

SECURITY EXPERT, CLASSIC QUALITY



PATROL HAWK



SAFER, MORE RELIABLE

PEOPLE IS CENTRE, TECHNOLOGY IS FIRST

## Corporate Culture |



RECEPTIONIST



MARKET DEPARTMENT



EXHIBITION



PRODUCT LINE

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SHENZHEN SINDA TECHNOLOGY CO.,LTD

**Shenzhen Sinda Technology Co., Ltd** is one of the leading designers and manufacturers of the security products with several years of experience, high technology and first class quality. We employ the best team who are highly skilled and experienced in the field of computer, electronics, automatic control, communication etc to develop, produce and sell product. We are primarily dedicated to developing and producing GSM alarm systems and telephone network alarm systems, which have been applied to security installation, data monitor and long-range supervision systems of wide areas, such as family, electric power, mobile base station, transportation, petroleum, finance, civil, police station etc.

Here is our series of products of PATROL HAWK: GSM Home Alarm System, GSM Industry Alarm system, GSM Power Facility Alarm System, GSM Car Alarm System, Auto-dialed Alarm System, MMS Alarm System, Wireless PIR Motion Sensor, Wireless Smoke Detector, Wireless Gas Leak Detector, Infrared Beams Detector etc. PATROL HAWK security alarms are the high new technology item by the assessing of Shenzhen Technology Bureau and pass the examination of Public Security Office. With its high-class quality, state of the art technology, perfect after sales service and worldwide sales network, the PATROL HAWK has been prevailing in international security market and earned its leading position and honourable reputation all over the world.

Our company insists on the conception that people is centre, technology is first. With professional research, excellent management and perfect service, we can offer you advanced and high quality security products. And we believe that we can be your faithful friends and reliable partner forever.



CE CERTIFICATION



THE MINISTRY OF PUBLIC SECURITY INSPECTION REPORTS

## Enterprise Declaration

### Entrepreneurial Spirit

Struggle with innovation: We must struggle for innovation, work hard to make greater achievement.  
Cooperate with good faith: We believe in only by trust can we keep better cooperation with our customer forever.

### Business Mission

Reason and Passion: We persist on promoting teamwork with our reason and passion to make a bright future!  
Innovation: We persevere in unceasing innovation on technic to keeping our leading position in security field.

### Enterprise Aim

Credibility, Quality, Service will always come first.  
Do all for customer with our sincerity and responsibility.



## PH-BLPS WIRELESS GLASS SMASH DETECTOR

### Specification

Power Requirements: DC12V  
 Power Requirements: 20mA (While sending)  
 Power Requirements: 0.2uA (While monitor)  
 Operating Frequency: 315±0.2Mhz/433±0.2Mhz  
 Coding Type: Fixed Code  
 Dimension(LWH): 90X67X25mm  
 Operating Temp: -10°C~+50°C  
 Shell Colour : White

## PH-DJQ INTERCOM

### Specification

Power Requirements : 12VDC  
 Current Consumption: less than 10uA in idle mode;  
 10 to 30mA while alarm  
 Transmit Frequency: 315±0.2Mhz/433±0.2Mhz  
 Intensity of buzzer'volume: 40decibel to 80 decibel  
 Humidity: 10% to 90%

## PH-WZD WIRELESS SHOCK SENSOR

### Specification

Power Requirements: 12VDC  
 Power Requirements: 8~12mA (While sending)  
 Power Requirements: 0.2uA (While monitor)  
 Operating Frequency: 315±0.2Mhz/433±0.2Mhz  
 Transmit distance: 100m (no obstacle)  
 Coding Type: Fixed Code  
 Dimension(LWH): 71X36X15mm  
 Operating Temp: -10°C~+50°C

## PH-GJA HIGH-POWER EMERGENCY BUTTON

### Specification

Power Requirements : DC12V  
 Current Consumption: less than 15mA communication  
 Transmit Frequency: 315±0.2Mhz/433±0.2Mhz  
 Transmit Duration: less than 1s  
 Operating distance from central controller: less than 500m (no obstacle)  
 Humidity: less than 90%  
 Coding Type: Fixed Code  
 Dimension(LWH): 85X37X16mm  
 Operational Temp: -10°C~+40°C



PH-BLPS WIRELESS GLASS SMASH DETECTOR



PH-DJQ INTERCOM (FOR TALKBACK TO THE MAINFRAME)



PH-WZD WIRELESS SHOCK SENSOR



PH-GJA HIGH-POWER EMERGENCY BUTTON



G50 ALARMHOST



G20 ALARM HOST

## G50 ALARMHOST

### FUNCTION

- With GSM module.
- 8-32 wireless guarding zones, 8 hardwire guarding zones.
- With wireless SOS alarm zone, wireless fire alarm zone and external power failure alarm zone.
- 2 relay control outputs.
- with colour LCD show screen and keyboard on the host.
- Set fixing time of arm/partial arm/disarm.
- Support auto-dial and SMS alarm and can monitor the alarm site.
- Arm/disarm by keyboard on the host, phone or SMS.
- Report the zones by SMS or voice..
- Modify the name of wireless zones, and inquire the status of alarm host by SMS demand.
- With voice reminder and support dialogue.
- With backup rechargeable battery .It can work while the external power is off.
- Connect with alarm centre through GSM network.

## G20ALARM HOST

### FUNCTION

- With GSM module.
- 10 wireless guarding zones (1 wireless SOS zone, 1 fire alarm zone, 8 wireless guarding zones can be defined by user) and 1 external power failure alarm zone.
- With LCD color show screen and keyboard on the host..
- Send SMS to 3 preset mobile phone numbers while alarming.
- Auto-dial 3 preset phone numbers and monitor at site.
- Set fixing time of arm/partial arm/disarm.
- Program the alarm host by keyboard or SMS.
- Modify 8 wireless guarding zones' name and inquire the status of alarm host by SMS demand.
- With standby rechargeable battery
- Connect with the alarm centre through GSM network.

### SPECIFICATNION

- GSM frequency: 900/1800MHz or 850/1900MHz)
- Detectors working frequency: 315MHz or 433MHz
- External power failure alarm Start time: less than 2s
- Alarm response time: less than 8s (GSM in normality)
- Power requirements: AC 110-220V 50Hz or 60Hz
- Working power consumption: less than 3W
- Standby battery: DC 8.4V Its working hour: ≥15 hours
- Operating temperature: -20~+60°C Humidity: 20~95%

# GSM ALARM SYSTEM



## G30 POWER FACILITY ALARM HOST

### FUNCTION

- Apply to the security of electric power transformer, transmit electric wire, street lamp line and electronic advertisement etc.
- Monitor 3 phase loss voltage and single phase failure of electric distribution network.
- With 8 routes of wired input alarm.
- Support auto-dialing and SMS alarm.
- Program the alarm host and inquire its status by SMS demand.
- Fixing time report of everyday self-check.
- Resist electromagnetic interference, lightning and th under.
- Can install the solar battery
- Completely sealed aluminum outer shell: waterproof, anti-corrosion, fireproof, strike preventing.

### SPECIFICATION

- GSM 900/1800MHz or 850/1900MHz (GSM WAVECOM module)
- Power supply connecting: Y, L-NAC110-250V, 50Hz or 60Hz.
- Alarm response time: less than 8s (GSM is in normality)
- Backup battery: DC12V/1.2AH(Lead-Acid standard) or DC12V/1AH (Ni-MH). Alarm voltage:DC10.8V
- Humidity: less than 95% Temperature: -10 to +55°C

## PH-G-3 INDUSTRY ALARM HOST

### FUNCTION

- With GSM module.
- 8 digital inputs and 2 wireless guarding zones.
- Can program open/closed alarm of digital inputs.
- Digital inputs are adopted optical-coupled isolators, which can prevent external high voltage from destroying internal components.
- Send SMS automatically to report the state of digital input when it returns normal status.
- Send SMS to 3 preset mobile phone numbers while alarming.
- Auto-dial 3 preset phone numbers while alarming and monitor the sound at site.
- Modify zone name and enquire status of alarm host by SMS demand.
- With standby rechargeable battery and external power failure alarm.
- Aluminum alloy casing.
- Connect with alarm centre through GSM network.

### SPECIFICATION

- GSM frequency: 900/1800MHz or 850/1900MHz)
- Detectors working frequency:315M or 433M
- External power failure alarm Start time: less than 2s
- Alarm response time: less than 8s (GSM in normality)
- Power requirements: AC 110-220V 50Hz or 60Hz
- Working power consumption: less than 5W
- Standby battery:DC8.4V Its working hour:≥10 hours
- Operating temperature:-20~+60°C Humidity: 20~95%



G30 POWER FACILITY ALARM HOST



PH-G-3 INDUSTRY ALARM HOST



PH-GFJH WIRED SIREN



PH-626JH WIRED 626 SIREN



PH-WXJH WIRELESS SIREN



PH-SGJH SOUND & FLASH SIREN

# WIRELESS & WIRED SIREN

## PH-GFJH WIRED SIREN

### SPECIFICATION

Power Requirements :12VDC  
Current Consumption:20mA (High-low sound)  
Transmit Way:through line Humidity:less than 90%  
Intensity of buzzer'volume:110 decibel at 12VDC  
Operational Temp:-10°C~+40°C

## PH-626JH WIRED SIREN

### SPECIFICATION

Power Requirements :12VDC  
Current Consumption:320mA (High-low sound)  
Transmit Way:through line Humidity:less than 90%  
Intensity of buzzer'volume:110 decibel at 12VDC, 1FT  
Dimension(LWH):85X37X16mm  
Operational Temp:-10°C~+40°C

## PH-WXJH WIRELESS SIREN

### SPECIFICATION

Power Requirements :12VDC  
Current Consumption:40mA (High-low sound)  
Transmit Way:wireless Humidity:less than 90%  
Intensity of buzzer'volume:110 decibel at 12VDC, 1FT  
Dimension(LWH):85X37X16mm  
Operational Temp:-10°C~+40°C

## PH-SGJH SOUND & FLASH SIREN

### SPECIFICATION

Power Requirements :12VDC  
Current Consumption:20mA (High-low sound)  
Transmit Way:through line Humidity:less than 90%  
Intensity of buzzer'volume:110 decibel at 12VDC  
Operational Temp:-10°C~+40°C

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# FENCE/BEAMS DETECTOR



## FUNCTION

- Adopt CPU intelligent control technology.
- High sensitivity, self-regulation.
- Crust material with aluminium metal of high quality, perfect function in anti-cutting & short circuit, and tamper.
- Double-beams detection to prevent from the error alarm by pets.
- Wired/wireless/wired and wireless are compatible.
- Crust material with silvery white and streamline design.

## SPECIFICATION

BEAMS	2	3	4	6	8	10	
Available Length(cm)	28	45	63	116	158	200	
Whole Length(cm)	36	53	71	124	166	208	
Weight (Kg)	0.48	0.58	0.68	1.08	1.58	1.98	
The largest current (mA)	Transmitter	≤160	≤160	≤160	≤175	≤175	≤185
	Receiver	≤70	≤70	≤70	≤70	≤70	≤70
Guarding Distance (m)	10	10	10	10	10	10	
	20	20	20	20	20	20	
	30	30	30	30	30	30	
Voltage	DC12-18V						
Alarm Output	Wired and bus system compatible						
Relay Capacity	3A/125VAC/DC 5V0.2W						
Angle Adjust	Horizontal: 180°(90°)						
Operational Temperature	-35 to +55°C Humidity Less than 95%						
Response Speed	More than 1.5 secretary.						
Trigger Time	40ms						



PH-R0205 TWO BEAMS FENCE DETECTOR



PH-R0405 FOUR BEAMS FENCE DETECTOR



PH-R0830 EIGHT BEAMS FENCE DETECTOR



PH-R1030 TEN BEAMS FENCE DETECTOR



G10 ALARMHOST



G-DW ALARMHOST

# GSM ALARM SYSTEM

## G10 ALARM HOST

### FUNCTION

- With GSM module.
- 8 wireless zones (1 wireless SOS zone, 1 wireless fire alarm zone, the other 6 wireless zones can be defined by user), 1 external power failure alarm zone and 2 wired zones.
- Send SMS to 3 preset mobile phone numbers while alarming.
- Auto-dial 3 preset phone numbers while alarming and monitor the alarm side.
- Program the alarm host by wireless keyboard, SMS or remote phone.
- Report the guarding zones by SMS or voice.
- Modify name of wireless zones and inquire the status of alarm host by SMS demand.
- With voice reminder while the host is working.
- With standby rechargeable battery and support dialogue.
- Connect with the alarm centre through GSM network.

## G-DW ALARM HOST

### FUNCTION

- With GSM module.
- 8 wireless guarding zones (1 wireless SOS zone, 1 wireless fire alarm zone, the other 6 wireless zones can be defined by user), 1 external power failure alarm zone.
- Can set 6 mobile phone/telephone numbers for auto-dialing alarm.
- Remote monitor and arm/disarm.
- Program the alarm host by wireless keyboard or phone.
- With voice reminder while alarm host is working.
- With standby rechargeable battery and support dialogue.
- Wireless signal transmission, easy installation, and can not afraid of cutting line.
- Connect with alarm centre through GSM network.

### SPECIFICATION

- GSM frequency: 900/1800MHz or 850/1900MHz)
- Detectors working frequency: 315M or 433M
- External power failure alarm Start time: less than 2s
- Alarm response time: less than 8s (GSM in normality)
- Power requirements: AC 110-220V 50Hz or 60Hz
- Working power consumption: less than 3W
- Standby battery: DC8.4V Its working hour: ≥10 hours
- Operating temperature: -20~+60°C Humidity: 20~95%

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## G118E & G118EA GSM CAR ALARM

### FUNCTION

- Apply to protect all type of cars, trucks, taxi, jeeps as well as other automobiles.
- With Chinese/English/Spanish/Arabic voice reminder.
- Friendly human voice reminder. The user needn't memorize any command to operate the system.
- Remote open/close car door and trunk release.
- Remote arm/disarm
- Any trigger will auto-dial the preset phone No.
- Check your car by any phone.
- No distance limit to control your cars by any phone.
- Remote monitor/oil cut-off/power off/voice frightening.
- Can activate/deactive car running.
- With hidden emergency button, it can send help signal quietly.
- Car mobile and GSM location
- Plastic case and learning code remoter.

## G118T & G118TA GSM CAR ALARM

### FUNCTION

- With all the functions above mentioned.
- With Chinese/English/Portuguese/Arabic voice reminder.
- Any trigger will call you and send SMS.
- With trunk detect function. When you forget to close the trunk, it will remind of you close the trunk.
- Metal case and hopping code remoter.

### SPECIFICATION

- Mainframe
- Working Voltage: 12V
- Static Current (with GSM Module): 40mA -60 mA
- Arm/Disarm Working Frequency: 300MHZ-500MHZ
- Cover Area and Capacity: Identical to the GSM system
- Location Accuracy: 10-300M (which depends on the GSM service)
- Alarming Duration: Alarm lasts until it is disarmed or the phone call is answered.
- GSM Frequency
- G118E & G118T: GSM900/1800MHZ
- G118EA & G118TA: GSM850/900/1800/1900MHZ
- Working Conditions of mainframe
- Storage Temp.: -30°C-85°C
- Working Temp.: -20°C-65°C
- Working Humidity: 25% — 95%



G118E & G118EA GSM CAR ALARM



G118T & G118TA GSM CAR ALARM



PH-WHW WIRELESS PIR SENSOR WITHOUT ADAPTER



PH-YWHW WIRELESS PIR SENSOR WITH ADAPTER



PH-XDHW WIRELESS 360° PASSIVE INFRARED PIR SENOR



PH-GWHW HIGH-POWER WIRELESS PIR SENSOR

## PH-WHW WIRELESS PIR SENSOR

### SPECIFICATION

- Visual angle: 110°
- The largest coverage: 12\*12m
- Bracket adjustable angle: -45° to +45° (horizontal line)
- Bracket adjustable angle: -15° to +45° (vertical line)
- Power requirements: 45 μ A (while monitor)
- Power requirements: 7~8mA (while sending)
- Lifespan of battery: can use about half year if send 20 times everyday
- Working voltage: 9V to 12V
- Frequency: 315MHZ 433MHZ
- Deviation of frequency: ±0.2MHZ
- Temperature: -40°C to +80°C
- Address code, data code: According to installation that offered by host
- Working temperature: -10°C to 50°C
- Keeping temperature: 20°C to 60°C
- Capacity of anti-interference(electromagnetism): If it is 1000MHZ, more than 30V/m
- Dimension: 110mm(Long)×65mm(Wide)×48mm(High)

## PH-GWHW HIGH-PWOER WIRELESS PIR SENSOR

### SPECIFICATION

- Visual angle: 60°
- The largest coverage: 2\*8m
- Bracket adjustable angle: -45° to +45° (horizontal line)
- Bracket adjustable angle: -15° to +45° (vertical line)
- Power requirements: 45 μ A (while monitor)
- Power requirements: 7~8mA (while sending)
- Lifespan of battery: can use about half year if send 20 times everyday
- Working voltage: 9V to 12V
- Frequency: 315MHZ/433MHZ
- Deviation of frequency: ±0.2MHZ
- Temperature: -40°C to +80°C
- Address code, data code: According to installation that offered by host
- Working temperature: -10°C to 50°C
- Keeping temperature: 20°C to 60°C
- Capacity of anti-interference(electromagnetism): If it is 1000MHZ, more than 30V/m
- Dimension: 110mm(Long)×65mm(Wide)×48mm(High)



## YKQ3 CONTROLLER

### SPECIFICATION

- Power requirement: DC 12v (un-rechargeable battery pack)
- Current consumption: less than 15mA communication
- Transmit frequency: 315 ±0.2MHz
- Transmit duration: less than 1s
- Operating distance from Central Controller: more than 80m (no obstacle)
- Operational temperature: - 10 °C to 40°C
- Humidity: less than 90%
- Volume: 50mm(L) × 40mm(w) × 12mm(H)

## YKQ4 CONTROLLER

### SPECIFICATION

- Power requirement: DC 12v (un-rechargeable battery pack)
- Current consumption: less than 15mA communication
- Transmit frequency: 315 ±0.2MHz
- Transmit duration: less than 1s
- Operating distance from Central Controller: less than 80m (no obstacle)
- Operational temperature: - 10 °C to 40°C
- Humidity: less than 90%
- Volume: 58mm(L) × 36mm(W) × 12mm(H)

## YQ12/15 CONTROL KEYBOARD

### SPECIFICATION

- Power requirement: DC 12v (un-rechargeable battery inside)
- Current consumption: less than 15mA communication
- Transmit frequency: 315MHz
- Transmit duration: less than 1s
- Operating distance from host: less than 80m (no obstacle)
- Operational temperature: - 10°C to 40°C
- Humidity: less than 90%
- Volume: 65mm(L) × 48mm(W) × 12mm(H)



YkQ3 CONTROLLER



YkQ4 CONTROLLER



YKQ3 CONTROLLER



YKQ4 CONTROLLER



YQ12 CONTROL KEYBOARD



YQ15 CONTROL KEYBOARD



G118S&G118SA  
GSM CAR ALARM



G118V&G118VA  
GSM CAR ALARM

## G118S&G118SA GSM CAR ALARM

### FUNCTION

- Apply to protect all type of cars, trucks, taxi, jeeps as well as other automobiles.
- With Chinese/English/Russian/Czech/Spanish/Turkish voice reminder
- Friendly human voice reminder. The user needn't memorize any command to operate the system.
- Remote open/close car door and trunk release. Remote arm/disarm
- Any trigger will auto-dial the preset phone No. and send SMS.
- Enquiry the status of your car by any phone.
- No distance limit to control your cars by any phone or SMS.
- Remote monitor/oil cut-off/power off/voice frightening.
- Can activate/deactive car running.
- Can prohibit/permit telephone alarm.
- With hidden emergency button, it can send help signal quietly.
- With hicker memory and safety reminder.
- Can start car engine and air conditioner by remoter, phone or SMS .
- Car mobile and GSM location
- Metal case and hopping code remoter.

## G118V&G118VA GSM&GPS CAR ALARM

### FUNCTION

- With all the functions G118S has.
- With Chinese/English/Russian/Czech/Spanish/Turkish voice reminder
- With GPS function

### SPECIFICATION

- Mainframe
- Working Voltage: 12V
- Static Current (with GSM Module): 40mA-60 mA
- Arm/Disarm Working Frequency: 300MHz-500MHz
- Cover Area and Capacity: identical to the GSM system
- Location Accuracy (G118S & G118SA): 10-300M (which depends on the GSM service)
- Location Accuracy (G118V & G118VA): 5-10M (Which depends on the GPS satellite)
- Alarming Duration: Alarm lasts until it is disarmed or the phone call is answered.
- GSM Frequency
- G118S & G118V: GSM900/1800MHZ
- G118SA: GSM850/900/1800/1900MHZ
- G118VA: GSM850/1900MHZ
- Working Conditions of mainframe
- Storage Temp.: -30°C-85°C
- Working Temp.: -20°C-65°C



## G80 MMS ALARM SYSTEM

### FUNCTION

With camera & PIR itself, Can send MMS to your mobile phone. Can Send picture to your E-mail. Can match detectors/sensors with mainframe by learning code. IR thermo image monitoring and detection for moving objects, the double detection technology can eliminate the false alarm caused by environmental reasons. It has real-time mobile AV alarm and e-mail video image back-up receiving model. You can monitor the site by mobile phone at any time. You can use mobile to listen the voice at the remote site. Alarms will activate the pre-recorded voice messages and inform the users immediately. Easy operate with a wireless remote control device by simple mobile instructions. You can set if the siren and beacon device to be activated when alarm happen. Under emergency situation EMSD key can silently inform any designated users. With build-in back up battery, device can be still operating during power failure. With IR night vision camera, it provides full time 24 hours day and night monitoring function.

## G90 MMS ALARM SYSTEM

### FUNCTION

With all the functions G80 has.  
Can connect with 4 routes of cameras.

### SPECIFICATION

PIC Format JPEG  
Resolution 320X240/480 X320 pixel(G80)  
Effective Range < 20 meters  
Remote Control Distance < 30 meters  
Plug in power: DC6V  
Input: AC110V ~ 220V, 50hz or 60hz  
Backup Battery < 72 hrs (depends on battery capacity)  
Working Temperature 0-50°C (32-122°F)  
Relative Humidity 10-90%, non-condense  
Camera View Angle Horizontal 60° / Vertical 60°



G80 MMS ALARM SYSTEM



PH-WRQ WIRELESS GAS DETECTOR



G90 MMS ALARM SYSTEM



PH-WYG WIRELESS SMOKE DETECTOR

## PH-WRQ WIRELESS GAS DETECTOR

### FUNCTION

- Adopt patent gas detector, lower consumption, longer lifespan.
- Special design to induct coal gas, natural gas and petroleum gas.
- Intelligent control, check by themselves, prevent from wrong alarm, exterminate missing alarm, be more reliable.
- Be used singly or used with alarm system. Alarm by voice and ray.
- Easy installation.

### SPECIFICATION

- Kind of gas: coal gas, natural gas and petroleum gas
- Alarm density: 0.1% to 0.5% (coal gas, petroleum gas)  
0.1% to 0.3% (natural gas)  
0.1% to 0.5% (liquefied petroleum gas)
- Voltage: 9-15v DC
- Operational temperature: -10°C to 50°C
- Humidity: less than 97%
- Consumption: 10-20mA
- Transmit frequency: 315MHz
- Alarm decibel: more than 85db
- Respond time: less than 20s (according to density of

## PH-WYG WIRELESS SMOKE DETECTOR

The detector is in working after connecting with power. In working status, the LBD will shine one time per minute. Click the test button for 3 minutes or more than 3, then the detector will make a ringing sound and fulgrate quickly. Insufflate smoke into detector, it will send a alarm signal

### SPECIFICATION

- Voltage: 12V DC
- Current consumption: less than 10uA in idle mode, 10 to 30 mA while alarm.
- Frequency: 315MHz
- Sensitivity of smoke: accord with UL NO.217 standard
- Operational temperature: : -5°C to 50°C
- Humidity: 10% to 90%
- Intensity of buzzer' volume: 85 decibel 10 feet



## PH-WMC WIRELESS MAGNETIC DOOR CONTACT

### SPECIFICATION

- Power requirements: DC=12V-8.4V(A23 DC=12V battery inside)
- Current consumption: less than 20  $\mu$  A; Less than 15mA while transmitting
- Transmit frequency: 315 $\pm$ 0.2MHz
- Transmit duration: less than 1s
- Transmit distance from host: more than 80m(no obstacle); less than 15mm between part A and part B
- Temperature: -10 $^{\circ}$ C to 40 $^{\circ}$ C
- Humidity: less than 90%

## PH-GWMC HIGH-POWER WIRELESS DOOR/WINDOW MAGNETIC CONTACT

### SPECIFICATION

- Power Requirements:DC=12V-8.4V(23A DC=12V battery inside)  
 Current Consumption:less than 20 $\mu$ A;Less than 15mA while transmitting  
 Transmit Frequency:315 $\pm$ 0.2Mhz/433 $\pm$ 0.2Mhz  
 Transmit Duration:less than 1s  
 Transmit Distance from host:more than 500M(no obstacle)  
 Installation:less than 15mm between part A and part B  
 Coding Type:Fixed Code  
 Dimension(LWH):71X36X15mm  
 Operating Temp:-10 $^{\circ}$ C~+40 $^{\circ}$ C  
 Humidity:less than 90%

## PH-WJMC WIRED&WIRELESS MAGNETOMETER ROLLER SHUTTERS

### SPECIFICATION

- Power requirements: DC=12V-8.4V(A23 DC=12V battery inside)
- Current consumption: less than 20  $\mu$  A; Less than 15mA while transmitting
- Transmit frequency: 315 $\pm$ 0.2MHz
- Transmit duration: more than 1s
- Transmit distance from host: more than 80m(no obstacle); less than 15mm between part A and part B
- Temperature: -10 $^{\circ}$ C to 40 $^{\circ}$ C



PH-WMC WIRELESS DOOR/WINDOW MAGNETIC CONTACT



PH-GWMC HIGH-POWER WIRELESS DOOR/WINDOW MAGNETIC CONTACT



PH-WJMC WIRELESS MAGNETOMETER ROLLER SHUTTERS



PH-YJMC WIRED MAGNETOMETER ROLLER SHUTTERS



PH-T-5A ALARM HOST



PH-T-5BALARM HOST

## PH-T-5A ALARM HOST

### FUNCTION

- 8 wireless zones, 4 wired zones.
- Remote monitor and enquire the alarm zones by phone.
- Support 6 user phone numbers. When alarming, the system will auto-dial the preset 6 phone numbers immediately.
- Arm mode: immediate arm, delayed arm and partial arm.
- With voice module inside and keyboard on the alarm host.
- Arm/disarm by keyboard, remote controller and any phone.
- Can choose to set/cancel the alarm function of cutting telephone line.
- With standby rechargeable battery.
- When the system alarms, it can report and follow up the latest alarm zones.
- Connect with the alarm centre through telephone network.

## PH-T-5B ALARMHOST

### FUNCTION

- 8 wireless zones, 1 wired zones.
- With two routes of relay control board that can turn on/off the home appliance.
- Remote monitor and enquire the alarm zones by phone.
- Support 6 user phone numbers. When alarming, the system will auto-dial the preset 6 phone numbers immediately.
- Arm mode: immediate arm, delayed arm and partial arm.
- With voice module inside and keyboard on the alarm host.
- Arm/disarm by keyboard, remote controller and any phone.
- Can choose to set/cancel alarm function of cutting telephone line.
- With standby rechargeable battery.
- When the system alarms, it can report and follow up the latest alarm zones
- Connect with the alarm centre through telephone network.

### SPECIFICATION

- Power requirements: AC 110~220V 50Hz or 60HZ, DC 9V to 12V
- Standby battery: DC 7.2V
- Standby battery working hours: More than 6 hours
- Working current: I1 less than 50mA
- Alarm current: I2 less than 300mA
- Sensitivity of wireless receiving: 5Mv/m
- Intensity of Anti-interference: 1V/m (frequency range: 20 to 1000Mhz)
- Operation temperature: -20 to 60 $^{\circ}$ C
- Humidity: Less than 90%

# PH-T-2A/B/C/D ALARM SYSTEM



# MONITORING CENTRE SOFTWARE

## PH-T-2A/B ALARM HOST

### FUNCTION

- Wireless sign transmitted, no wire connected.
- Local arm/disarm with remote controller.
- Remote arm/disarm by telephone or mobile.
- Provide protection against burglary, fire and gas leak.
- Support emergency SOS.
- Support voice alarm or voiceless alarm in advance.
- Support 6 or 4 user phone numbers, which auto-dialed while host alarming.
- Monitor the noise of the guarding space through phone.
- If the telephone line connected with the host is cut off, the host drives the siren immediately.
- Support alarm if the host is closed or dismantled abnormally
- Equip standby rechargeable battery.

## PH-T-2C/D ALARM HOST

### FUNCTION

- Wireless sign transmitted, no wire connected.
- Local arm/disarm with remote controller.
- Remote arm/disarm by telephone or mobile.
- Provide protection against burglary, fire and gas leak.
- Support emergency SOS.
- Support voice alarm or voiceless alarm in advance.
- Support 6 or 4 user phone numbers, which auto-dialed while host alarming.
- Monitor the noise of the guarding space through phone.
- If the telephone line connected with the host is cut off, the host drives the siren immediately.
- Support alarm if the host is closed or dismantled abnormally
- Equip standby rechargeable battery.

### SPECIFICATION

- Voltage: AC=220V±10% DC=9V
- Inside battery: Ni-cd rechargeable battery DC=7.2V
- Standby battery working hours: more than 24 hours
- Work LED: Three
- Electric current: I1≤50mA (while working)
- Electric current: I2≤300mA (while alarm)
- Transmit frequency: 315MHz±0.5MHz
- Sensitivity(Wireless receiving): 5Mv/m
- Intensity(anti-interference): 1V/m (frequency: 20 to 1000 MHz)
- Decibel(outside alarm trumpet): more than 90db
- Operational temperature: 0 to 40°C
- Humidity: less than 90%



PH-T-2A/B ALARM HOST



PH-T-2C/D ALARM HOST



INTERFACE OF ALARM CENTRE SOFTWARE



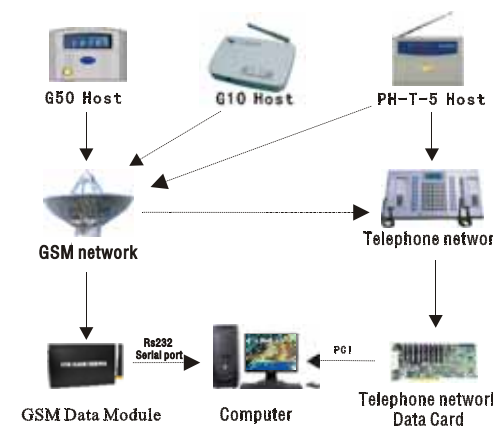
INTERFACE OF ALARM CENTRE SOFTWARE



PH-007B TELEPHONE NETWORK DATA CARD



PH-008 GSM ALARM RECEIVER



ALARM CENTRE NETWORK FIGURE

## PH-BC110 MONITORING CENTRE SOFTWARE

### FUNCTION

- Can connect 4 GSM alarm receivers and 2 to 16 routs of PSTN.
- Easy to register, add, delete, change and search user data.
- It can pop-up alarm sheet automatically, and show the regional map of alarm place and user information including their names, address, contact person, time, nearby police station etc.
- Can upload the image file (Format: JPG etc.) as location map.
- Can choose voice/mute alarm and auto-print the alarm sheet.
- Support window 2000/XP operation system.
- Easy to operate by clear icons and direct viewing interface.

## PH-007B TELEPHONE NETWORK DATA CARD

### FUNCTION

- Support different protocol dynamically, for example G.723.1 ect.
- G.165/G.168 compliant 64ms echo cancellation
- Support H.323 V4, Automatic Gatekeeper Discovery
- Support G.711 A-law/U-law, G.729/A/B/AB, GSM610, G.723.1 5.3/6.3
- Tone generation and Local DTMF re-generation according with ITU-T
- E.164 dial plan and customized dial rules
- DTMF Dialing
- Inband/Outband DTMF
- Adjustable volume
- RAS and Signal port can be changed
- CNG(Comfort noise generation)
- VAD (Voice Activity Detection)
- Dynamic voice jitter buffer
- Bad Frame Interpolation

## PH-008 GSM ALARM RECEIVER

### FUNCTION

- Support GSM900MHz/1800MHz
  - A standard RS232 serial port, baud rate 9600bps
  - Support standard SMS data-format, including functions of receiving and sending message.
  - Can achieve telephone-show and converse control.
  - Provide power adapter and directive of receiving & sending data.
- Voltage: AC220V (input), DC7.2-9V1 (output)