm above the ground is highly recommended.
3. Be sure to cut off the power during installation.
4. Put wires in wire tube and separate it from other wires to avoid the interference. All wire connector should be outside and water-proofed, for better maintenance.
5. Make sure wires are connected properly before plugging in power supply.
6. When malfunction happens, cut off the power till the problem is solved.
7. If the system is found of any malfunction, please cut off the power and inspect according to the TroubleShooting. If it is unable to find the causes, please contact the sales agent or the manufacture's after-sales service department. Do not repair or replace the parts by yourself, otherwise the system might be damaged.



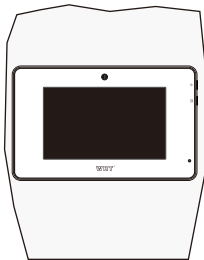
4 Installation



3. Put plastic expansion plugs into the screw holes, then fix the wall hooks on the wall with screws.



4. Connect wires, align the holes of monitor bottom with screws and drop down to be stable enough



5 Description:

This station is operated by touching the key. Click on the icon or text once to enter the next level menu or perform functions.

It will boot normally after 30 seconds when it is energized.

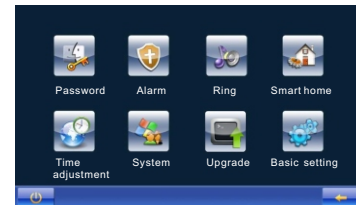


Touch the screen when it is in standby state, and can operate it.

There are Home/ Outside/ Maintenance/ Lift/Smart home/ Service/ Setting/ Message/ Call/ Monitor icons in homepage, click on the icon to enter the next step. Click "X" can turn off the screen, it will turn in screen saver or shut down if there is no operating after 3 mins.

5.1 Setting:

Specification of the door phone must be setted after connecting well. Press "settings" icon, turn to the interface where you can set password, room number and so forth.



5.1.1 Password: Modify password

Touch the icon of "Password":



Input the old password(input the "88888888" for first usage), and press "#" to confirm it. If wrong, the display will prompt, then click "Ok" to re-enter the old password, and click "cancel" to return to the main menu. In the case of right old password can automatically activate the new password input box. Tenant may be prompted to enter a new password continuously, and press "#" to confirm, click "Ok" to change the password for the new password, press "←" to return to the previous menu.

Note: 1 Please keep in mind a new password, and shall not be divulged.

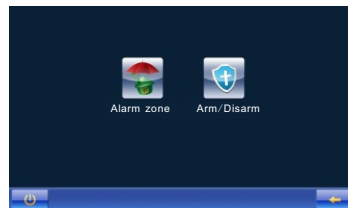
2 If tenants forget the password, the password can be restored to the initial password " 88888888."

5.1.2 Alarm: Enable/Disable/Arm/Disarm the zones

There is a line of alarm LEDs show on the up right side of the main interface. The arm is turned off when it is gray; arm zones are not set up when it is blue; arm zones are set up when it is yellow; there is a new alarm when it is red(main interface is "Default style", the zone indicator light is on the downside of main interface, Disable/Disarm/Arm/Alarm indications are Black/Green/Yellow/Red). 8 Alarm Zones in all, Zones 1 to 4 are for fire, gas, FIR and door sensor, 5 to 8 would be set by your own.

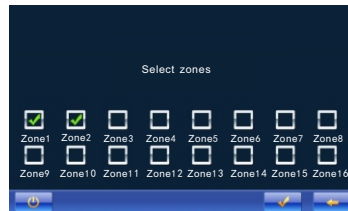
You have to set up the arm zones first. Touch the " Alarm" icon, input the password and press "#" to confirm, enter the interface as bellowed:

a.Arm: Touch the "Alarm" icon, input the password, enter the interface as bellowed:

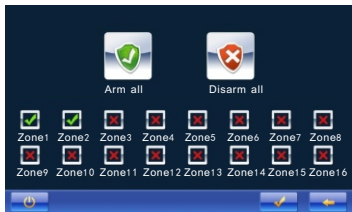


Touch "Alarm Zone" icon, click the zones to arm them and click " ✓ " to confirm. Click " ✓ " again to disarm them, click " ← " to return to previous menu.

Note: The disable zones can not arm.



b.Arm/Disarm: It works only if it is " home" mode, click the " Arm/Disarm" icon, the display shows:



Click the arm zone you need, and press " ✓", " ✓ " means arm is enable, " x " means arm is disable, click " ✓ " again to confirm. If "toot" sound is heard, the alarm LED turns to be yellow.

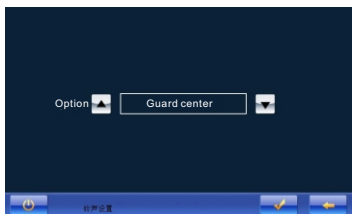
Click again the armed zone(s) you want to disarm and click " ✓ " to confirm for disarm purpose.

Alarm all: Click " Alarm all " and click " OK " to confirm.

Disarm all: Click " Disarm all " and click " OK " to confirm.

Note: Smoke and Gas zones will turn to arming status after setup.

5.1.3 Ring: Set ringtones for guard station, gate station, entrance station, intercommunication indoor monitors, alarm, message etc. Click " Ring "



Select the call in locations by " ▲ " or " ▼ ", and press " ✓ " confirm.

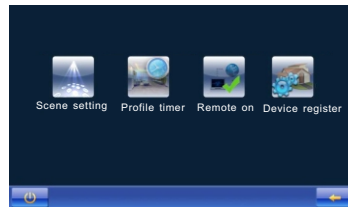


- " [Delete All] " : Delete all ringtones (except for the default ring and locking ring)
- " [Delete Selected] " : Delete the selected ringtones (locked ringtones can't be deleted)
- " [Play] " : Play the selected ringtone. A dialogue box will; show after click to remind user whether to set it.
- " [Up] " and " [Down] " : Slip up/down to check other ringtones.

5.1.4 Smart home: Set for home automation function

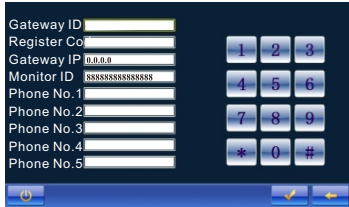
The door phone can be used to set for Scene settings in wireless home automation system, but you should deploy the furnishings before using this function.

Touch " Home ", input the password and press "#" key:



You should deploy the furnishings before using this function.

a. Device register: Touch " Device Register "



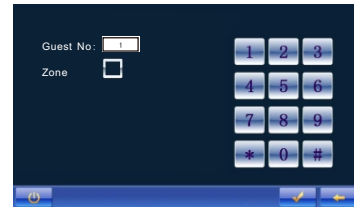
Gateway ID: Master station ID while setting Home system software
 Register code: Control password while setting Home system software
 Gateway IP: Destination address while setting Home system software
 Room ID: Tablet ID while setting Home system software
 Input correct parameters to entry boxes, and press "✓" to confirm.
 Note: While input the parameters, press "*" to delete the former word, press "#" to input "."

b.Scene setting:

Touch "Scene setting":



For example, select "Guest":



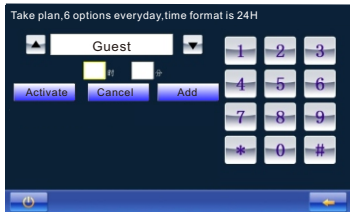
Select any mode you want (the selected one would turn to be yellow), press "*" to delete the former information, press number to input new data. When tenant input scene NO. which should be the same as while setting Home system software.

If tenant need zone arm, select it and select the zones which are enabled among the pop-up zone options:



After completed, press "✓" to confirm then zone arm will execute appropriate actions.

c.Profile Timer: Set one scene for the time point of everyday (except weekend) Click "Profile timer", it will show:



Press "▲" or "▼" to choose Scene Mode (Home ,Outside, Night light ,Get up, and User-defined mode), input activate time (click the entry box before hour/ minute, it means be selected when become yellow, then input thenumber), click "Add" can add scene mode. Click"activate" can make the scene mode enable automatically oncertain time everyday.

Click "activate" again,"activate"become"stop", click"stop"can stop the scene mode.

Tenant can add several scene modes (≤6) at one time, then click "activate".

Click"Cancel All"can eliminate all scene modes which are added.

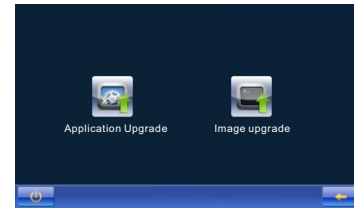
Remote on: set if remote control home furnishing. Click "Remote on/ Remote off", open/close remote control.

When remote control is on, tenant can control home furnishing by Control Center.

5.1.5 Time adjustment: Adjust time to keep in accordance with center unit.

5.1.6 System: Check IP address and functions current status.

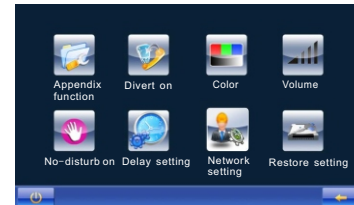
5.1.7 Upgrade: Upgrade App by SD Card.



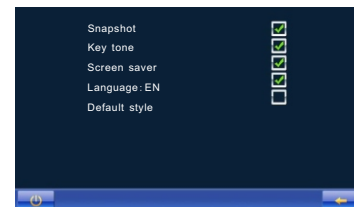
First creat "wrt" folder in SD Card by computer Windows system, copy App into "wrt" catalog and rename "wrt_room",insertSD Card in SD Card slot of ,then click"App Upgrade" t the indoor monitor ill it prompts succeed.

5.1.8 Basic setting:

Click "Basic Setting":



a. Appendix function: User can set snapshot, screen saver, key tone, connection with analog monitor etc.



Touch the function you want to set, "❌" means turn on, "✅" means turn off, press "←" to save the data and go back to previous.

The station will snapshot after 5 seconds while the station is calling the indoor monitor under the snapshot is on. It also snapshot after 5s while the Front Door Station is calling, and the photo will upload to the Center for recording.

When key tone is on, there will be an accompanying sound when every time touch the screen.

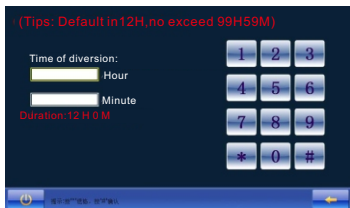
When screen saver is on, the indoor monitor will be auto- screensaver.

Touch "Language", interface will transform between CH-EN.

Select "Default Style", change interface mode:



b. Divert on:



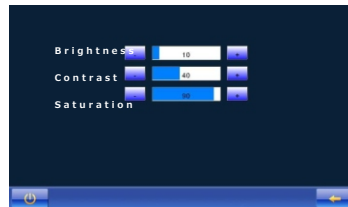
Touch "Divert on", input the time of it, and press "#" to confirm.

Directly click "#" without any input of time, it will turn to be default "Divert on" time 12 hours.

When there is a visitor, the system will transfer the call to the Control Center under divert on.

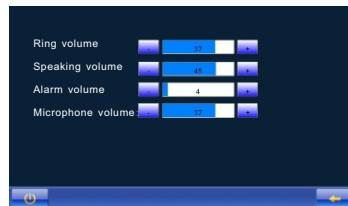
Note: Cancel divert on status: Click "Cancel divert on" and click confirm icon in divert on status.

c. Color: Touch "Color" to adjust brightness, contrast and saturation



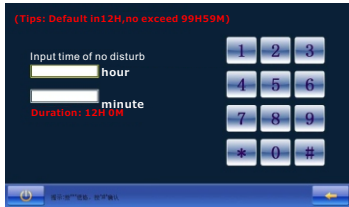
There are totally 100 levels, press "+" can turn up, or "-" to turn down, press "←" to save the data and go to the previous.

d. Volume: Adjust the volume of ringtone, call, alarm and microphone:



There are 5 levels of volume, press "+" to turn up the volume, and "-" to turn down, press "←" to save the data and go to the previous.

e. No disturb:

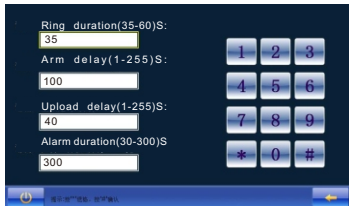


Touch "No-disturb on". Input the time (Beyond 100 hours), and press "*" and "OK" to confirm it. Directly click "*" and "OK" without any input of time, it will turn to be default No-disturb time 12 hours.

Note: The bell will not ring after successful setting. The divert on setting will shut down when No-disturb on.

Cancel No-disturb on: The icon will turn to cancel No-disturb on status after setting successfully. User click "Cancel No-disturb on" and confirm it to cancel No-disturb on function.

f. Delay setting: Set the time of ringtone, arm delay, upload delay and alarm bell.



Click the time box, and input the time, and press "*" to delete the words of box; Input the setting time, press "*" and "Ok" to confirm.

Same way to set time of arm delay, report delay time and alarm time.

g. Network settings: Only operation by engineers, can be set according to the community network layout.

h. Restore settings: Default setting, input password and click "*" to confirm. Be cautions of this step!

Please restart the device after setting all above.

5.2 Call:

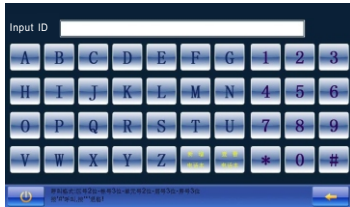
Touch "Call" icon



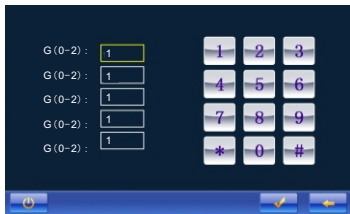
5.2.1 Call Guard center: This function is calling the Control Center. If no answer, it will cut off automatically, or else the call can be kept in 2 mins, and click "📞" to hang up.

5.2.2 Call the tenant: Set dial format or intercommunication with other tenants with one LAN internet.



Click "call the tenant" icon:



Dial format Setting: Set the length of the NO. Input "RULE", and press "#" to confirm.



Click the input box(it turns to be yellow when selecting it) Input the NO. according to the tips, and press "√" to save the data.

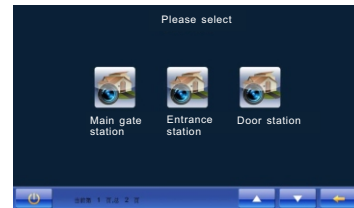
Call the tenant: Input the Room NO. and press"# " button according to the dial formal you have set for the tenant.If no one answers, it will cut off automatically, or else the call can be kept in 2 mins. Click"  "to hang up when busy line. You can also add new contacts by inputting the Room NO. of the tenant,and press"Add Contacts"to save. You can check the numbers by touching "Check Contacts". Select Room NO. ,then click"  "to call the selected tenant.

5.2.3 Duty Manager: Click it and call to duty manager.

5.2.4 Lift: Click lift icon to call the lift when system is connected with lift.

5.3 Monitor:

The station can monitor 30 seconds. Touch " Monitor "icon:

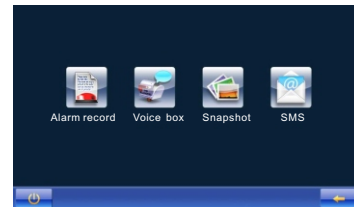


Touch " Monitor " to select " Gate Station ", " Sub Gate Station " or "Entrance Station" for monitoring , and click"  "to exit, or click"  "and"  "to turn the pages and touch "  "to exit.

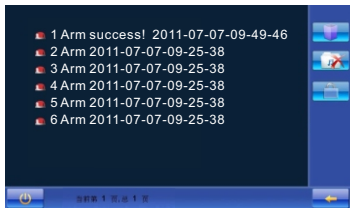
Note: Need deployment before multiple-monitoring, then download the deployment information and upload into the door phone.


5.4 Message:


Touch"Message"




5.4.1 Alarm Record: Touch"Alarm Record"to check the records, the screen will show while touched:



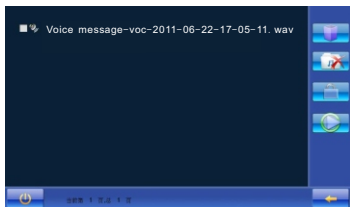
"": Delete all the records(except for the locking one);


"": Delete the records which have been selected(the selected one would turn to yellow);


" / ": Lock / Unlock the records which have been selected;

Use "" and "" for page turning when there are lots of records.

5.4.2 Voice Box: Check records of gate station, front door station and video door phone, Touch "Voice Box" to check the records, the screen will show when touching it:

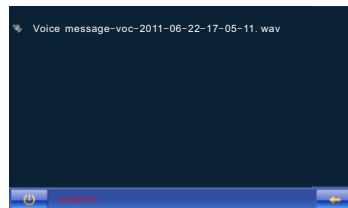


"": Delete all the voice records(except for the locking one)

"": Delete the voice records which have been selected(the selected one would turn to yellow);

" / ": Lock / Unlock the voice records which have been selected.

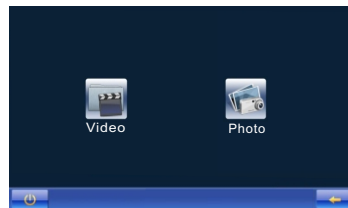
"": Play and voice records which have been selected.



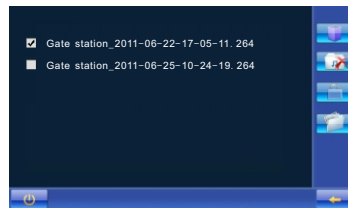
Press "+<" to the previous menu.

Use "" and "" for page turning when there are lots of records.


5.4.3 Picture snapshot: Touch "Picture" to check snapshot pictures, the screen will show while touched:



a.Video:




"": Delete all the video records(except for the locking one)

"": Delete the video records which have been selected(the selected one would turn to yellow) ;

" / ": Lock / Unlock the selected video records

"": Play the video records which have been selected;

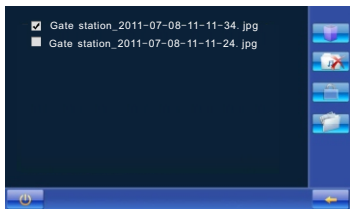
Video door phone can save max 20 video records, users can press "" 、

"" for page turning when there are lots of video records.


When playing video records, click anywhere of the screen can stop playing and return to the video records list interface.

On the video records list interface, click "" or "" can export video records to SD card or USB device.

b,Photo:

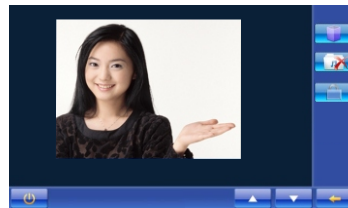


"": Delete all the photos(except for the locking one)



"": Delete the photos which have been selected(the selected one would turn to yellow)

" / ": Lock / Unlock the photos which have been selected.

"": View the photos

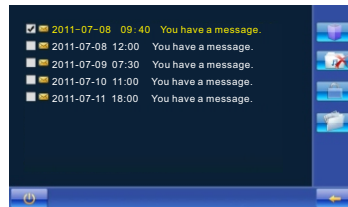


Use "" and "" for page turning when there are lots of photos.


When viewing the interface on photo list or photo, click "" or "" can export photos to SD Card or USB Device.

5.4.4 Message:


Touch "Message" to check the records, the screen will show while touched:

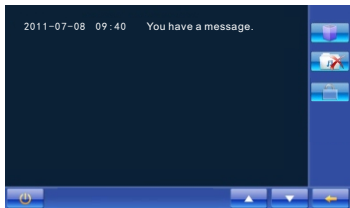


"": Delete all the message(except for the locking one)

"": Delete the message which have been selected (the selected one would turn to yellow);

" / ": Lock / Unlock the messages which have been selected;

"": Open the selected message.



Use "▲" and "▼" for page turning when there are lots of photos.

Note: The status indicator lights will turn to be red when have new messages.

5.5 Home/ Outside

Express mode, one-key arm/disarm, convenient for users to control arm zones.

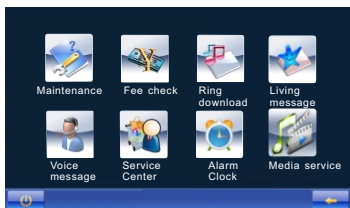
Click "Outside" icon, then confirm it to set arm for all arm zones, they will start to work after delay time.

Click "Home" icon, input password and click "#" to confirm, and disarm for the armed zones.

5.6 Service:

All the service items will not work until the function are all activated.

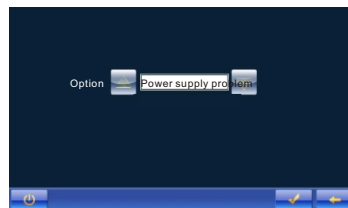
Click "Service" icon in main interface, it will display:



There are "Maintenance" " Fee check" " Ring download" " Living message" " Voice message" " Service Center" icons.

5.6.1 Maintenance:

All the public system problems such as power supply problems, water supply problems, Kitchen problems and gas supply problems etc.



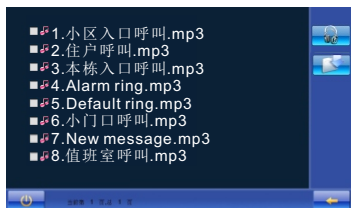
User clicks "▲" or "▼" to choose the type of helping service, then click "√" to send the signal to the guard center. If succeed, you will see a message box, click "ok" confirm.


5.6.2 Fee check: You can check the fee for water, electricity, gas, management, drinking water and heating bills.






Click "▲" or "▼" to choose the type of bill, and then click "√" to check the bill.

5.6.3 Ring download: To download the ring-tone offered from the guard center, please click the icon and you will see the following screen:



"": Download the ring- tone from the center to buffer and play.

"": To download the ring-tone from the center to the door phone. You can set the ring-tone downloaded in Ring Setting.

When there are many ring- tones, press "" and "" to turn the pages.

5.6.4 Living message:Ask for handy service from the center(Only when the center offer this service)



5.6.5 Voice message:Leave a message

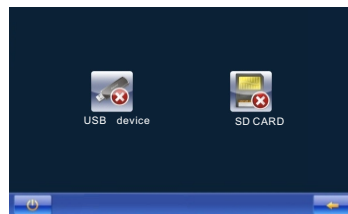




Click "REC"to leave a message. The voice message can last 20s. Click "Stop" to recording.

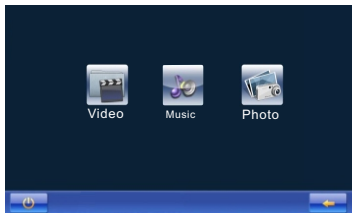
5.6.6 Service Center: Users can call the service center to get services.To realize this function, an IP telephone server and the telephone traffic platform.

5.6.7 Alarm Clock: Users can set alarming time under this menu.

5.6.8 Media Services: Indoor monitor can provide external device such as video,music,photo of SD Card USB with playback.



Insert external device to the indoor monitor(Before using SD Card or USB Device, tenant must put video, music and picture into video, music, picture folders of external device , or failed to play. If it still appears not available, just return to the main interface, click "" or "":



Click "Video", "Music", "Photo" enter the appropriate interface.

Video: Main interface shows in a list



Select the file, click " " on the right side, the video will play full-screen with an original resolution.

When playing a file, click screen to exit, if not, the indoor monitor will play video in order.

Note: The indoor monitor support video forms: MPEG2、MPEG4、H264, suffix name: M4V、MP4、AVI、VOB.

Music: Left side of play interface, play status and function buttons are on the list of files is on the right side of play interface.



Select the file (Press "√"), click " " on the right side, the indoor monitor will play the music file which is selected, click " " can stop the playing file, while playing, click " " can choose last one, click " " can choose next one, click " " can choose playback modes: random, order, single (related with playback modes).

Note: The indoor monitor support the music files whose suffix name is MP3, WAV.

Photo Album: Interface shows with thumbnail pictures



Click any one of thumbnail pictures can enlarge the picture.

Click " " can return to the previous interface.

Click " " can display the hidden thumbnail pictures on the right side.

Click " " can display the hidden thumbnail pictures on the left side.

Click the screen, toolbar appears, click " " can return to hidden thumbnail.

Click " " can display the next picture; click " " can display the last

picture. If not operate in 5s, it will full-screen auto-play picture files.

Note: The indoor monitor support the picture files whose suffix name are JPG、JPEG、JPE

5.7 Smart Home

Touch "Smart Home"



Select the scene you want by touching the icon:



5.8 Being Called

1 When the Gate Station or Sub Gate Station or Front Door Station is calling, the station rings and the screen shows the situation of the doorway. Snapshot every 5s when in snapshot mode. User presses " " to have a 2min's conversation with the visitor. Press " " to take a photo; press " " to

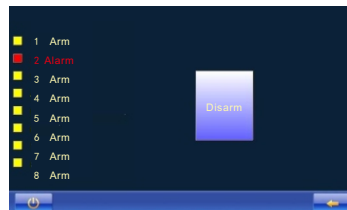
record a video until call end; Press " " to shut down the rings; Press " " to end the call; Press " " can switch to the divert on mode; Press " " while talking can release the lock.

2 When the Control Center is calling, the station rings and the screen turns on. Press " " to have 2min's conversation with theper-sonnel; Press " " to shut down the rings; Press " " to end the call.

3 When the other Indoor Monitor is calling, the station rings and the screen shows turns on. Press " " to have a 2min's conversation with the visitor; Press " " to shut down the rings; Press " " to end the call 1.

5.9 Alarm process:

When there is alarm happened, the door phone will alarm during setting time. LCD turns on and the status indicator will be red at the same time. The indicator of the alarm zone will be red, and it will shows the red fonts to prompt this alarm zone:



Tenants can check and remove alarm by door phones.

Press "disarm" on the arm interface, if it is fast mode, then do it by the fast mode; if it is separate control zone, then disarm by that.

1. Fire, Gas

If there dangerous, it will alarm under the "armed" state, and send the message to the Guard Center at the same time.

2.PIR,Door Contact.

After armed, if don't handle the alarm during the arm delay time; then start checking, if there is arm happened, if don't disarm within delay time, then it will send the information to the Guard Center.

3.Zone 5,Zone 6

It will check after armed, if there is dangerous, the site will alarm, if don't disarm within delay time, it will send the message to Guard Center.

4.Zone 7, Zone 8

It will check after armed, if there is dangerous, the site will alarm, it will send the message to Guard Center.

5.10 Alarm:

Press "🔔" or external alarm switch if you needed, it will alarm and send the message Guard Center.

5.11 Lift:

There are two ways for you to select. Press "🚪" under the "call" menu if the system is connecting the lift linkage.When the door phone has connected to the lift, or press"lift" directly.

5.12 Extension door phones

The system supports a Main Door Phone can link with 3 Sub Door Phones.

The NO. of the main door phone must be 01, and the Sub Door Phones are

02-04

- 1.No-disturb on/off, Divert on/off, you can set ringing time on any one of them.
- 2.Any one of the door phones can call or monitor separately.
- 3.All the phones can receive calls at one time. You can use and only use any one

of them to answer. The other three door phones can receive other calls at this time. In a word, three door phones can receive calls from three different ways.

4.Door phones can connect with each other: input R1 (stand for the main door phone)/R2/R3/R4+"#", can call the relevant door phone. For example, call 01 door phone, input"R1#".

5.The door phones which have snapshot function will capture the image and save it.

5.13 Others:

1. Door phones Alarm Sensor connection: door phone can connect eight groups Alarm Sensor. Some are NC(Detectors close if have no alarms, and open if alarms happen), some are NO(Detectors open if have no alarms, and close if alarms happen).when the way of alarm sensor is NO. should cascade a 2.2K resistance on the connection of alarm sensor. When the way of alarm sensor is NC, should connect a 2.2K resistance.You must choose right option according to specific condition when installing these socket; the socket which don't need to connect the Alarm Sensor should insert shock block,or it will alarm all the time; the pin block which need the alarm probe should unplug the short circuit block, or it will don't handle the alarm.There are open circuit and short circuit in the alarm sensors, But must be aware of the total current should not be over 400mA,you have to add another power supply if more than 400mA.

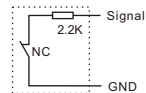


Figure 1

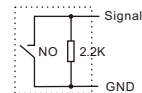


Figure 2



Figure 3

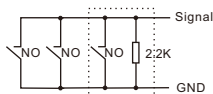


Figure 4



2. Indoor monitor provide 2 groups of 12V/0.5A voltage output. One is non-controlled output, provide power supply to alarm sensor. The other one is controlled output for smoke sensor. When there is a smoke alarm power will be cut off for 2s to reset the sensor.


3. When there is no power on the plug, the door phone cannot work normally, add a storage battery is suggested.

4. There are sockets for connect external alarm input, Alarm output often be connected with GND, if the alarm input disconnect to GND, the station alarm.

5. External calling bell is possible to connect with indoor monitor, press it and "Dingdong" sound will ring out three times.


6. If have new calls, indoor monitor will switch to the calling interface.

7. When 2 tenants intercommunicate with each other, one clicks , can turn on the local video and share it to the other tenant. Then click  will turn off video.

8. When 2 tenants intercommunicate with each other, user clicks  can record a video of the other one.

9. If SD card and USB device are unviable, must return to the previous menu and reenter.

10. Tenants can disarm the indoor monitors when unlock the door by password and IC card.

11. Press  for 3s and release, it will start the function of screen calibration

12. The icons in top right corner of monitor reflect its functional status, the icons will show if monitor network connection is stable, not disturb function opens, new unread message or recording voice, there is an alarm from arm zones if

alarm sensor is enabled.

13. There are a line of small icons in the main interface of indoor monitor when in specific mode. Click responding icons and enter the corresponding interface.

14. The status indicator light will be red when have new snapshot pictures or new messages.

15. This kind of indoor monitor can be connected with audio door phones.

When have new calls, it also can answer, intercom, hang up and send alarm information to guard center.

16. It can support 2 way of connection: One is normal switch which connects with power supply. The other is WRT-EX5P switch made by our company which can provide power supply to indoor monitor.

6 Specification

Voltage Input	+18VDC/+28VDC
Humidity	45%~95%
LCD	7.0"Color LCD
Sensitivity	≤20mV
Distortion	≤5%
Back Light	Build-in
Standby Current	≤250mA(LCD close)
Working Current	≤380mA
S/ N Ration	≥70dBA
Operating Temperature	-10° C~+55° C
Visual Angle	70/75/75/75
SD Card/USB Storage	Maximum32G
Power output	≥500mW
Number of Pixels	1024(H)×3(RGB)×600(V)
Screen Size	Diagonal17.5cm(7.0")
Monitoring time	30s
Communication time	Maximum120s
Network Port	Rj45
Way of Transmission	TCP/IP
Transfer Distance	Decoder or router with100m, add a fiber optical transceiver beyond 100m
External Dimensions	233×144×20mm

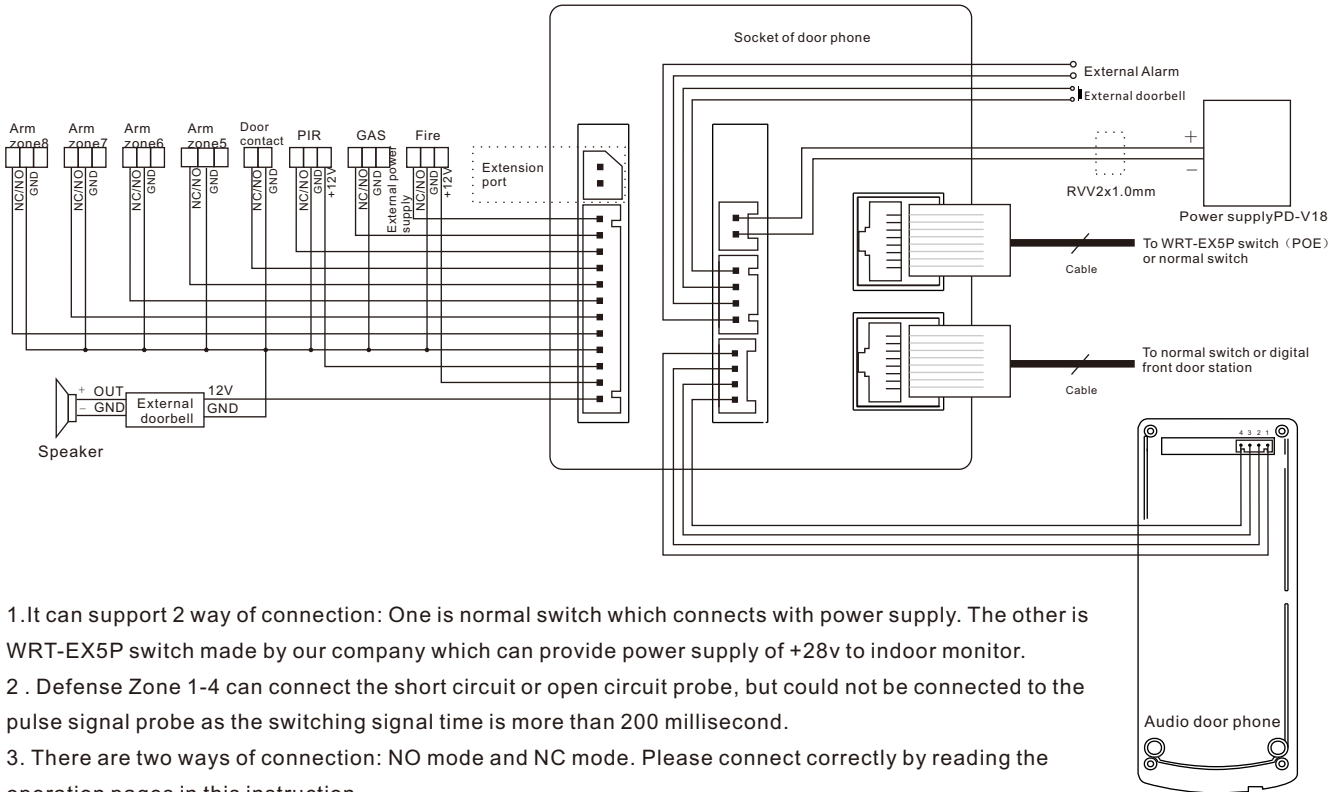
7 Terminal Description

TerminalMarks		Description
Socket of Power Supply Input	+18V	+18VDC Voltage Input
	GND	Ground Wire
Socket of External Alarm and Doorbell	External Doorbell	Manual Doorbell Button
	GND	Ground Wire
	GND	Ground Wire
	External Alarm	External Emergency Button
Socket of External Analogue door phone	MIC	Audio signal and unlock signal transferred to monitor speaker
	SPK	Audio signal and doorbell signal transferred to monitor handset
	BJ	Call and alarm port
	GND	Ground Wire
Socket of External Sensor and Alarm Signal Output	1	Fire Sensor switch signal input
	2	Gas Sensor switch signal input
	3	PIR Sensor switch signal input
	4	Magnetic Sensor switch signal input
	5~8	Costumed switch signal input
	GND	Ground Wire
	PIR	Door Phone supplies 12V/0.5A Voltage Input
	Smoke	Door Phone supplies 12V/0.5A Voltage Input
	Alarm Output	External Alarm
Extension port	Extension port	
POE Port	For data transmission or provide power supply to door phone when connected with WRT-EX5P	
POE Port	For data transmission or connected with digital front door station	

8 Trouble Shooting:

Description	Check	Solution
Door Phone does not work	Check the power supply wire and the indicator LED	Connect the wires correctly and restart the door phone after 30s
Door Phone can not call & alarm to Guard Center	Check connection of the network wire. Check the specification	Connect the network wire correctly and set the specification correctly
Door Phone does not ring when Gate Station call	Check the wire connection Check the volume Check if it is no-disturb mode	Connect the network wire correctly, reset the ring tones and quit the No- disturb mode
Door Phone shows no image	Check the specification of network	Reset all the IPs
Detectors can not alarm	Check the defense zones. Check the connection of the detectors	Connect all the sensors correctly and reset door phones
Door Phones can not call each other	Check if input correct number	Input the room numbers correctly

9 Wiring



1. It can support 2 way of connection: One is normal switch which connects with power supply. The other is WRT-EX5P switch made by our company which can provide power supply of +28v to indoor monitor.
2. Defense Zone 1-4 can connect the short circuit or open circuit probe, but could not be connected to the pulse signal probe as the switching signal time is more than 200 millisecond.
3. There are two ways of connection: NO mode and NC mode. Please connect correctly by reading the operation pages in this instruction.



SHENZHEN WRT INTELLIGENT ELECTRICAL APPLIANCE CO.,LTD

Add: WRT Industrial Base, Dafu Industrial Park, Guanguang Road,
Guanlan Town, Baoan District, Shenzhen City, Guangdong Province, China
Technology support: 400 700 8828 0755- 29576200
Fax: 0755-29576023 Http:// www.wrtsz.com
Web: Http://www.wrtsz.com