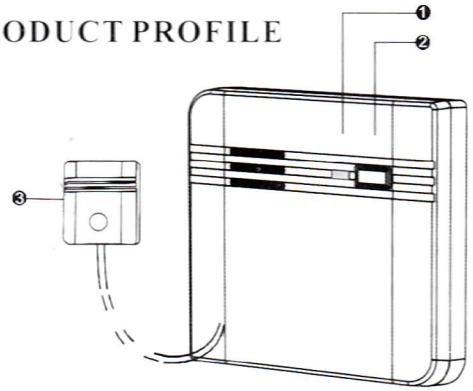
M405-3OVer1. 0

PRODUCT INTRODUCTION

This product is a water leakage detector, using the principle of electrode immersed resistor changes to detect water. The detector adopts MCU intelligent detection, rust-proof metal probe design with advantages of high accuracy and sensitivity, low power consumption, long-term stability and reliability, etc. It can be widely used in all water storage equipment, such as basement, water tank, machine room, water route, water tower, water cellar, pools, water room, solar energy and anywhere to detect water leakage area.

Three optional models: Independent/ Network/ Wireless.

PRODUCT PROFILE



❶ LED ❷ TEST Button

❸ Sensor (Built-in magnet has adsorbed function)

5-PIN connector instruction (Network type only)

Red: DC Power anode
Black: DC Power cathode
White: COM (relay)
Orange: N.O. (relay)
Yellow: N.C. (relay)

TECHNICAL SPECIFICATION

Type	Independent	Wireless	Network
Operating voltage	DC3V(2x1.5V AA Alkaline Batteries)		DC9-24V
Static current	≤10uA	≤10uA	≤22mA
Alarm current	≤40mA	≤50mA	≤130mA
RF Distance		>150M	
Alarm indicator	Red LED and buzzer sounding		
Fault indicator	Yellow LED		
Alarm output	N/A	1527/433MHz	Relay (NC/NO)
Working Temp.	0-60℃		
Humidity	0-80%RH (no congelation)		
Sound level	≥85dB/3M		
Hush time	10 minutes		
Installation	wall mounted or board installed		
Dimension	89*89*28mm(bracket not included)		

FEATURES

- Rust-proof Metal Probe, Long Service Life
- Sound and Flash Alarm
- Low Power Consumption Design
- Test and Hush Button
- Low Battery Warning
- MCU Processing, Resist False Alarm Efficiently
- SMT Manufacture Technology, Good Stability
- "Heartbeat" Timing Function

INSTALLATION NOTICE

1. Install the detector where the water is likely to leak.
2. Do not locate the detector in cabinet and other places where the alarm sound can not came out easily.
3. Do not install it at the area with rain, oil smoke and steam of cooking range .
4. Do not install the detector with submersed water.

INSTALLATION STEPS

1. Attach the mounting bracket on the wall or board firmly with screws.
2. Mount the rest of the detector into the bracket.
3. Put the probe in the floor where the water is likely to leak. Or use the sensor magnetic adsorption where required detects water.
4. Connect the alarm to the power.

OPERATING PRINCIPLE

1. Insert 2pcs 1.5V AA batteries into the battery cabinet (independent or wireless type). Connect DC9-24V power to 5-pin connector (network type). While the connected DC power or battery voltage is more than 2.4V, the green LED flashes once with buzzer sounding. While the voltage is less than 2.4V, the yellow LED flashes rapidly for 3 times with buzzer sounding. Then the detector comes into normal working status.
2. The green LED long lighting under DC power supply. While the operated with batteries, the green LED flashes once every 25 seconds to indicate the normal power supply.
3. Routinely long press the TEST/HUSH button (>2seconds) for testing to make sure the detector works properly. The red & green LED flashes alternately after 2 seconds with buzzer sounding every 3 sounds paused until release the button. Moreover, the relay works (network type) and send out wireless alarm signal (wireless type) on testing.
4. Once the sensor detects leakage water, the red LED flashes rapidly with buzzer sounding every 3 sounds paused to warn the users. Moreover, the relay works and output alarm signal (network type); it will send out wireless alarm signal (wireless type) on alarming.

5. During alarming status, long or short press the TEST/HUSH button to enters into mute status. The red & green LED flashes alternately once every 1 second, the buzzer stop sounding, relay or RF model shut off; The mute status will end automatically in 10 minutes later. If still detects leakage after 10 minutes, the detector will alarm again to warn users.
6. Short press the TEST/HUSH button on normal state to enter into mute status. The buzzer sounds 'Di' once and green LED flashes every 1 second. While has leakage water, the red & green LED flashes alternately once every 1 second, but without any alarm signal, such as sound, relay or RF Users can mop floor or wash pool on mute status. Re-press TEST/HUSH button to end up the mute status.
7. Under alarming status, no matter long or short press the button, it will goes into mute status. On alarming and mute status, it will cancel mute after long or short pressed the button.
8. The battery voltage will be down during usage process. When the battery voltage <2.4V, the detector will give out low battery signal. The yellow LED flashes once every 50 seconds with the buzzer sounding.
9. The detector will stop alarm automatically and reset to normal working status after the leakage handled properly.
10. The detector can load up "Heartbeat" to confirm the detector on line or off line. The "heartbeat" time can set to 2 hours or 4 hours by setting the "UPDATA" jumper.

INDICATIONS SUMMARY

Indication	Analysis
Green LED flashes once with buzzer sounding	The battery (>2.4V) or DC power supply
Yellow LED flashes rapidly for 3 times with buzzer sounding	The battery (<2.4V) power supply
Green LED flashes constantly	Normal, DC power supply
Green LED flashes every 25s	Normal, battery power supply
Red and green LED flashes alternately with buzzer sounding every 3 sounds paused	Testing state, release the button to exit
Red LED flashes with buzzer sounding every 3 sounds paused	Alarming state, detects water or touch conductive objects
Red and green LED flashes alternately once every 1 second without buzzer sounding	Alarming mute state, long/ short press TEST/HUSH button to cancel mute state
Green LED flashes once every second without buzzer sounding	Normal mute state, short press TEST/HUSH button to cancel mute state
Yellow LED flashes once every 50s with the buzzer sounding	Low battery warning, the voltage <2.4V, the battery should be replaced

EMERGENCY ALARM TREATMENTS

Treatments for water leakage alarm:

1. Shut of water valves.
2. Drain away the water and overhaul the tubes to reduce the economic losses and water wastes caused by leakage water.

NOTES

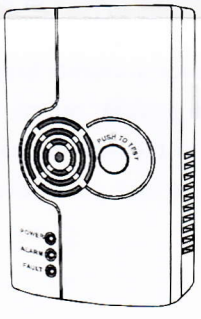
1. When the sensor detects water leakage and the detector still sit on alarming state after drain away the water. It may the water residue of probe inside or surface. Dry the water residue on surface with towel to check whether the detector recovers to normal working status. If still on alarming state, take the sensor off and shake the residue water out, dry the surface with towel and installing then.
2. Replace the battery timely on low battery warning to ensure the detector works properly,
3. Do not store any other subjects on the surface of detector, as this may effect the indication and sounding.
4. Test the detector routinely to ensure proper operation. Clean the surface with soft towel regularly.
5. Read carefully and install correctly as required in this manual. In case the product is failure, do NOT try to fix it by yourself. Contact with your dealer for replacement.

M303-8OVer1. 0

PRODUCT INTRODUCTION

The product is an indoor combustible gas detector with high stability, used for combustion gas leak detection. It uses highly stable semiconductor gas sensor with features of stable performance and low drift of sensitivity. When it senses combustion gas leak that reaches the alarm level, it will gives out alarm sound with red LED flashing. The detector is applied in indoor areas where combustion gas leaks may happen.

PRODUCT FACE



PRODUCT FEATURES

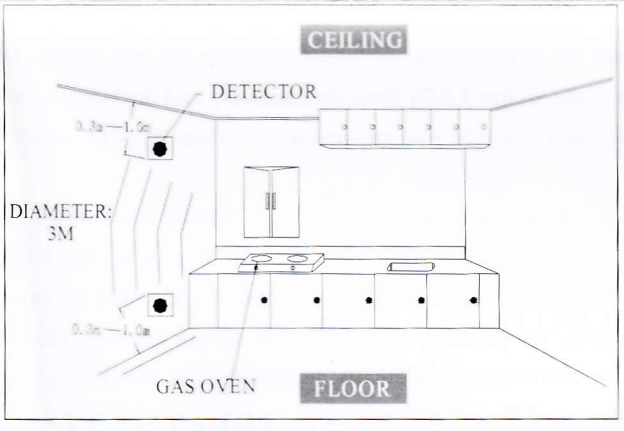
- Detect Natural Gas / LPG
- Wall Mounted
- High Reliability Semiconductor Sensor
- Manual Test Button
- MCU Processing
- Auto Reset After Gas Clears
- Auto-Check Sensor Failure
- Wireless Alarm Signal Transmission
- SMT Manufacture Technology, High Stability
- "Heartbeat" Timing Function

TECHNICAL SPECIFICATION

Operating Voltage	AC 220V
Working Environment	Temperature range: -10°C ~ +55°C Humidity range: 10%~95%RH
Storage Temp.	-25°C ~ +55°C
Alarm Level	6%LEL of Natural Gas
Error	±3%LEL of Natural Gas
Sensor	Highly stable semiconductor sensor
Alarm Reset	Automatic reset when leaked gas level belows the alarm level
Sound Level	75dB/m
Alarm Output	Wireless alarm signal 433MHz
Code Form	1527 coding
Detecting Distance	100m (open area)
Indicator	AC Power: Power LED constant green Alarm: Alarm LED flashing red rapidly Sensor Failure: Fault LED constant yellow
Dimension	110*70*40mm

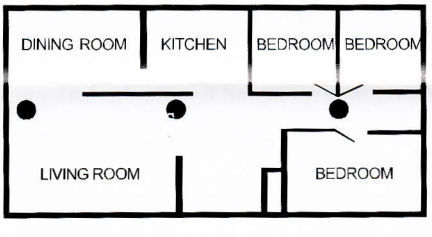
INSTALLATION

1. First please confirm if your gas is heavier than air, or lighter than air. Heavier gases: LPG etc; Lighter gases: natural gas, marsh gas etc.
2. Choose a suitable position to install the detector according to the gas specific gravity. For detecting heavier gases, installation height: 0.3-1.0m from floor, within the radius of 1.5m from gas source. For detecting lighter gases, installation height: 0.3-1.0m from ceiling, within the radius of 1.5m from gas source (refer to the following image).



3. Fix the attached installing base into a wall firmly with screws and hang the detector .
4. When installing at home, keep the detector away from gas cookers to avoid being roasted by flame. Do not install the detector in places with heavy smoke and oil which may cause false alarms or block the gas convection holes of the detector, which affects the detector sensing sensitivity. Also do not install it near to exhaust fans, windows, doors, and places with heavy vapor in bathroom.
5. Correctly connect the wires. All wiring and installation must accord with the National and Local effective laws and criteria. Improper connection will cause the detector not alarm on gas leaking.

INSTALLATION GUIDE LAYOUT



OPERATING INSTRUCTION

1. The detector will work just simply by plug-in.
2. After plug-in, the power LED constant on green. With a "Di" sound from buzzer, the detector enters into warming up state. Red and yellow LEDs flash alternatively. 3 minutes later, the LEDs go out and the detector goes into normal working state. Testing with gas is forbidden during warming up.

3. When a combustible gas leak happened and reached the given alarm level, the alarm LED will flash red and the buzzer will give out "Di...Di..." alarm sounds. Meanwhile, the detector will send out wireless alarm signal.
4. The detector checks sensor failure automatically during working. For sensor failure, the Fault LED on yellow constantly along with buzzer sounding. For this situation, unplug the detector and contact your vendor. Do not take apart the detector or try to repair it by yourself.

TESTING

1. The detector has a self-test button for checking if the LEDs and the buzzer work normally. Pressing the test button, the red and yellow LEDs flash alternatively and the buzzer gives out alarm sound and meanwhile the detector will sent out wireless alarm signal.
2. It is forbidden to test with a lighter directly towards the gas convection holes. This may cause damage to the inside sensor. Instead, gather the gas from a lighter into an empty plastic bottle and point the bottle mouth towards the gas convection holes to release the gathered gas for testing.

FAILURE ANALYSIS & TREATMENTS

Failure	Cause analysis	Treatments
keep warming up after plug-in (LED flashing constantly)	1. not power on for a long time 2. test with gas in warm-up	1. run aging test for at least 24 hours 2. do not test with gas in warm-up
yellow LED on and buzzer long beeps	sensor failure	contact your vendor

EMERGENCY ALARM TREATMENT

When the natural gas level in air around the detector reaches or exceeds the given alarm level, the detector will automatically enters into alarm state. Below treatments are advised:

1. Close the gas tube valve right away.
2. Do not plug or unplug electrical appliances.
3. Open windows to circulate air.
4. Inspect the gas leak reason and notify the related department or professionals to inspect and handle the leakage. If it turns out to be a false alarm, check if the installing position is improper.

WARNING!

1. The product is a combustible gas detector. Can not be used to detect toxic gases such as carbon monoxide.
2. Make sure proper wiring and power supply are applied. Without normal power supply, the detector will fail to work.
3. At working time, mild heat-up in housing surface is normal.
4. Maintain the detector periodically as required in this manual.
5. Use cleaner to vacuum the dust in surface every month.
6. Do not use any detergents or solvents to clean the detector. Chemicals may cause permanent damage or transient pollution to the sensor.
7. Avoid spraying air fresheners, hair gels, paints or other aerosols near the detector.
8. Test the detector by a professional every year to assure the detector sensitivity. If the detector fails to work properly, repair or replace it asap.
9. The service life of the detector semiconductor gas sensor is 5 years. Replace the detector immediately when the service life expires.
10. The detector can reduce accidents happening, but can not guarantee a hundred percent safety. For your security, besides proper usage of the detector, pay attention to build up safety conscious and take preventive measures in daily life.

MANUAL FOR WIRELESS PASSIVE INFRARED DETECTOR

M119-2OVer1.1

PRODUCT INTRODUCTION

The product is a wireless passive infrared detector with high stability. It adopts advanced technology in signal processing and provides superhigh detection ability and anti fault alarm ability. The detector will detect movement of human automatically when intruder pass through the detected area, and it will send alarm signal to alarm host if there is movement. The product is designed suitable for the safety of residential house, villas, factories, markets, warehouses, office building etc usage.

PRODUCT PROFILE

MAIN FEATURE

- ASIC Adopted
- Auto temperature compensation
- Send alarm signal by RF
- No wiring, easy installation
- Low battery indication
- SMT design adopted
- "Heartbeat" Timing Function

TECHNICAL SPECIFICATION

Operating voltage:DC 3V (2 *1.5V AAA battery)

Static current: ≤15uA

Alarm current: ≤14mA

Detecting distance: 9~12m

Detecting angle: 110°

Code form: 1527

Radio frequency: 433MHz

Radio distance: 150m (open area)

Low battery indicator: Orange LED flash twice

Alarm indicator: red LED light 2 second

Range of coverage: 11 distance, 8 middle, 5 vicinities

Sensor: dual element infrared sensor

Operating temperature: -10℃ ~+50℃

Environment humidity: ≤ 95% RH (no congelation)

Anti RF interference: 10MHz—1GHz 20V/m

Installation mode: wall mounted or hanged in corner

Installation height: 1.7 to 2.5m (2.2m is Proposed)

Outline Size: 107*57.4*37mm

INSTALLATION

1. Installing at the out door, place with pets, air-condition nearby, direct sunshine, heat source and under the rotating objects should be avoided.
2. Surface of installation should be firm with no vibration.
3. Installing the detector in the place where intruder pass easily.
4. Fixing bracket on the wall by screw.
5. Hang the detector, it will work normally after turning on the power switch.

OPERATING INSTRUCTION

Function Setting

1. Delay Jumper: used to set alarm delay time. includes three modes:

1.1 short 1&2(test mode): Used for product testing. In this mode, once the alarm is triggered, it could not be triggered again until 5S later.

1.2 short 2&3(normal mode):Used for product normal use. In this mode, once the alarm is triggered, it could not be triggered again until 5 minutes later.

1.3 short none(work mode):Used for place there are many moving people, such as office. In this mode, once the alarm is triggered, it could not be triggered again unless it does receive any trigger signal from body in the following 5 minutes.

2. UPDATA Jumper: used to set upload time. it can be set 2 hours or 4 hours.
3. LED Jumper: for setting LED ON or OFF without effect of the detector work. LED can be shut for concealment of the detector after test.
4. PULSE Jumper: set the number of pulse. it can be set to 2P mode to void false alarm.
4. Tamper Detect Button: moving the detector from the installing support will trigger the detector ,
5. Low battery LED: Low battery indicator, when the Orange LED flash twice quickly, please change the batteries in time.

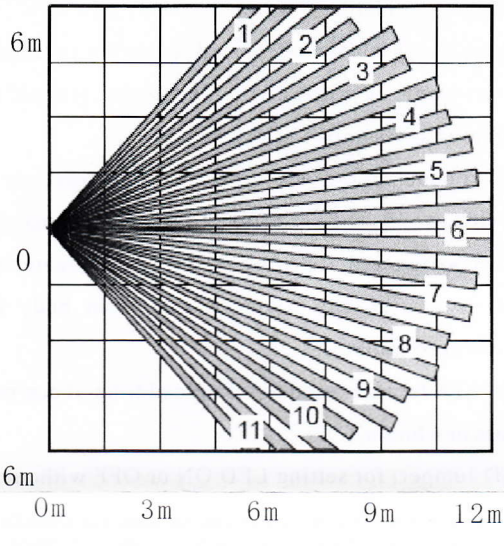
Product Testing

Turning on power and LED indicator will be flashed for 2s, the detector comes into state of perheat, it takes about 30s, after that it is in the state of normal work. Conner should walk parallel with the wall installed detector in the testing area. LED lighting means the detector is in the state of alarm.

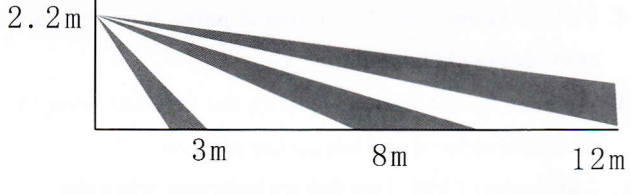
NOTICE

1. Please install and use the detector according to this manual, don't touch the surface of sensor for avoiding affecting the sensitivity of the detector. Please shut off power and then clean the sensor by soft cloth with little alcohol if cleaning needed.
2. The product can reduce accident but may not perform as expected. The user is advised to take all necessary precautions for his/her safety and the protection of his/her property.
3. In order to ensure it can work normally, the power should be kept to supply and get on walking test periodically, once a week is better.

Detecting Area View



Planform



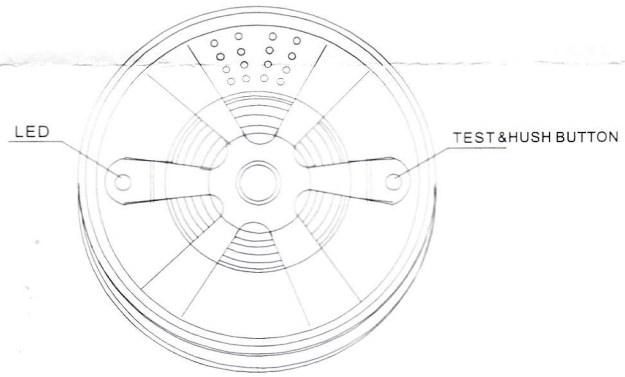
Side View

MANUAL FOR PHOTOELECTRONIC SMOKE DETECTOR

PRODUCT INTRODUCTION

This product is called photoelectric smoke detector(hereinafter called detector) it has the features of dust-proof, moth-proof and anti-interference from outside light,all for the stability of the product, especially for detecting smoldering or burning object. The detector is suitable for detecting the smoke in house, shop, hotel, restaurant, office building, school, bank, library, computer house and storehouse, etc.

PRODUCT PROFILE



PRODUCT WORKING PRINCIPLE

The detector adopts the reflection principle of smoke particles that can reflect infrared light. The main circuit includes a MCU processing section, an infrared-emitting portion and an infrared receiving portion. Transmitting and receiving diodes are placed in the optical chamber which can shield stray light from outside interference, but does not affect the smoke getting into the detector. Usually when in a smoke-free environment, infrared signal is very weak. When smoke enters the optical chamber,due to scattering effect, the infrared signal increases. When the smoke concentration accumulated reaches to the MCU alarm level, the detector will flash warning lights and warning alarm,meanwhile sending alarm signal to trigger other devices which connected to it.

PRODUCT FEATURE

- MCU Automatic processing technology
- Manual test
- Automatic reset
- Mute button
- Automatic detection
- Infrared photoelectric sensor
- Sound-light alarm
- SMT design,high stability
- Dust-proof,Insect-proof,Anti-visible light

TECHNOLOGY PARAMETER

Operating Voltage : 9V 6F22 battery or DC12V
Static Current : ≤15uA
Alarm Current : ≤56mA
Battery life : About 1 year
Power Indicator : red LED
Alarm Indication : red LED fast blink
Level of Sound :≥85dB/m
Operating temperature : -10℃~ +50℃
Operating Humidity : ≤ 95 %RH
Alarm Output : sound & flash alarm
relay output(wired output)
Wireless output 315MHz or 433MHz
Emission distance: 100m(open area)
Size : Φ106 mm x 59mm
Execute Criterion: EN14604
Detectin garea:40square meters when installation height between 6 to 12 meters.
20square meters when installation height within 6 meters.

INSTALL AND TEST

1. Avoiding installing in a place that is stagnant smoke, dust, heavy fog, heavy mist, humidity >95% and wind speed >5 m/s.
2. Install the battery into the battery slot. Select an appropriate location. Typically, it is recommended to install it at the ceiling in the center of the testing area.Fix the detector based to the selected location, and screw the detector on the base.

INSTRUCTIONS FOR USE

1. Connect the battery and put it into battery slot or connect with DC12V, cable color: red"+" , black"-", yellow and white for relay output. LED will flash once and send out a"Di" sound.
2. Detector will get into normal working state after connecting battery power.LED will flash once per every 42 seconds.
3. Sensitivity test
   Taking periodic testing of the sensor to ensure working properly. Recommending once a month. Long press the test and hush button more than 3 seconds to enter the detector test status. If the alarm LED flashes rapidly and the buzzer "Di" means the detector working properly.
4. Alarm and mute
   When the detector is alarming and flashing,press down the test and hush button, the detector will be mute, the buzzer will stop sounding and the LED will continue fast blinking. It will last 10 minutes. If the smoke concentraton continue to rise, it will be failed though you press down the test and hush button again. If the smoke concentraton decreases below down the alert value, the detector will auto-exit the mode ofmute and be back to the normal condition.
5. Network signal test
   Long press down the test and hush button over 3 seconds, in this state,the detector will sent a signal to the host.
6. Low battery voltage
   When the buzzer make a "Di" every 42 seconds, the LED have a flashing at the same time, it means the battery voltage is low, pls change the battery. Otherwise, it will affect the proper functioning.
7. Failure testing
   When the buzzer make a "Di--Di" every 42 seconds, the LED flashes taice at the same time, it means the detector is a defective product, please contact the dealer.

NOTICE

1. Sensitivity testing is recommended once a month to ensure the detector in a normal working condition .
2. Cleaning the dust around the chamber with a soft brush every six months to ensure the detection's sensitivity, cut off the power when cleaning.
3. Taking out the battery if no use for a long time.
4. Detector can reduce the rate of the disaster, but not 100%.In the consideration of safety, please using the detector correctly and increasing the vigilance , safety awareness and taking protective measures.

Tips:

Please read through this user manual before installation so as to operate properly.

Please keep well of the user manual for further reference.

Please get around understanding of this manual for properly operation.

Contents

Foreword

Dear users:

Thanks for selecting Vcare WiFi and GSM securiy system. The system adapts WiFi and GSM dual network to transmit alarm message. It pushes the alarm message to users' smart phone App when alarming. Meanwhile, it's able to send SMS and make phone calls. By using dual network, it is more stable, safer and faster. Also users could remote control the alarm panel and open IP camera monitoring on site.

For more convenient using, please follow the steps on this user manual. Please feel free to contact us if you have any questions or problems while using, we are much pleased to be on your service.

Features

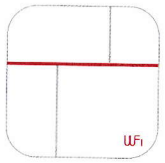
★ Adapting WiFi & GSM network, enable to be controlled by iOS and Android APP.
★ Support 1 Householder, 99 users.
★ Adding sensors by scanning QR code.
★ Support 4 HD IP cameras, live video communication.
★ 24 hours monitoring temperature and humidity, enable to preset alarm value.
★ Auto detect WiFi & GSM signal status.
★ 24 hours detecting doors/windows closed or not.
★ Low battery alert for sensors, auto detect whether sensors connected alarm panel or not.
★ Monitoring AC power, failure or recovery status.
★ All the operation logs can be checked on Vcare App.
★ One-key SOS alarm on App, auto record 6 seconds video and push the location map to inform family members.
★ Siren prompt and SMS prompt when arm/disarm by remote controller.
★ Setup siren alert time (0~254 seconds for optional).
★ Delay alarm/arm/disarm functions(0~60 seconds for optional).
★ Six languages and voice prompt(English,Russian,German,Spanish,French and Chinese).
★ Support 99 normal sensors, 20 remote controls,8 fire alarm sensors,8 panic buttons,8 emergency buttons,4 water leakage detectors,2 wired zones.
★ Support wireless strobe siren and 2 routes home appliance control switch.

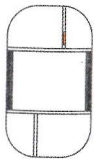
GSM Mode:

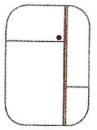
★ When WiFi network failure, auto switch to GSM network.
★ 3 SMS alarm numbers and 3 alarm call numbers.
★ Support two-way communication, arm or disarm on phone keypad.
★ Recorded voice for 10 seconds.

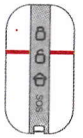
1. Package List

1.1 Vcare Kit A


Alarm Panel*1


PIR Detector*1


Door Sensor*1


Remote Controller*2

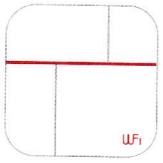

Medical Button*1

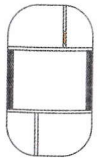
Other accessories:

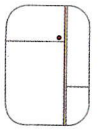
Power adapter*1,alarm panel mounting bracket*1,PIR mounting bracket*1 door sensor double-sided adhesive*1,user manual*1.

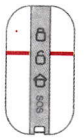
Notice: The version is dual network of WiFi+GSM.

1.2 Vcare Kit B


Alarm panel*1

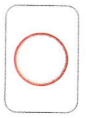

PIR detector*1


Door sensor*1


Remote controller*2


Medical button*1


HD IP Camera *1

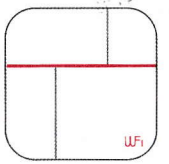

SOS Button*1

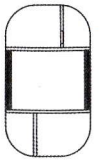
Other accessories:

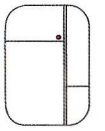
Power adapter*2, panel mounting bracket*1, PIR sensor mounting bracket*1, IP camera mounting bracket*1, double-sided adhesive*1,wearable cable*1,user manual*1

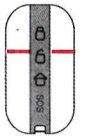
Notice: The version is dual network of WiFi +GSM.

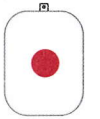
1.3 Vcare Kit C


Alarm Panel*1


PIR Detector*1

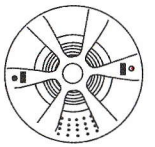

Door Sensor*1

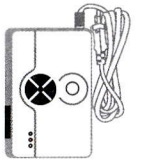

Remote Controller*2

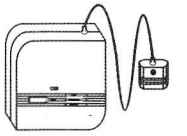

Medical Button*1


SOS Button*1


HD IP Camera *1


Smoke Detector*1


Gas Detector*1

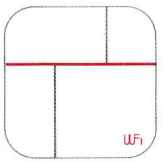

Water Leakage Detector*1

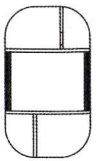
Others accessories:

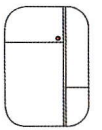
Power adapter*2,alarm panel mounting bracket*1,motion detector mounting bracket*1, IP Camera mounting bracket*1,Door sensor double-sided adhesive*1, wearable cable*1 manual*1

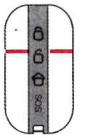
Notice: The version is dual network of WiFi +GSM.

1.4 Vcare Kit D


Alarm Panel*1


PIR Detector*1


Door Sensor*1


Remote Controller*2


Medical Button*1

Others accessories:

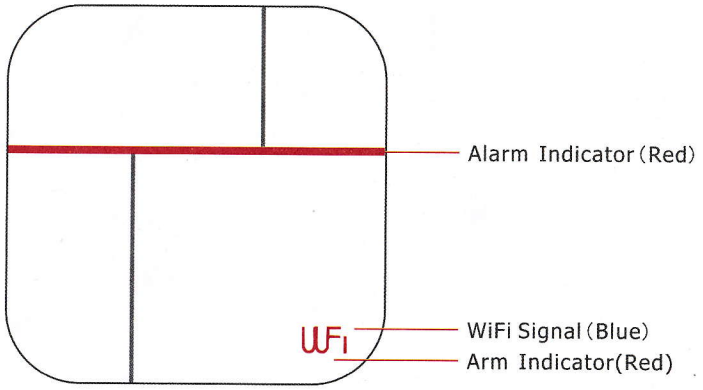
Power adapter*1,alarm panel mounting bracket*1,PIR mounting bracket*1,Door sensor double-sided adhesive*1,user manual*1.

Notice: The version is WiFi network only.

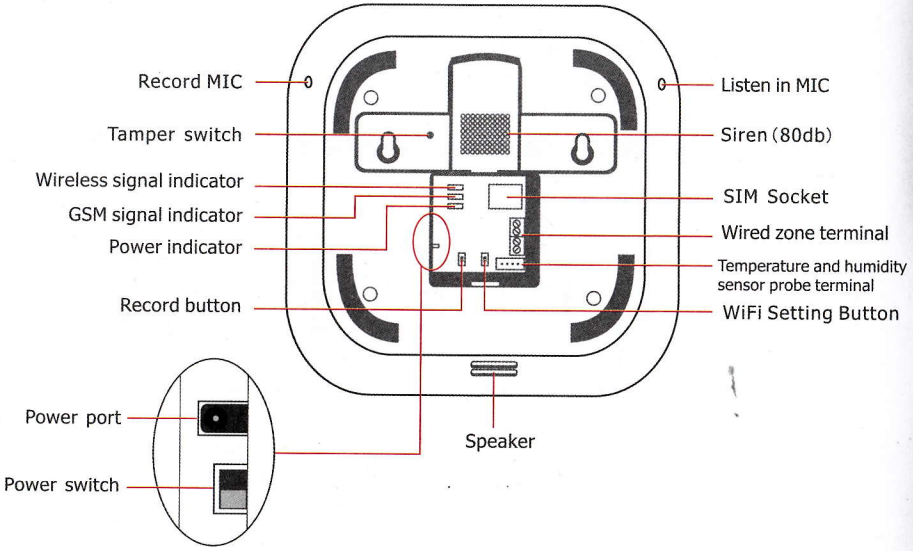
2.Preparation before using

2.1 Alarm Panel and Sensors

2.1.1 Control Panel: Front



2.1.2 Control Panel:Back

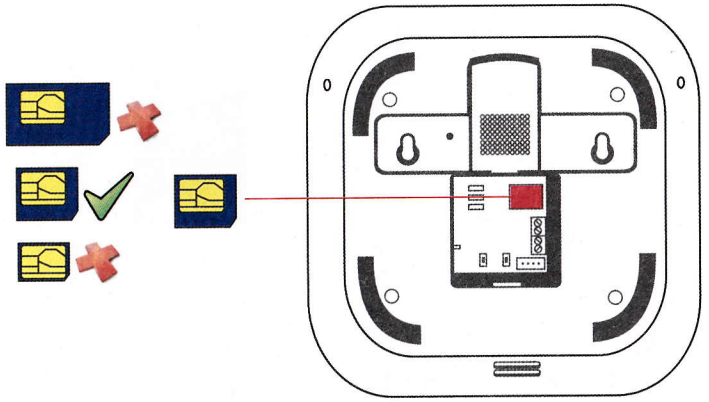


2.2 Insert SIM Card

This system is WiFi & GSM intelligent security system, Once alarm occurs, the host will push alarm message to the users via WiFi. If the WiFi network failure, the alarm panel will automatically switch to the GSM network, sending SMS and making calls to alert users for alarming. Hence, we recommend you to insert SIM card inside.

1.Select the appropriate SIM card.

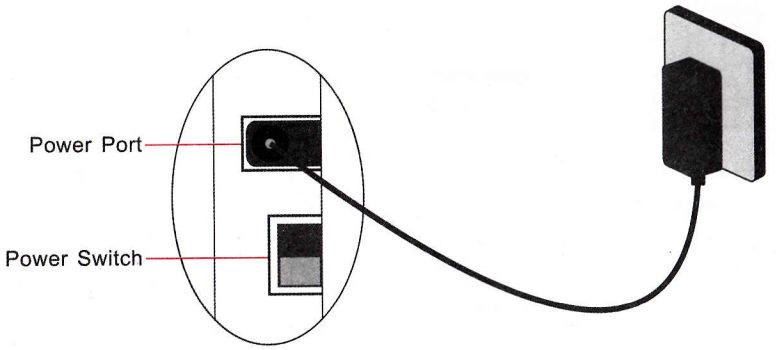
2.SIM card is inserted into the host's SIM port.



2.3 Plug Power & Turn On System

1.Plug power adapter to power port.

2. Push power switch from OFF to ON for turning on the system.



3. Adding Users Via APP

3.1 APP Download and Installation

Scan the QR code, download Vcare APP to your smart mobile system (iOS or Android System) and install it.

Method 1: Scan QR code with Android Phone

Method 2: Download Vcare App from Google Play Store with keyword "Vcare"

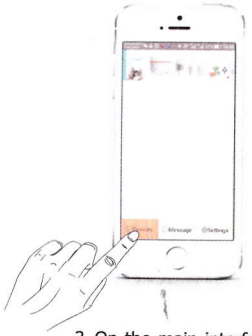
3.2 Add Users

Adding Vcare APP to your mobile, it allows 1 householder, 99 users.

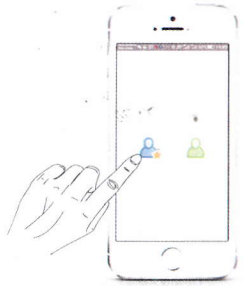
3.2.1 First, add 1 user as householder, please do it as following steps.

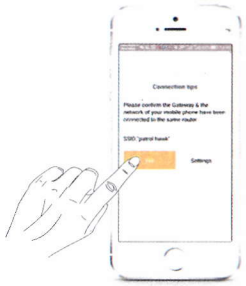
1. Click to open Vcare APP on your mobile

2.After the welcome interface, then entry into emergency call interface, click " > " on the right side, get into the main interface.



3. On the main interface, click "Devices"

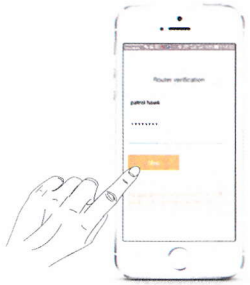




4. Click "Householder"

5. Make sure the WiFi network which you want to connect Vcare panel and the WiFi network your current mobile phone connecting are in the same router, please click "Yes" to finish connection.

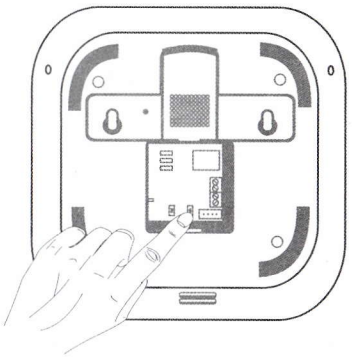
6. If not, please click the "settings", then choose the correct WiFi network, reconnect it and then click "Yes".



7. Enter WiFi password.

8. Quick press the "WiFi Setting Button" on the back of the Vcare panel. (As shown in the picture on the right.)

9. After heard "beep" sound from the host, click "Start" on APP to configure, also you can see the progress bar of the configuration.



10. Enter "6 Digit Password of Vcare panel", and then click OK (Note: Default password is "123456").

11. Make a personalized name as you like for Vcare and click "Finish".

12. Well Done.

3.2.2 Add users, please refer to the following pictures step by step. (Note: It can add up to 99 users, the user can not set the parameters of the host, but the other functions are same as householder.)

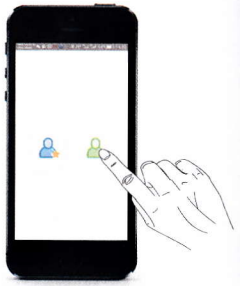
1. Click "Admin User" enter into Management interface.

2. Click "Members".

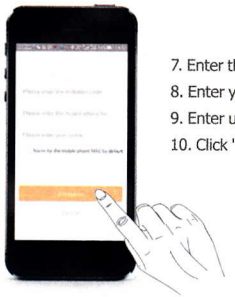
3. Click "Invite"

4. Send invite code by SMS to the family members you want to add them in Vcare.

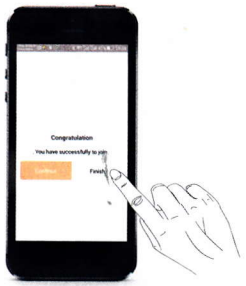
5. Open your family member's phone, then enter the main interface, click "Devices"



6. After entering adding users interface, click on the "Users".



7. Enter the received invitation code.
8. Enter your mobile phone number.
9. Enter user name, for example"Jason"
10. Click "Acception".

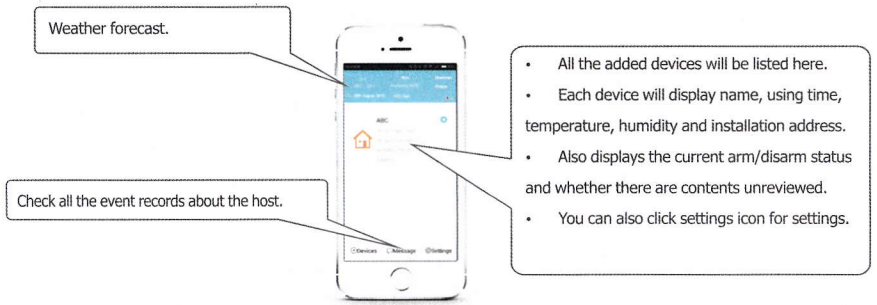


11. Complete, Click "Finish".

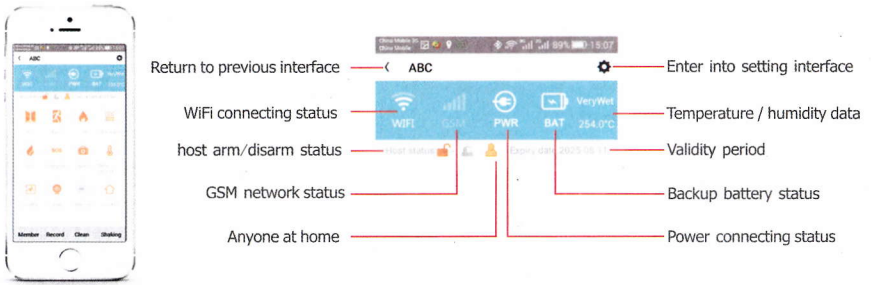
4. APP Interface & Features.

4.1 Emergency Call Interface

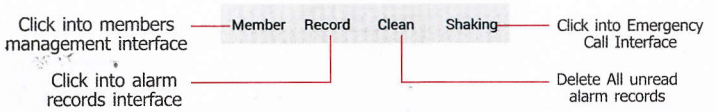
4.2 Main Interface



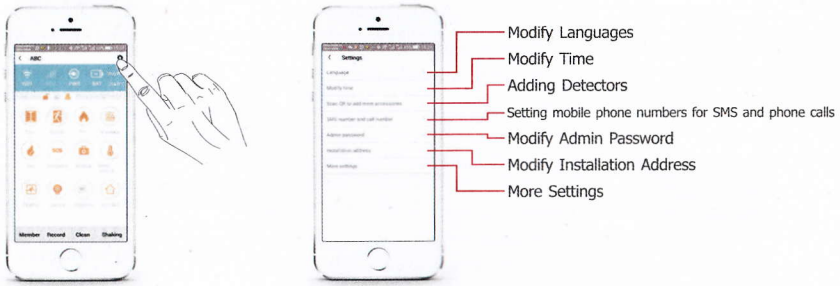
4.3 Admin Management Interface



	Door/Window Sensor	Door/Window Open	Door/Window Closed	Door/Window Sensor disconnect	Door Sensor Low Battery
	PIR Motion Sensor	Somebody In	PIR Detector Disconnected	PIR Detector Low Battery	
	Smoke Detector	Fire Alert	Smoke Detector Disconnected	Low Battery Alert	
	Water Leakage Detector	Water leakage Alert	Water Sensor Disconnected	Low Battery Alert	
	Gas Detector	Gas Leakage Alert	Gas Detector Disconnected		
SOS	Emergency Button	SOS Emergency Call Alert	SOS Emergency Button Disconnected		
	Medical Call Button	Medical Call Alert	Medical Call Button Disconnected		
	More Detectors	Detectors Alert	Detectors Disconnected	Detectors Low Battery	
	IP Camera				
	Smart Control				
	Intercom				
	Health Monitoring				



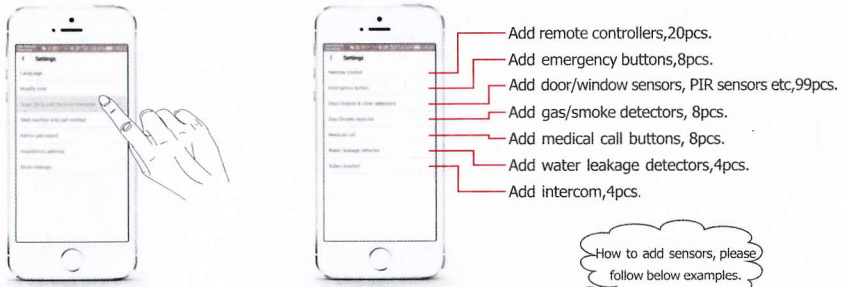
4.4 Setting Interface



4.4.1 Modify languages: Support Chinese, English, Russian, French, German, Spanish. After modified, pushing message will use that language; (Note: Command according to APP prompts)

4.4.2 Modify System Time: Recommend users reset time for new host. (Note: Command according to APP prompts)

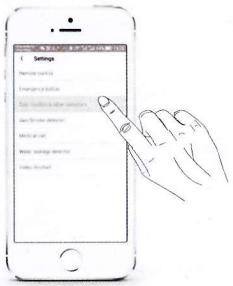
4.4.3 Adding Wireless Accessories: You can add all kinds of intrusion detectors and emergency detectors, for details refer to the following description.



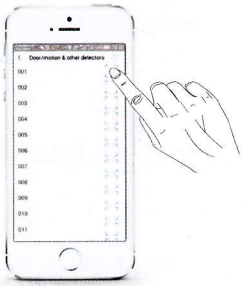
1. Click "Wireless sensors" into adding sensors interface

2. Adding wireless sensors interface

Example: Add and delete door/window sensor

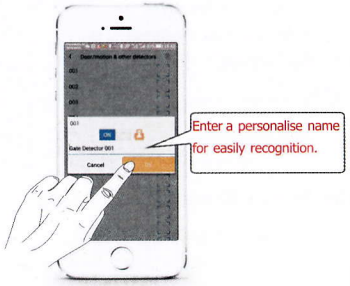


1.Click to enter into the interface of adding door/window sensor.

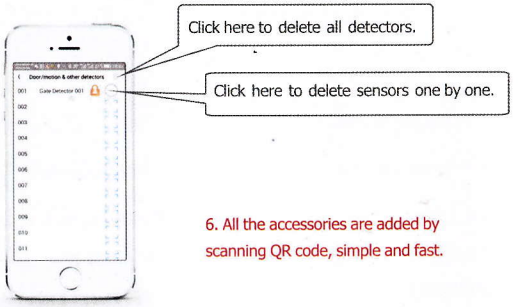


2. Click the scan detection.

3. Scan QR code on the back of the sensors.



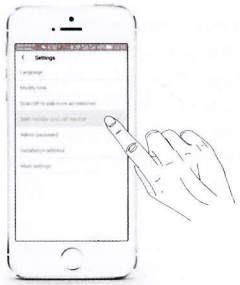
4. Click ok, App will automatically recognize the door/window sensor.



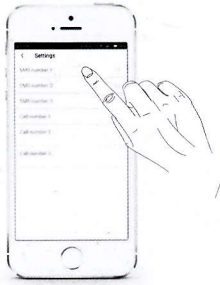
5. Adding successfully.

6. All the accessories are added by scanning QR code, simple and fast.

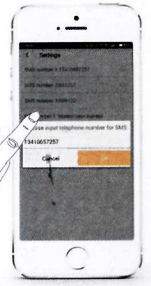
4.4.4 Set phone number for SMS message and phone call. (Note: this function are special for GSM edition. While WiFi network is not working, it will automatically switch to GSM network.)



1. Click into SMS and phone call numbers setting interface.



2. Click to set numbers, can setup 3 SMS and 3 phone call numbers.



3. After setting phone numbers, click "ok" to finish settings.

4.4.5 Modify admin password. (Note: please refer to step 4.4, according to App prompts.)

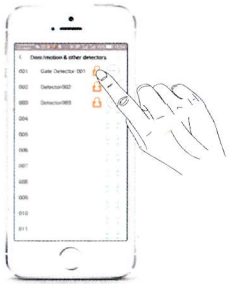
4.4.6 Modify installation address. (Note: please refer to step 4.4,according to App prompts)

4.4.7 More settings.

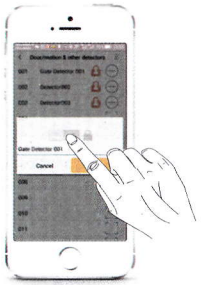
Items	Functions
WiFi network breakdown alert	If WiFi network breakdown, host will push alert message.
GSM network breakdown alert	If GSM network breakdown, App will push alert message.
Door/window not closed alert	When arming, App will push alert message if door/window isn't closed properly.
Accessories low battery alert	If accessories in low battery, APP will push alert message.
Power breakdown alarm	If power breakdown or out of power, App will push alert message.
Arm/disarm SMS alert	When arm or disarm the panel, whether sending SMS alert.
Siren prompt when arm/disarm by remote controllers	When arm or disarm by remote controllers, whether need siren prompt.
The volume of internal siren	The Siren volume can be adjusted,High/Medium/Low for optional.
Delay arming time (s)	The arming delay time can be chose from 0~99 seconds, default is 30s.
Delay alarm time (s)	Delay alarm time could be chose from 0~99 seconds, default is 0s.
Delay disarm time (s)	Delay disarm time could be chose from 0~99 seconds, default is 0s.
Siren alert time (s)	Siren alert time could be chose from silent or 0~254s/keep alerting. Default is 90s.
Timing arm	Three group of timing arm can be setup.
Timing disarm	Three group of timing disarm can be setup.
Timing stay arm	Three group of timing stay arm (home stay) can be setup.
NC/NO alarm for wired zones	The alarm mode for wired zones: NC or NO, default is NC.
GSM network alarm	GSM Alarm function could be chose from Closed/Open/Auto Change.
Temperature alarm (℃)	Temperature alarm can be set from Closed or 0~120℃, default alarm is 85℃.
Someone at home reminder	Could set somebody at home reminder, the default is closed for this function.

4.4.8 Setup home stay arm zones

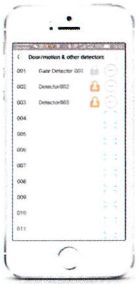
Note: All new added sensors are in home stay arm zone, the following steps can cancel home stay arm zone.



1. Enter into sensor management interface, click the icon of home stay arm.

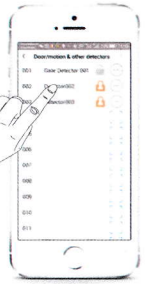


2. In pop up window, switch to OFF status and confirm.



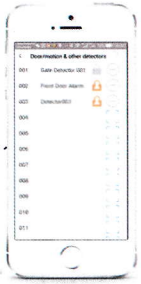
3. After setup, the sensors are not in status of home stay. It will not be trigger to alarm when the panel in home stay mode.

4.4.9 Modify Zone Name



1. Enter into sensor management interface, chose the zone.

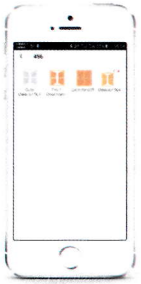
2. In pop up window, input new name, for example, "Front Door Alarm".



3. Modified successfully.

4.4.10 Check Sensors' Status

1. Click into sensor management interface, chose the zone.



2. The management interface of door/window sensors.

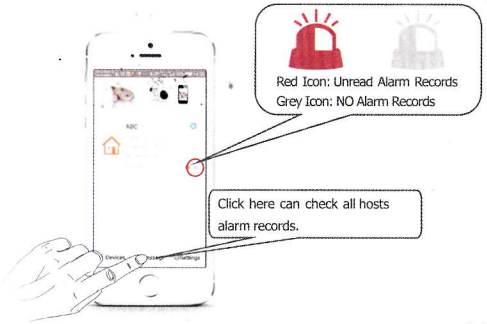
Door/window sensor disconnected

Door/window open

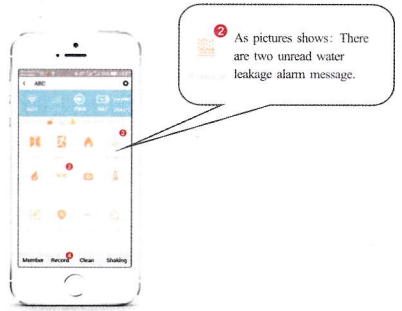
Door/window closed

Door sensor low battery

4.4.11 Check Alarm Records



1. Click related host to get into users management interface.



2. Click related icons to check alarm messages. Click "Delete Alarm"to delete all the red bubbles.

4.4.12 APP Alarm Handling and Some Notices

1. Intrusion detectors (Door Sensor/ PIR motion sensor/ More detectors) only can be triggered to alarm when host is in ARM status. Other types detectors (SOS button / medical call button / fire detector) can directly trigger to alarm even in disarm status.

2. In Home Stay ARM status, the switch of intrusion detectors needs to turn on so that can be triggered to alarm.(Default for newly added detectors arehome stay arm detectors, user can modify the zone types, details please refer Step 4.4.8).

3. If sensors had been triggered to alarm, there will be a red spot on sensor management interface. Other types such as (operating record/power failure/ temper switch) alarm message will appear in "Alarm Records", with a red spot there. After checked, the red spot will disappear. Or click "clean" to delete all red spot.

4.Different type of alarm message, APP will push different alarm music to inform users.

5. If turn on " when GSM network breakdown, APP push message alert" function, when the host detect there is something wrong with the GSM network, APP will push message to alert all the users.

6.If turn on "When WiFi network breakdown, auto change to GSM network" function, when WiFi network breakdown, Host will send SMS to the 3 preset SMS numbers for reminder.

7. When those sensors such as door/window sensor, PIR detector, gas detector, water detector, smoke detector are disconnected with alarm host, APP will push alert message (without SMS alert message), and in sensors management interface the related icon will be in grey color.

8.When those sensors such as door/window sensor, PIR detector, gas detector, water detector, smoke detector are in low battery, the APP will push low battery alert message every two hours. (This function can be turn off), also in sensor management interface there will be low battery icon listed.

9. Door sensor closed/open status can be checked and if door had not been closed properly when host armed, APP will push alert message, also in sensor management interface there will be door open/closed status icon listed.

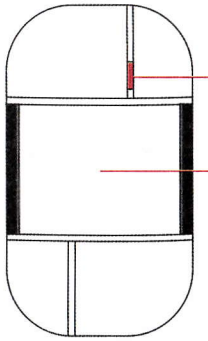
4.4.13 Phone Call Alarm Handling

1. When turn on GSM network (with GSM SIM card insert), once alarm, APP will push alarm message also alarm host will send SMS and make phone call to preset mobile numbers. If turn off GSM network, once alarm only APP push alarm message. If chose auto change to GSM network, only when wifi netowok failure, alarm host will send SMS and make phone call to preset phone numbers.

2.When using GSM network, alarm host will send SMS first and then make phone call to preset mobile numbers. If someone answer it, the call will stop, play the record and read the alarm message also get into listen in status. At this time, if press "1" on mobile keypad, host will be in armed status, press"2", host in disarmed status, press"3" to start siren, press "4" closed siren prompt. If the call is busy or without answer, it will auto dial the next mobile phone number until someone answer it. It will call 3 times in cycle, if still no answer, it will stop calling.

5. Accessories

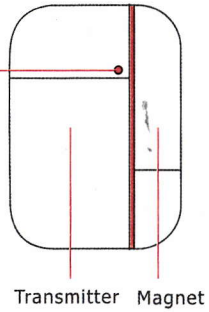
5.1 PIR Motion Sensor



Installation:

1. Open the shell, remove the insulation strip.
2. Mounting it on the wall with height at 2.20 meters.
3. To prevent false alarm, avoid facing vents, air condition, etc places.

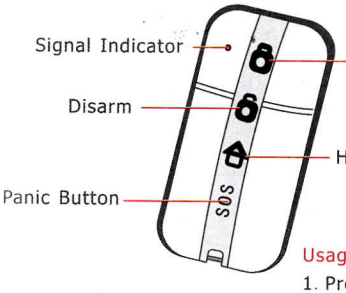
5.2 Door/Window Sensor



Installation:

1. Open the shell, remove the insulation strip.
2. Paste the two parts on window/door with a double sided adhesive tape.
3. When magnet move away from transmitter for 2cm distance, it will be triggered to alarm.

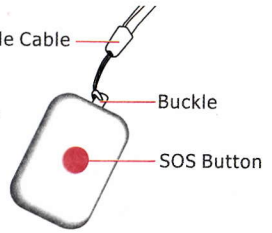
5.3 Remote Controllers



Usage:

1. Press the button, the alarm host will give related response.

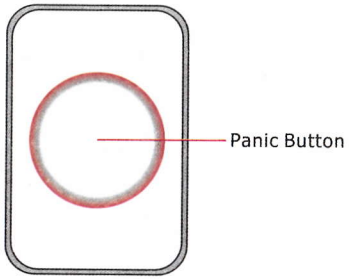
5.4 SOS Medical Call Button



Usage:

1. Pull the wearable cable to activate SOS alarm.
2. Press SOS button to activate alarm.

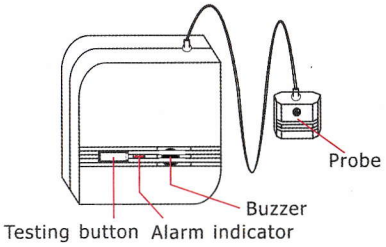
5.5 Panic Button

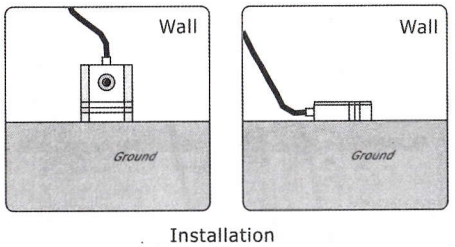


Usage:

1. Fixed it to a place or put it where it's needed.
2. Press the button to trigger alarm.

5.6 Water leakage detector



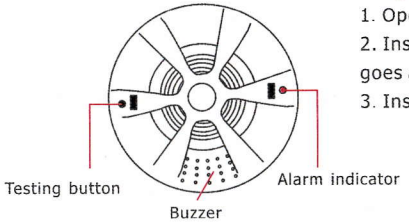


Installation

Usage:

1. Open the shell, remove the insulation strip.
2. When installed, the metal area on the probe should touch ground.

5.7 Smoke Detector



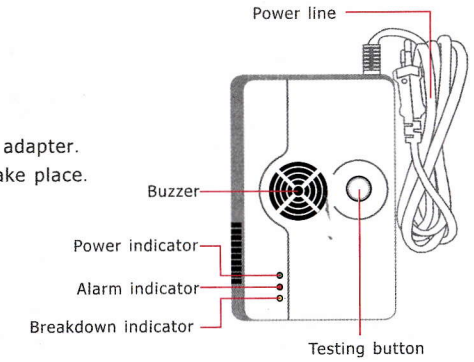
Usage:

1. Open back shell, install battery.
2. Installment: The suspended ceiling type or attracts goes against the type installation.
3. Install it where fire easily take place.

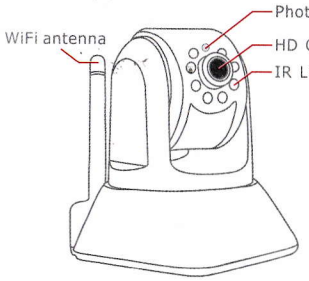
5.8 Gas Detector

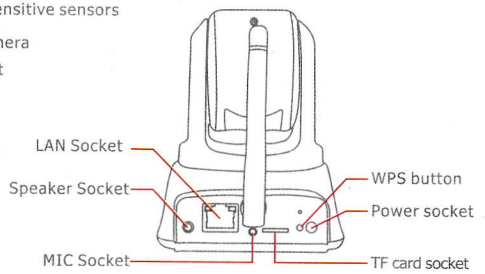
Usage:

1. Mounting on the wall, plug in power adapter.
2. Install it where gas leakage easily take place.



5.9 HD IP Camera





Installation:

1.For detailed steps, please refer to the user manual.
2.Mounting on wall, ceiling or place on the table.
3.Suppor up to 32G TF card.

6. APP Interface

6.1 Arm/Disarm/Home Stay Arm

1. Click "Arm Status", get into "Arm/Disarm" management interface.

2. Arm/Disarm management interface.

ARM: After arming, once trigger the sensor will activate alarm.

Home Stay Arm: Only those sensors set to home stay armed mode will be triggered to alarm.

Disarmed: After disarmed, all intrusion type sensors will not alarm, only panic button, gas sensor, smoke detector will be activate to alarm.

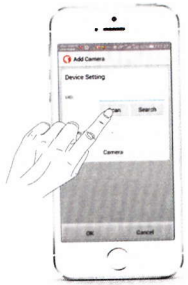
Start Siren: Press this button to start siren.

Stop Siren: Press this button, the siren will stop ringing.

6.2 How to add IP camera

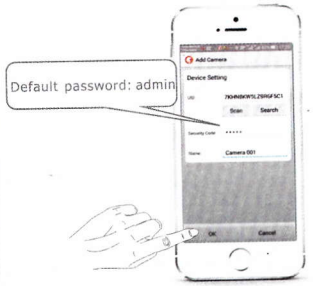
1. Click into host management interface, click "Camera" to get into IP camera management interface.

2. In IP camera management interface, click to add new IP camera.



3. In pop up window, click "Scan QR code) "

4. Scan the QR code on the back of IP camera.



5. Automatically get number for camera, input password and name then confirm.

6. Adding successfully. Maximum 4 IP cameras. Click IP camera icon get into live monitoring.

7. Monitoring interface

7. Cautions

1. Keep away from water.
2. Install host in hidden place with good Wifi and GSM singal.
3. Turn Off host when insert/take out the SIM card.
4. Connect power adapter well and keep good heat dissipation.
5. Enter into normal running status about 12 seconds later.
6. Check all the detectors batteries in time and charges them when power is low.
7. Donot install alarm host close to the objects with strong interference. such as TV. computer etc.
8. Regularly check the SIM card in the alarm host (Check GSM signal, balance, etc.)
9. Inspect the alarm systems operation regularly.
10. Design for indoor use rather than outdoor.