# PGST ®

## Intelligent  Security  Leader

## Shenzhen Pilot Guards Safety Technology Co.,Ltd
### Leading Manufacturer of Smart Home & IoT Security Products

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# PGST ®

### Shenzhen Pilot Guards Safety Technology Co.,Ltd.

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# PGST®

## Intelligent Security Leader

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## ABOUT US

Shenzhen Pilot Guards Safety Technology Co., Ltd (PGST), founded in 2011, is a wholly-owned subsidiary of PGST Group. It is a company focusing on the r&d and production of all intelligent home products. Sales and service in one of the national high-tech enterprises. The company has a core technology research and development team of more than 100 people, and more than 100 core patent technologies, covering various dimensions such as iot sensing algorithm, AI video intelligent algorithm, low power wireless communication technology, cloud computing, etc. We invest 10% of the revenue in research and development every year, and always take innovation as the core competitive power of the company. We have a perfect manufacturing system and quality system, shenzhen production base area of 12,000 square meters, more than 400 employees, Guizhou production base of 45,000 square meters, more than 600 people, the annual output of sensor, intelligent camera, security alarm and other products 5 million units.

Our products cover intelligent video surveillance products, intelligent fire alarm system, intelligent iot alarm system, intelligent security and anti-theft system, environmental detection system, intelligent home system, and provide perfect solutions for all industries. Widely used in: smart city, smart traffic, smart community, smart fire, smart pension, smart campus, bank security system and other fields. For many years, we have been awarded "China's Top ten Security Brands", "China's Top 100 Security Enterprises", "Smart City Construction Leader", "National AAA credit Enterprise" and other honors.



| Headquarters in Shenzhen | Industrial Park in Guizhou | Reception Hall |

## R&D Strength

We have over 100 core R&D technicians with an average of over 10 years of industry R&D experience. Among them, 20 core technologies have solved the six major shortcomings in the industry, leading the industry in technological innovation in areas such as intelligent security, intelligent fire protection, and intelligent elderly care. We invest at least 10% of our annual sales revenue as R&D expenses.

We have established internationally advanced laboratories and introduced internationally advanced professional experimental testing equipment, such as UL smoke test boxes, EN smoke test boxes, carbon monoxide external analyzers, gas analyzers, high and low temperature experimental boxes, to achieve fully automated calibration and testing, ensuring that every developed and produced product meets international and domestic standards.



| Production Line | Production | Workshop | SMT Workshop |



| Laboratory Machines | Smoke Density Test Chamber | Infrared Gas Analyser | Lightning Surge Generator | Vibration Testing Machine |

# Company Development

**2023** | In the future, navigate further afield

**2022** | Pilotage Guard won the title of "Specialized, Special and New Enterprise"

**2021** | Won the honor of the first "China Security Innovation Enterprise".
Won the honor of the 4th "Smart Security Excellent Solution".

**2020** | Won the honor of "Guangdong Province Abiding by Contracts and Valuing Credit Enterprises". Won the honor of "Vice President Unit" of Shenzhen Smart Security.

**2019** | Awarded 2019 yearly "China Top Ten Security Brands in Alarm Sector".

**2018** | PGST Shenzhen production base was relocated to Huafu Industrial Park, Longhua New District to expand production scale. Won the title of "Top Ten Chinese Security Brands". Awarded the title of excellent member company by many media.

**2017** | 50000sqm production base officially put into run. Proudly recommended by many B2C platforms. Won the title of "Top Ten National Brands". Won the "2017 Excellent Security System Integrator".

**2016** | Won the "China Security Outstanding National Brand". Awarded "China Top Ten Security Brands in Alarm Sector". The company was invited to become a member of the first Shenzhen Artificial Intelligence Industry Association.

**2015** | "China TOP10 Security Brand", "Chine TOP10 Most Influential Security Brand" Passed ISO9001:2000 quality management system. Won the industry's highest technology award "Safety Expo Golden Tripod Award".

**2014** | Awarded 2014 yearly "China Security TOP100 Enterprise". acquired software IP rights through products including alarm host, CO detector, wireless infrared detector and wireless strobe siren. CO detectors passed fire prevention certification.

**2013** | Awarded the honer of "Vice president of the Security Industry Alliance", and joined the Chinese Alarm Alliance". China Security TOP10 Brand in alarm sector

**2012** | Full ranges of products including home alarm systems, infrared detectors and smokealarms passed the CE, FCC, 3C certification
Awarded "Best Worker's Home" by Labour Union of Guangming New District
"Security Alarm TOP10 Enterprise"

**2011** | In 2011, Shenzhen Pilot Guards Safety Technology Co.,Ltd was founded.

# Company Honor

Top 100 enterprises
China Security Network

Specialized new enterprise

High tech enterprise

Top ten security brands in China

Top ten anti-theft alarm Enterprises

Security Innovation Enterprise

Guangdong contract abiding and trustworthy enterprise

Enterprise credit rating AAA certificate

Vice president unit
Shenzhen Security Industry Association

# Qualification Certification
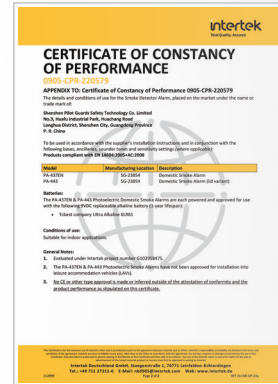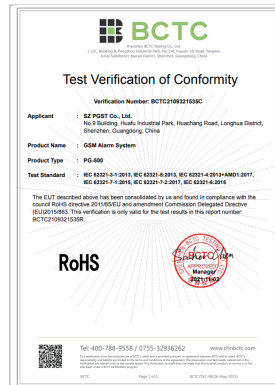

ISO9001


CE


3C


EN 1


EN 2


CE


ROHS
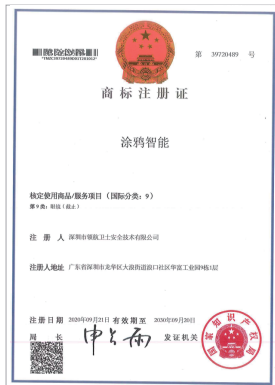

Trademark certificate


Explosion proof certificate


Fire certification


Invention patent


New practical patent
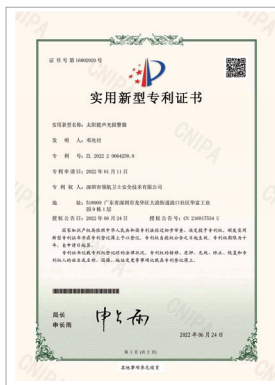

New practical patent


Appearance patent


Software copyright

# Smart home security solutions

When the anti-theft system is triggered, on the one hand, The device will make loud alarm sound to sca thieves away, and even call neighbors and passerbys' attention; on the other hand, the system will automa call preset phone numbers. Then user can know what happens at home and react correspondingly to ensu safety of life and property.

# Industrial and Commercial Use Combustible Gas Detectors

## GY-PA-223/223NB

New Product

## Technical Parameters

| | |
|---|---|
| 1. Working voltage: AC 220V/50Hz | 11. Storage temperature: -30 ℃~+60 ℃ |
| 2. Rated power: ≤ 3W | 12. Detection gas: propane (C3H8) |
| 3. Preheating time: 180S | 13. Working humidity: ≤ 95% RH (without condensation) |
| 4. Range: 3% LEL~100% LEL | 14. Explosion proof level: Ex db IIC T6 Gb |
| 5. Error: ± 3% LEL | 15. Working atmospheric pressure: 86kPa~106kPa |
| 6. Alarm sound pressure: ≥ 70dB/1m | 16. Alarm indication: The red LED flashes and the buzzer beeps |
| 7. Alarm method: Audible and visual alarm | 17.Alarm setting value: low alarm value: 20% LEL, high alarm value: 50% LEL |
| 8. Auxiliary output: DC 12V output | 18. Fault indication: The yellow LED remains on, the display screen |
| 9. Installation method: wall mounted | displays - E1-, and the buzzer sounds a "beep beep" alarm sound |
| 10. Working temperature: -10 ℃~+55 ℃ | 19. Overall dimensions: 174.5 * 170.5 * 66mm |

# Gas alarms for household and small catering kitchens

## BYBXYQ-PA-224B

New Product
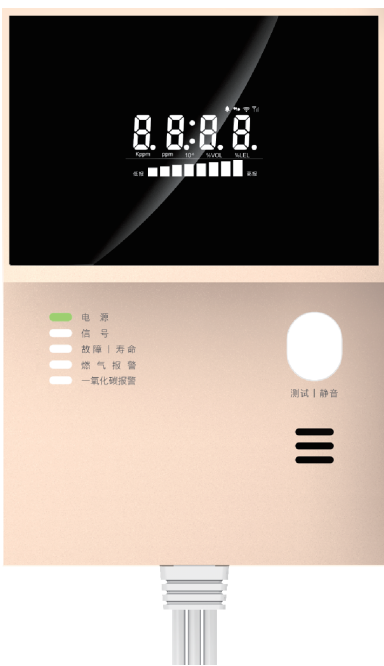
## Technical Parameters

| | |
|---|---|
| Working power supply: Plastic appearance AC 220V | Service life: Carbon monoxide sensor: 3 years; Propane sensor: 5 years |
| Power: AC 220V < 3.5W | LED indications: green, blue, yellow, and red |
| Sensor type: propane: catalytic combustion sensor; Carbon monoxide: Electrochemical sensor | Alarm volume: > 70db (1m directly ahead) |
| | Control output interface: DC12V: connected to solenoid valve or robotic arm |
| Applicable gases: propane and carbon monoxide | Relay output interface: DC12V: switch output or pulse output |
| Sampling method: free diffusion | Shell protection level: IP51 |
| Alarm setting value: Propane: 8% LEL; Carbon monoxide: 190ppm | Installation environment: Temperature: -10 ℃~55 ℃; |
| Alarm error: Propane: ± 3% LEL; Carbon monoxide: ± 50ppm | Humidity: ≤ 95% RH (without condensation) |
| Response time: Propane: < 30 seconds; Carbon monoxide: ≤60 seconds | Atmospheric pressure: 86kPa~106kPa |
| Range: Propane: 0-20LEL; Carbon monoxide: 0-500ppm | Installation method: wall mounted |
| Indication resolution: Propane: 1% LEL; Carbon monoxide: 1ppm | Product size: 160*110*40mm (L*W*H) |

# Gas alarms for household and small catering kitchens

## BYBXYQ-PA-224

New Product

## Technical Parameters

| | |
|---|---|
| Working power supply: Metal appearance DC 12V | Service life: Carbon monoxide sensor: 3 years; Propane sensor: 5 years |
| Power: DC 12V<300mA | LED indications: green, blue, yellow, and red |
| Sensor type: propane: catalytic combustion sensor; Carbon monoxide: Electrochemical sensor | Alarm volume: > 70db (1m directly ahead) |
| Applicable gases: propane and carbon monoxide | Control output interface: DC12V: connected to solenoid valve or robotic arm |
| Sampling method: free diffusion | Relay output interface: DC12V: switch output or pulse output |
| Alarm setting value: Propane: 8% LEL; Carbon monoxide: 190ppm | Shell protection level: IP51 |
| Alarm error: Propane: ± 3% LEL; Carbon monoxide: ± 50ppm | Installation environment: Temperature: -10 ℃~55 ℃; |
| Response time: Propane: < 30 seconds; Carbon monoxide: ≤60 seconds | Humidity: ≤ 95% RH (without condensation) |
| Range: Propane: 0-20LEL; Carbon monoxide: 0-500ppm | Atmospheric pressure: 86kPa~106kPa |
| Indication resolution: Propane: 1% LEL; Carbon monoxide: 1ppm | Installation method: wall mounted |
| | Product size: 165*115*38mm (L*W*H) |

# Independent Photoelectric Smoke Fire Detection Alarm

## PG-S01

New Product

## Product Features

1. Adopting microprocessor control
2. Featuring high reliability and low false positives
3. Equipped with on-site sound and light alarm and mute functions
4. Real time monitoring of smoke
5. Executive standard GB20517-2006

## Technical Parameters

| |
|---|
| Working principle: photoelectric type |
| Working voltage: DC3V |
| Static current: < 15uA |
| Alarm current: < 20mA |
| Mute time: 60S (standard requirement<100S) |
| Working temperature: -10 ℃~50 ℃; Relative humidity: ≤ 95% |
| Alarm method: sound and light alarm |
| Alarm volume: ≥ 80db@3m |
| Net weight of product: approximately 125g (with battery) |
| Boundary dimension: 96 * 49mm (including mounting plate) |

# Independent Photoelectric Smoke Fire Detection Alarm

PG-S03

New Product

## Product Features

1. Adopting microprocessor control
2. Featuring high reliability and low false positives
3. Equipped with on-site sound and light alarm and mute functions
4. Real time monitoring of smoke
5. Executive standard GB20517-2006

## Technical Parameters

| | |
|---|---|
| Working principle: photoelectric type | |
| Working voltage: DC3V | |
| Static current: < 15uA | |
| Alarm current: < 20mA | |
| Mute time: 60S (standard requirement<100S) | |
| Working temperature: -10 ℃~50 ℃; Relative humidity: ≤ 95% | |
| Alarm method: sound and light alarm | |
| Alarm volume: ≥ 80db@3m | |
| Net weight of product: approximately 125g (with battery) | |
| Boundary dimension: 96 * 49mm (including mounting plate) | |

# Independent Photoelectric Smoke Fire Detection Alarm

PA-447/447NB

New Product

## Product Features

1. Adopting microprocessor control
2. Featuring high reliability and low false positives
3. Equipped with on-site sound and light alarm and mute functions
4. Real time monitoring of smoke
5. Executive standard GB20517-2006

## Technical Parameters

| | |
|---|---|
| Working voltage: DC3V | |
| Static current: < 15uA | |
| Alarm current: < 200mA | |
| Working temperature: -10 ℃~50 ℃ | |
| Relative humidity: ≤ 95% RH, non condensing | |
| Alarm method: sound and light alarm | |
| Alarm volume:>80db | |
| Battery low voltage: 2.6V low voltage alarm | |
| Boundary dimension: 102 * 42mm | |

# Independent Photoelectric Smoke Fire Detection Alarm

## PG-S02

New Product

# Temperature & Humidity Sensor

## PG-1001W/1001Z

New Product

## Product Features

1. Adopting microprocessor control
2. Featuring high reliability and low false positives
3. Equipped with on-site sound and light alarm and mute functions
4. Real time monitoring of smoke
5. Executive standard GB20517-2006

## Technical Parameters

| |
|---|
| Working principle: photoelectric type |
| Working voltage: DC3V |
| Static current: < 15uA |
| Alarm current: < 20mA |
| Mute time: 60S (standard requirement<100S) |
| Working temperature: -10 ℃~50 ℃; Relative humidity: ≤ 95% |
| Alarm method: sound and light alarm |
| Alarm volume: ≥ 80db@3m |
| Net weight of product: approximately 125g (with battery) |
| Boundary dimension: 96 * 49mm (including mounting plate) |

## ZigBee Technical Parameters

| |
|---|
| Input Voltage：DC3V |
| Static Current：<5uA |
| Alarm Current：<10mA |
| Low Voltage Threshold：<2.68V |
| ZigBee：IEEE802.15.4 |
| Working frequency:2.400-2.484GHz |
| Detection Temperature：-10℃~+60℃ |
| Detection Humidity：0~100%RH |
| Working Temperature：-10℃~+60℃ |
| Working Humidity：>95%RH |
| Product Dimension：76*32*20mm |

## WiFi Technical Parameters

| |
|---|
| Input Voltage：DC3V |
| Static Current：<100uA |
| Alarm Current：<30mA |
| Low Voltage Threshold：<2.4V |
| Wi-Fi:802.11/b/g/n |
| Working frequency:2.400-2.484GHz |
| Detection Temperature：-10℃~+60℃ |
| Detection Humidity：0~100%RH |
| Working Temperature：-10℃~+60℃ |
| Working Humidity：max.90%RH |
| Product Dimension：76*32*20mm |

# Combustible Gas Detector

## PA-816- I

**New Product**

## Technical Parameters

| | |
|---|---|
| Working power supply: AC110V~240V | Power: < 2W |
| Sensor type: catalytic combustion sensor | Alarm setting value: 8% LEL |
| Alarm error: ± 3% LEL | Response time:<30 seconds |
| Sensor service life: 3 years | Alarm volume:>70db (1m directly ahead) |
| Atmospheric pressure: 86kpa~106kpa | Installation method: wall mounted |
| Control output interface: DC12V: connected to solenoid valve or robotic arm | |
| Applicable gases: methane (CH4), natural gas, propane (C3H8), liquefied gas (optional) | |
| Installation environment: Temperature: -10 ℃~55 ℃; Humidity: ≤ 95% RH (without condensation); | |
| Executive standard: GB15322.2-2019 | |
| Product size: 111×71×38.5mm | |

# Combustible Gas Detector

## PA-816-Ⅱ

**New Product**

## Technical Parameters

| | |
|---|---|
| Working power supply: AC110V~240V | Power: < 2W |
| Sensor type: catalytic combustion sensor | Alarm setting value: 8% LEL |
| Alarm error: ± 3% LEL | Response time:<30 seconds |
| Sensor service life: 3 years | Alarm volume:>70db (1m directly ahead) |
| Atmospheric pressure: 86kpa~106kpa | Installation method: wall mounted |
| Control output interface: DC12V: connected to solenoid valve or robotic arm | |
| Applicable gases: methane (CH4), natural gas, propane (C3H8), liquefied gas (optional) | |
| Installation environment: Temperature: -10 ℃~55 ℃; Humidity: ≤ 95% RH (without condensation); | |
| Executive standard: GB15322.2-2019 | |
| Product size: 111×71×38.5mm | |

# Combustible Gas Detector

## PA-816-Ⅲ

New Product

## Technical Parameters

| | |
|---|---|
| Working power supply: AC110V~240V | Power: < 2W |
| Sensor type: catalytic combustion sensor | Alarm setting value: 8% LEL |
| Alarm error: ± 3% LEL | Response time:<30 seconds |
| Sensor service life: 3 years | Alarm volume:>70db (1m directly ahead) |
| Atmospheric pressure: 86kpa~106kpa | Installation method: wall mounted |
| Control output interface: DC12V: connected to solenoid valve or robotic arm | |
| Applicable gases: methane (CH4), natural gas, propane (C3H8), liquefied gas (optional) | |
| Installation environment: Temperature: -10 ℃~55 ℃; Humidity: ≤ 95% RH (without condensation); | |
| Executive standard: GB15322.2-2019 | |
| Product size: 111×71×38.5mm | |

# Independent Carbon Monoxide Alarm

## PG-C01

New Product

## Technical Parameters

| | | | |
|---|---|---|---|
| Working Voltage | DC 3V (2x AA battery) | Battery Lifespan | 3 years |
| Standby Current | ≤ 25 uA | Working Temperature | 0℃~40℃ |
| Alarm Current | ≤25 mA | Working Humidity | Max.95%RH |
| Detecting Range | 0~999ppm | Installation | wall mounting or table top |
| Alarm Output | Light and acoustic alarm | Standards Reference | EN50291: 2018 |
| Sound Level | ≥85 db@ 3m | Dimensions | 115*28mm |
| Sensor Lifespan | 7 years | Weight | Approx.145g (incl.batteries) |

# NB/Independent Carbon Monoxide Alarm

## PG-C02

**New Product**



### Technical Parameters

| Working Voltage | DC 3V (2x AA battery) | Battery Lifespan | 3 years |
|---|---|---|---|
| Standby Current | ≤ 25 uA | Working Temperature | 0℃~40℃ |
| Alarm Current | ≤25mA | Working Humidity | Max.95%RH |
| Detecting Range | 0~999ppm | Installation | wall mounting or table top |
| Alarm Output | Light and acoustic alarm | Standards Reference | EN50291: 2018 |
| Sound Level | ≥85db@ 3m | Dimensions | 115*28mm |
| Sensor Lifespan | 7 years | Weight | Approx.145g(incl.batteries) |

# NB/Independent Carbon Monoxide Alarm

## PG-C03

**New Product**



### Technical Parameters

| Working Voltage | DC 3V (2x AA battery) | Battery Lifespan | 3 years |
|---|---|---|---|
| Standby Current | ≤ 25 uA | Working Temperature | 0℃~40℃ |
| Alarm Current | ≤25mA | Working Humidity | Max.95%RH |
| Detecting Range | 0~999ppm | Installation | wall mounting or table top |
| Alarm Output | Light and acoustic alarm | Standards Reference | EN50291: 2018 |
| Sound Level | ≥85db@ 3m | Dimensions | 115*28mm |
| Sensor Lifespan | 7 years | Weight | Approx.145g(incl.batteries) |

# NB/Independent Carbon Monoxide Alarm

## PG-C04

New Product



## Technical Parameters

| Working Voltage | DC 3V (2x AA battery) | Battery Lifespan | 3 years |
|---|---|---|---|
| Standby Current | ≤ 25 uA | Working Temperature | 0℃~40℃ |
| Alarm Current | ≤ 25 mA | Working Humidity | Max.95%RH |
| Detecting Range | 0~999ppm | Installation | wall mounting or table top |
| Alarm Output | Light and acoustic alarm | Standards Reference | EN50291: 2018 |
| Sound Level | ≥85 db@ 3m | Dimensions | 115*28mm |
| Sensor Lifespan | 7 years | Weight | Approx.145g (incl.batteries) |

# NB/Independent Carbon Monoxide Alarm

## PG-C05

New Product



## Technical Parameters

| Working Voltage | DC 3V (2x AA battery) | Battery Lifespan | 3 years |
|---|---|---|---|
| Standby Current | ≤ 25 uA | Working Temperature | 0℃~40℃ |
| Alarm Current | ≤25 mA | Working Humidity | Max.95%RH |
| Detecting Range | 0~999ppm | Installation | wall mounting or table top |
| Alarm Output | Light and acoustic alarm | Standards Reference | EN50291: 2018 |
| Sound Level | ≥85 db@ 3m | Dimensions | 115*28mm |
| Sensor Lifespan | 7 years | Weight | Approx.145g (incl.batteries) |

# WIFI+GSM/4G Alarm System

## PG-109



## Product Features

> Built-in 10 languages , free to switch
> Support 99 wireless zones , 4 wired zones
> LCD menu display built-in clock intuitive and convenient
> WIFI + GSM/4G dual network work together , support APP push/SMS/voice monitoring etc multi-channel alarm ways
> Up to 5 groups of preset alarm phone numbers , SMS on/off and voice on/off can be set respectively .
> Support many defense zone types setting such as of entry/exit zone , Iindoor zone , perimeter zone , 24-hour zone , doorbell , etc
> Wireless detector low battery alert door open alert .
> Built-in wireless transmitter to configure wireless sirensand control smart appliances .
> Remote control and parameter setting via SMS & APP

## Technical Parameters

| |
|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) |
| -Working Current: <500mA |
| -Siren Output: <80db in 1 meter |
| -Wireless Frequency: 433Mhz/2.4G/125K |
| -Wireless Coding: eV1527 |
| -GSM System: 850/900/1800/1900MHz |
| -WIFI System: IEEE802.11b/g/n wireless standard |
| -Spare Battery: 3.7V/1000mAh |
| -Working Temperature: -10 ~ 55 ℃ |
| -Relative Humidity: < 80% (no condensation) |
| -Product Size: 182*112*16MM (L x H x T) |

# WIFI+GSM/4G Alarm System

## PG-110



## Product Features

> Built-in 10 languages , free to switch
> Support 99 wireless zones , 4 wired zones
> LCD menu display built-in clock intuitive and convenient
> WIFI + GSM/4G dual network work together , support APP push/SMS/voice monitoring etc multi-channel alarm ways
> Up to 5 groups of preset alarm phone numbers , SMS on/off and voice on/off can be set respectively .
> Support many defense zone types setting such as of entry/exit zone , Iindoor zone , perimeter zone , 24-hour zone , doorbell , etc
> Wireless detector low battery alert door open alert .
> Built-in wireless transmitter to configure wireless sirensand control smart appliances .
> Remote control and parameter setting via SMS & APP

## Technical Parameters

| |
|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) |
| -Working Current: <150mA |
| -Wireless Frequency: 433Mhz |
| -Wireless Coding: eV1527/eV2262 |
| -WIFI System: IEEE802.11b/g/n wireless standard |
| -Spare Battery: 3.7V/1000mAh |
| -Working Temperature: -10 ~ 55 ℃ |
| -Relative Humidity: < 93% (no condensation) |
| -Product Size: 110*110*16MM (L x H x T) |

# WIFI+GSM/4G Alarm System

## PG-103



### Product Features

1. Adopting a 2.4 inch TFT color display screen
2. Adopting a 32-bit Cortex M 3 core CPU master with powerful embedded performance
3. Support multiple communication services for WIFI/GSM/4G/GPRS
4. Equipped with voice prompt function, supporting 9 commonly used national languages
5. Equipped with a high decibel alarm signal, the sound can reach 115dB
6. Built in doorbell function, emergency help function
7. Equipped with battery low voltage alarm function
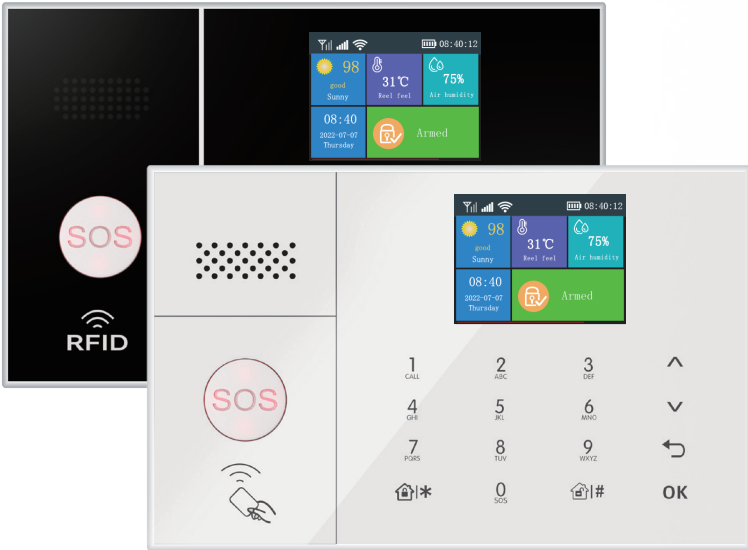8. Equipped with anti disassembly alarm function

### Technical Parameters

| | |
|---|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) | |
| -Working Current: <200mA | |
| -Siren output:<500mA | |
| -Wireless Frequency: 433Mhz | |
| -Wireless Coding: eV1527 | |
| -GSM System: 850/900/1800/1900MHz | |
| -WIFI System: IEEE802.11b/g/n wireless standard | |
| -Spare Battery: 3.7V/1000mAh | |
| -Working Temperature: -10 ~ 55 ℃ | |
| -Relative Humidity: < 93% (no condensation) | |
| -Product Size: 185*125*14.7MM (L x H x T) | |

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# WIFI+GSM/4G Alarm System

## PG-107



### Product Features

1. Adopting a 4.3 inch TFT color display screen
2. Adopting a 32-bit Cortex M 3 core CPU master with powerful embedded performance
3. Support multiple communication services for WIFI/GSM/4G/GPRS
4. Equipped with voice prompt function, supporting 9 commonly used national languages
5. Equipped with a high decibel alarm signal, the sound can reach 115dB
6. Built in doorbell function, emergency help function
7. Equipped with battery low voltage alarm function
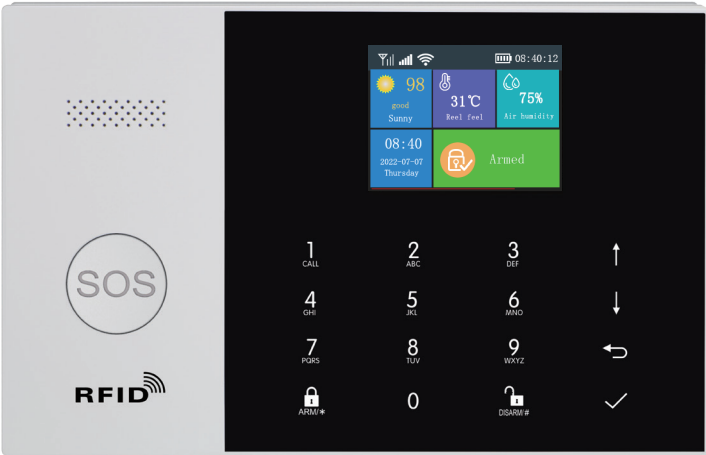8. Equipped with anti disassembly alarm function

### Technical Parameters

| | |
|---|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) | |
| -Working Current: <200mA | |
| -Siren output:<560mA | |
| -Wireless Frequency: 433Mhz | |
| -Wireless Coding: eV1527 | |
| -GSM System: 850/900/1800/1900MHz | |
| -WIFI System: IEEE802.11b/g/n wireless standard | |
| -Spare Battery: 3.7V/1000mAh | |
| -Working Temperature: -10℃ ~ 55 ℃ | |
| -Relative Humidity: < 93% (no condensation) | |
| -Product Size: 160*98*19MM (L x H x T) | |

# WIFI+GSM/4G Alarm System

PG-108



## Product Features

1. Adopting a 2.4 inch TFT color display screen
2. Adopting a 32-bit Cortex M 3 core CPU master with powerful embedded performance
3. Support multiple communication services for WIFI/GSM/4G/GPRS
4. Equipped with voice prompt function, supporting 11 commonly used national languages
5. Equipped with a high decibel alarm signal
6. Built in doorbell function, emergency help function
7. Equipped with battery low voltage alarm function
8. Equipped with anti disassembly alarm function

## Technical Parameters

| |
|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) |
| -Working Current: <250mA |
| -Siren output:<600mA |
| -Wireless Frequency: 433Mhz |
| -Wireless Coding: eV1527 |
| -GSM System: 850/900/1800/1900MHz |
| -WIFI System: IEEE802.11b/g/n wireless standard |
| -Spare Battery: 3.7V/1000mAh |
| -Working Temperature: -10℃ ~ 55 ℃ |
| -Relative Humidity: < 93% (no condensation) |
| -Product Size: 180*115*23MM (L x H x T) |

# WIFI+GSM/4G Alarm System

PG-105



## Connect with multiple sensors



| Wireless smoke detector | Remote controller | SOS button | Wireless PIR detector |
| Wireless gas detector | Horn | Door sensor | RFID tag |

## Technical Parameters

| |
|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) |
| -Working Current: <250mA |
| -Siren output:<600mA |
| -Wireless Frequency: 433Mhz |
| -Wireless Coding: eV1527 |
| -GSM System: 850/900/1800/1900MHz |
| -WIFI System: IEEE802.11b/g/n wireless standard |
| -Spare Battery: 3.7V/1000mAh |
| -Working Temperature: -10℃ ~ 55 ℃ |
| -Relative Humidity: < 93% (no condensation) |
| -Product Size: 180*115*23MM (L x H x T) |

# WIFI+GSM/4G Alarm System

PG-106



# WIFI Alarm System

PW-150W



## Product Features

1. Adopting a 4.3 inch TFT color display screen
2. Adopting a 32-bit Cortex M 3 core CPU master with powerful embedded performance
3. Support multiple communication services for WIFI/GSM/4G/GPRS
4. Equipped with voice prompt function, supporting 9 commonly used national languages
5. Equipped with a high decibel alarm signal, the sound can reach 115dB
6. Built in doorbell function, emergency help function
7. Equipped with battery low voltage alarm function
8. Equipped with anti disassembly alarm function

## Technical Parameters

| | |
|---|---|
| -Input Voltage: DC5V (Micro USB Standard Interface Power Supply) | |
| -Working Current: <250mA | |
| -Siren output:<620mA | |
| -Wireless Frequency: 433Mhz | |
| -Wireless Coding: eV1527 | |
| -GSM System: 850/900/1800/1900MHz | |
| -WIFI System: IEEE802.11b/g/n wireless standard | |
| -Spare Battery: 3.7V/1000mAh | |
| -Working Temperature: -10℃ ~ 55 ℃ | |
| -Relative Humidity: < 93% (no condensation) | |
| -Product Size: 160*98*18MM (L x H x T) | |

## Product Features

1. Adopting a CPU master with powerful embedded performance based on 32-bit Cortex-M3 core
2. WiFi networking alarm, supporting APP push, ensuring stable and reliable alarm performance
3. Support 4 remote controls and 200 wireless detectors to learn and store locations
4. Support main door, lobby, distress, bedroom, window, balcony, perimeter, smoke Multiple alarm types settings for gas, carbon monoxide, water leakage, etc
5. Support multiple extended alarm situations such as main power failure and backup battery shortage
6. Equipped with wireless sensor battery voltage low alarm function
7. Support for external defense, left behind defense, 24-hour defense zone, doorbell, etcMultiple alarm modes
8. Support voice operation prompts

## Technical Parameters

| | |
|---|---|
| -Input Voltage: AC220V | |
| -Alarm Current: 3.5W | |
| -Wireless Frequency: 433Mhz | |
| -Wireless Coding: eV1527/eV2262 | |
| -WIFI System: IEEE802.11b/g/n wireless standard | |
| -Working Temperature: -10℃~ 55 ℃ | |
| -Relative Humidity: < 93% (no condensation) | |
| -Product Size: 79*46MM | |

# WIFI+GSM/4G Alarm System

PG-500

## Product Features

·Supports 2G/4G/WiFi communication technology, enabling dial-up alarms and SMS notifications,
And APP notifications.
·8-way wired, 200 way wireless defense zone [supports renaming].
·Remote control learning code matching, can learn 8 wireless remote controls.
·LCD graphic display screen with built-in perpetual calendar clock,
·Full process live voice prompts, more user-friendly installation settings and daily operations.
·Automatically send a short message prompt when the battery is low.
·Short message prompts for power outage and communication recovery.
·Built in intercom speaker for duplex intercom function.
·Built in lithium battery rechargeable battery pack, with power outage alarm function.
·Support the main entrance, lobby, distress, bedroom, windows, balcony, perimeterMultiple alarm types such as smoke, gas, carbon monoxide, and water leakage are set.
·Support multiple alarm modes such as outbound defense, left behind defense, 24-hour defense zone, and doorbell.

## Technical Parameters

| |
|---|
| ·Input voltage: DC5V |
| ·Working current: off screen<100mA, on screen<200mA |
| ·Standby current:<55mA |
| ·Alarm current:<600mA |
| ·Wireless frequency: 433MHz (optional other frequencies) |
| ·Encoding method: ASK Ve1527 (330K)/2262 (4.7M) |
| ·GSM frequency band: 850/900/1800/1900MHz |
| ·Backup battery: 3.7V/1000mAh lithium battery |
| ·Alarm Loudness:> 100dB@1m |
| ·Wireless distance:<100m |
| ·Working temperature: -10 ℃ -55 ℃ |
| ·Relative humidity:<80% RH (without condensation) |
| ·Product size: 181 * 135.6 * 33mm (l * h * t) |

# NB/4G Alarm System

PG-122

## Product Features

● 2.4 inch TFT color display screen.
● Embedded CPU master with powerful performance based on 32-bit Cortex-M3 core.
● GPRS network alarm supports multi-channel alarm modes such as fire Internet of Things cloud platform, applet, official account, SMS, voice, etc., ensuring stable and reliable alarm performance.
● Support remote silencing, resetting, alarming, and setting of mini programs to facilitate user management of devices.
● Supports 512 wireless defense zones, 8 wired defense zones, and 1 wired alarm signal, as well as one relay normally open or normally closed signal output
● Support the setting of multiple defense zone names such as main door, lobby, distress, bedroom, window, balcony, perimeter, smoke, gas, carbon monoxide, water leakage, etc.
● Support the warning of main power failure and backup battery shortage.
● Support menu display and voice operation prompts in multiple languages.

## Technical Parameters

| |
|---|
| ● Input voltage: DC 5V |
| ● Backup battery: 3.7V/1000mA |
| ● Working current: < 70mA |
| ● Alarm output: < 400mA |
| ● Wireless frequency: 433Mhz |
| ● Wireless encoding: eV1527 |
| ● GSM format: 850/900/1800/1900MHz |
| ● Operating temperature: -10 ℃~55 ℃ |
| ● Product size: 260*198*46mm (l * h * t) |

# WIFI+GSM Alarm System



## PG-121



### Product Features

1. Adopting a 2.4 inch TFT color display screen;
2. Support multiple communication services for WIFI/GSM/4G/GPRS
3. Equipped with voice prompt function, supporting 11 commonly used national languages
4. Equipped with a high decibel alarm signal, the sound can reach 115dB
5. Built in doorbell function, emergency help function,
9. Equipped with battery low voltage alarm function;
7. Equipped with anti disassembly alarm function, providing warning for doors and windows not closed

### Technical Parameters

| |
|---|
| ● Input voltage: DC 5V |
| ● Backup battery: 3.7V/1000mA |
| ● Working current: < 150mA |
| ● Wireless frequency: 315/433/868/915Mhz (optional) |
| ● Wireless encoding: eV1527 |
| ● GSM format: 850/900/1800/1900MHz |
| ● WIFI format: IEEE802.11b/g/n wireless standard |
| ● Operating temperature: -10 ℃~55 ℃ |
| ● Product size: 265 * 265 * 79mm (l * h * t) |

# NB/Independent Carbon Monoxide Alarm

## PA-007N/007D



### Technical Parameters

| |
|---|
| Power supply: DC 4.5V (3 AA alkaline or carbon batteries) |
| Static current: < 30uA |
| Alarm current: < 35mA |
| Working temperature: 0 ° C~55 ° C |
| Working humidity: 10%~90% RH |
| Buzzer sound: > 70dB |
| Battery life: up to 1 year |
| Green light: normal monitoring (interval of 80S) |
| Red light: alarm |
| Fault yellow light: flashing during fault |
| Lifetime yellow light: Flashes when expired |
| Sensor life: up to three years |
| Low voltage alarm:<3.7V |
| Product size: 100.5 * 36mm |

# NB/Independent Carbon Monoxide Alarm

## PA-008N/008D



### Technical Parameters

| |
|---|
| Power supply: DC 4.5V (3 AA alkaline or carbon batteries) |
| Static current: < 30uA |
| Alarm current: < 35mA |
| Working temperature: 0 ° C~55 ° C |
| Working humidity: 10%~90% RH |
| Buzzer sound: > 70dB |
| Battery life: up to 1 year |
| Green light: normal monitoring (interval of 80S) |
| Red light: alarm |
| Fault yellow light: flashing during fault |
| Lifetime yellow light: Flashes when expired |
| Sensor life: up to three years |
| Low voltage alarm:<3.7V |
| Product size: 100 * 35.5mm |

# Independent Carbon Monoxide Alarm

## PA-002W

## Product Features

1. Adopting low-power MCU batteries with a lifespan of over 1 year;
2. 9V alkaline battery or carbon battery;
3. Carbon monoxide sensitivity: 300PPM 3 minute alarm;
   Carbon monoxide sensitivity: 100PPM, alarm in 10 to 40 minutes;
   Carbon monoxide sensitivity: 50PPM, 60-90 minute alarm;
4. Battery life: at least 1 year;
5. Low voltage alarm: 6V, mute function;
6. Real time LCD display function;
7. Sensor fault detection function (indicated by yellow LED).

## Technical Parameters

| | |
|---|---|
| Working voltage: 9V battery |
| Static current:<30mA |
| Alarm current:<35mA |
| Alarm loudness: ≥ 80dB (1m) |
| Battery life: at least one year |
| Working temperature: 0 ℃~55 ℃ |
| Relative humidity: 10%~90% RH, non condensing |
| Low voltage alarm: ≤ 6V |
| Product size: 126 * 126 * 35.5mm |

# Independent carbon monoxide alarm

## PA-003W

## Product Features

>Imported high stability dedicated logic chip and gas probe.
>Built-in small speaker and independent on-site alarm.
>Self-check, one-click test.
> LCD screen to display gas concentration.
>Easy installation, install to use.

**Alarm concentration:**

>At 30ppm makes alarm within 120 minutes
>At 50ppm makes alarm within 60-90 minutes
>At 100ppm makes alarm within 10-40 minutes
>At 300ppm, makes alarm within 3 minutes
>Sensor: using an innovative imported electrochemical carbon monoxide sensor

## Technical Parameters

| | |
|---|---|
| Working power supply: AC 220V or 9V battery |
| Static current:<50mA |
| Alarm current:<30mA |
| Alarm loudness: ≥ 85dB (1m) |
| Alarm output: AC220V, normally open or normally closed |
| Working temperature: 0 ℃~55 ℃ |
| Relative humidity: 10%~90% RH, non condensing |
| Low voltage alarm: ≤ 6.8V |
| Product size: 125 * 125 * 38mm |

# Combustible Gas Detector

## PA-209R/209L/209D
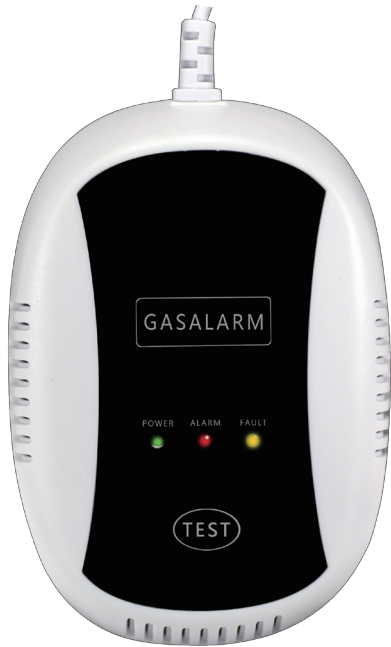


## Product Features

- On site alarm
- Simple installation
- high sensitivity
- Real time monitoring
- Flame retardant material
- Ultra low power consumption

## Technical Parameters

| |
|---|
| Working voltage: AC 220V |
| Power consumption: Static current:<100mA, alarm current:<150mA |
| Alarm range: Natural gas: 3%~15% LEL |
| Response time:<30s |
| Alarm sound: > 70 decibels (1m away from the front) |
| Installation method: wall mounted |
| Gas sensing element: service life of three years |
| Environmental temperature: -10 ° C~55 ° C |
| Relative humidity: 10%~95% RH |
| Air pressure: 86~106Kpa |
| Alarm method: normally open/normally closed+solenoid valve |
| Usage: Can be used independently or online |
| Executive standard: GB15322.2-2003 |
| Boundary dimension: 122 * 68 * 30MM |

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# Combustible Gas Detector

## PA-215R/PA-215L/PA-215



## Technical Parameters

| |
|---|
| Working voltage: AC220V ± 15%, 50HZ |
| Power consumption: standby ≤ 3W, alarm ≤ 6W |
| Alarm concentration: 6% LEL |
| Alarm sound intensity: ≥ 70dB (1 meter ahead) |
| Working environment: 0 ℃~+55 ℃, relative humidity<95% RH |
| Stability: Long term working alarm concentration error not greater than ± 5% LEL |
| Repeatability: The error in alarm concentration during repeated testing shall not exceed ± 3% LEL |
| Alarm concentration error: ± 3% LEL |
| Alarm method: sound and light alarm; Linkage solenoid valve output; Normally open/normally closed output (optional) |
| Wireless transmission: 1527 encoding, 330K oscillation resistor, 315M/433M frequency. (Optional) |
| Sampling method: natural diffusion |
| Detected gas: natural gas (CH4) |
| Executive standard: GB15322.2-2003 |
| Boundary dimension: 122 * 68 * 30MM |

# Combustible Gas Detector

## PA-210W/210N



## Product Features

> Real-time reporting of alarm concentration.
> With voice prompt alarm function.
> Support push gas alarm to the cloud.
> Support remote self-inspection of device.
> Support reporting NB signal strength.
> Anti-electromagnetic interference, anti-radio frequency interference.
> Support APP push, call and SMS push alarm information.
> Support access to telecommunications and mobile cloud platforms, and support access to private cloud platforms.
> Adopt gas sensor with high sensitivity, high stability and long life.

## Technical Parameters

| | |
|---|---|
| Input voltage: DC 5V (powered by micro USB standard interface) | |
| Working current:<150mA | |
| Response time:<30s | |
| Gas sensing element: service life of three years | |
| Installation method: wall mounted | |
| Air pressure: 86~106Kpa | |
| Working temperature: 0-55 ℃ | |
| Relative humidity:<80% (no condensation) | |
| Product size: 99.5x99.5X34mm | |

# Combustible Gas Detector

## PA-216D/216N



## Product Features

| Easy installation | High sensitivity | 90db |
|---|---|---|
| Sound and light alarm | Ultra low power consumption | Precise detection |

## Technical Parameters

| | |
|---|---|
| Input voltage: DC 5V (powered by micro USB standard interface) | |
| Static power consumption:<1W,<2W during alarm | |
| Alarm concentration: natural gas 0.1%~1% | |
| Gas response recovery time:<30s | |
| Installation method: wall mounted | |
| Working temperature: -10 ℃~55 ℃, | |
| Working humidity:<97% RH | |
| Executive standard: GB15322.2-2003 | |
| Product size: 109 * 34mm | |

# Combustible Gas Detector

## PA-217NB



### Product Features



Easy installation    High sensitivity    Precise detection

Sound and light alarm    Ultra low power consumption    80db

### Technical Parameters

| |
|---|
| Working voltage: AC 220V/50Hz |
| Static power consumption:<2W; Alarm power consumption<5W |
| Alarm concentration: 8% LEL |
| Gas response recovery time:  < 30S |
| Working environment: humidity: ≤ 97% RH; Temperature: -10 ℃~50 ℃ |
| Detected gas: methane (CH4) |
| Executive standard: GB15322.2-2019 |
| Service life: three years |
| Product size: 110 * 60 * 33mm |

# Combustible Gas Detector

## PA-219DE/PA-219NB



### Product Features



On site alarm    Simple installation    high sensitivity

Real time monitoring    Flame retardant material    Ultra low power consumption

### Technical Parameters

| |
|---|
| Working voltage: AC 220V/50Hz |
| Standby current:  < 10MA |
| Standby power:  < 1W; Alarm power<3W |
| Range: 0-16% LEL |
| Alarm concentration: 8% LEL |
| Gas response recovery time:  < 30S |
| Working environment: humidity ≤ 95% RH |
| Temperature: -10 ℃~55 ℃ |
| Detection gas: methane, propane |
| Executive standard: GB15322.2-2019 |
| Service life: three years |
| Product size: 110 * 70 * 45mm |

# Combustible Gas Detector

## PA-220/PA-220NB



# Combustible Gas Detector

## PA-816



## Product Features



On site alarm



Simple installation



high sensitivity



Real time monitoring



Flame retardant material



Ultra low power consumption

## Technical Parameters

| | |
|---|---|
| Working voltage: AC 220V/50Hz | |
| Standby power:<1W; Alarm power<3W | |
| Range: 0-16% LEL | |
| Alarm concentration: 8% LEL | |
| Gas response recovery time: < 30S | |
| Working humidity: 93% ± 3% RH | |
| Working temperature: -10 ℃~50 ℃ | |
| Executive standard: GB15322.2-2019 | |
| Service life: three years | |
| Detection gas: methane, propane | |
| Product size: 122 * 68 * 35.5mm | |

## Technical Parameters

| | |
|---|---|
| Working power supply: AC110V~240V | Power: < 2W |
| Sensor type: catalytic combustion sensor | Alarm setting value: 8% LEL |
| Alarm error: ± 3% LEL | Response time:<30 seconds |
| Sensor service life: 3 years | Alarm volume:>70db (1m directly ahead) |
| Atmospheric pressure: 86kpa~106kpa | Installation method: wall mounted |
| Control output interface: DC12V: connected to solenoid valve or robotic arm | |
| Applicable gases: methane (CH4), natural gas, propane (C3H8), liquefied gas (optional) | |
| Installation environment: Temperature: -10 ℃~55 ℃; Humidity: ≤ 95% RH (without condensation); | |
| Executive standard: GB15322.2-2019 | |
| Product size: 111 × 70 × 45.6mm | |

# Smoke Detector

## PA-441B



### Product Features

> Exclusive smoke intelligent algorithm.

> High sensitivity, zero false alarms, strong anti-interference.

> High sensitivity and strong stability.

> Install and use, free of wiring and plug-in troubles.

> Ceiling type easy installation.

> Super tweeter on-site buzzer alarm.

> The detector is powered by a battery, and the battery life can reach more than one year.

> Low power consumption, with an undervoltage indicator signal when the battery power supply is insufficient.

> Support access to telecommunications and mobile cloud platforms, and support access to private cloud platforms.

### Technical Parameters

| | |
|---|---|
| Power supply: DC3V alkaline battery | |
| Quiescent current:<15UA | |
| Alarm current:<30mA | |
| Working temperature: -10 ° C~+50 ° C | |
| Relative humidity: ≤ 95% RH, non condensing | |
| Executive standard: GB20517-2006 | |
| Alarm sound: > 80dB | |
| Low voltage of battery:<2.3V | |
| External dimensions: 90 * 90 * 35mm | |

# Smoke detector

## PA-441D/441N/441W



### Product Features

> Exclusive smoke intelligent algorithm.

> High sensitivity, zero false alarms, strong anti-interference.

> High sensitivity and strong stability.

> Install and use, free of wiring and plug-in troubles.

> Ceiling type easy installation.

> Super tweeter on-site buzzer alarm.

> The detector is powered by a battery, and the battery life can reach more than one year.

> Low power consumption, with an undervoltage indicator signal when the battery power supply is insufficient.

> Support access to telecommunications and mobile cloud platforms, and support access to private cloud platforms.

### Technical Parameters

| | |
|---|---|
| Power supply: DC9V alkaline battery | |
| Quiescent current:<15UA | |
| Alarm current:<200mA | |
| Working temperature: -10 ° C~+50 ° C | |
| Relative humidity: ≤ 95% RH, non condensing | |
| Executive standard: GB20517-2006 | |
| Alarm sound: > 80dB | |
| Battery low voltage:<6.5V+0.2V | |
| Boundary dimension: 106 * 106 * 41.5mm | |

# Smoke detector
## PA-437D

CE 22
0905
EN 14604:2005

# WiFi Smoke detector
## PA-443D/443W

## Product Features

Live strobe and sound alarm

Easy installation

High sensitivity

Real time monitoring

Photoelectric sensor

Flame retardant material

Low power consumption

> 85dB

## Technical Parameters

| | |
|---|---|
| Power supply: DC9V battery (6LR61/9V) | |
| Quiescent current:<20uA | |
| Alarm current:<150mA | |
| Sensitivity: 0.05-2.0dB/m | |
| Working temperature: 0-50 ° C | |
| Relative humidity: ≤ 95% RH, non condensing | |
| Alarm sound: ≥ 85dB@3m | |
| Boundary dimension: 107 * 107 * 45mm | |

## Product Features

> Tuya cloud platform APP alarm information push.
> High sensitivity, low power consumption, strong stability.
> Ultra long life battery power supply.
> Install to use, no wiring plug trouble.
> Ceiling installation.
> Live alarm with ultra loud buzzer.
> 360°all-round alarm.
> ABS flame retardant shell material.
> Using high-performance microprocessor.

## Technical Parameters

| | |
|---|---|
| Power supply: DC9V battery (6LR61/9V) | |
| Quiescent current:<20uA | |
| Alarm current:<150mA | |
| Sensitivity: 0.05-2.0dB/m | |
| Working temperature: 0-50 ° C | |
| Relative humidity: ≤ 95% RH, non condensing | |
| Alarm sound: ≥ 85dB@3m | |
| Battery low voltage alarm: ≤ 7.0V ± 0.2V | |
| Boundary dimension: 107 * 107 * 45mm | |

# Wifi Temperature & Humidity Sensor

## PA-010W
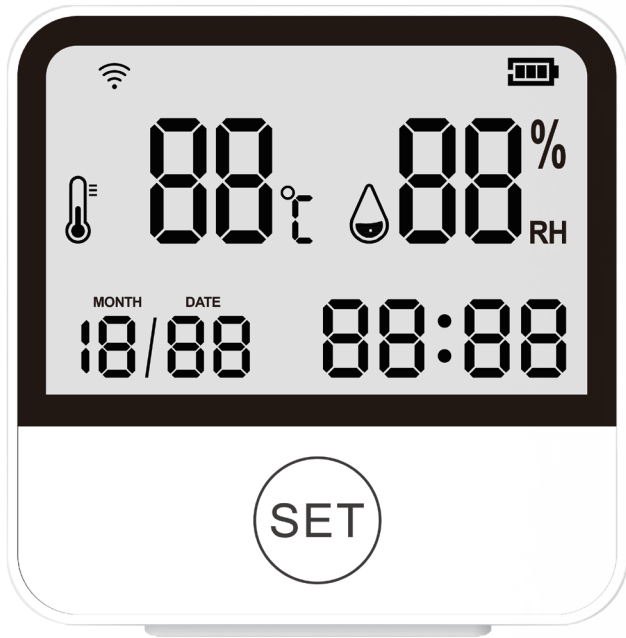


## Product Features

**Mobile phone monitoring**

**Temperature limit alarm**

**Scene linkage**

**Low battery reminder**

**Industrial sensing**

**History record**

## Technical Parameters

| |
|---|
| Working voltage: DC4.5V (3 AA alkaline batteries or carbon batteries) |
| Standby current: ≤ 30uA |
| Working current:<50mA |
| Working environment: -40 ° C-125 ° C |
| Product size: 69.5X69.5X26mm |

# Wireless Infrared Detector

## PA-86R



## Product Features

>Binary infrared detection elements and Micro processing chip, high intelligent, high sensitivity.
>Detective range can get to 12m, horizontal angle 110°, vertical angle 15°.
>Alarm signal transmission by RF.
>Wall mounting, save space.

## Technical Parameters

| |
|---|
| Working voltage: 9V |
| Standby current: ≤ 20-30uA |
| Alarm current:<25mA |
| Transmission frequency: 433Mhz |
| transmission distance: ≥ 120m |
| Encoding method: eV1527 |
| Maximum coverage area: 12 * 12m |
| Product size: 60.5 * 110.4 * 48mm |

# Wireless Infrared Detector

## PA-92R

## Product Features

>Adopt CMOS low-power consumption microprocessor.
>Low voltage alert function
>Anti high frequency interference.
>Transfer digital wireless signals.
>Intelligent logic analysis to avoid fault alarm.
>Anti white light.
>Anti radiation.
>Detecting illegal intrusion.

## Technical Parameters

| | |
|---|---|
| Working voltage: 3V (AAA * 2 alkaline battery) | |
| Standby current: ≤ 15uA | |
| Alarm current:<25mA | |
| Transmission frequency: 315/433 (ASK)/868 (FSK) Mhz (optional) | |
| Launch distance: ≥ 80m (open distance) | |
| Transmission power: ≤ 10dB | |
| Encoding method: eV1527 | |
| Detection range: 8-12m (25 ℃) | |
| Operating temperature: -10~55 ℃ | |
| Product size: 40 * 105 * 26mm | |

# Wireless Door Sensor

## PB-70

## Product Features

1. Sound prompt
2. Low power design
3. Long service life of No.5 alkaline battery
4. Applicable to a variety of fields, epidemic prevention
and isolation, intelligent fire control, door and window detection
5. Actual monitoring status and power of platform management
6. Support multi platform, mobile, telecom, Unicom and kaiwan
7. 5dB antenna, strong signal
8. Support platform management, wechat push, phone, SMS
and other alarm notifications

## Technical Parameters

| | |
|---|---|
| Working voltage: 3V (2 No. 5 batteries) | |
| Quiescent current:<20 uA | |
| Working temperature: -10~+55 ℃ | |
| Installation method: wall mounted | |
| Low voltage alarm value: < 2.6V | |
| Working current: < 80mA | |
| Working humidity:<95% | |
| Positive and negative pole sensing distance: 25mm | |
| Product size: Emitter: 100.5 * 45 * 21.5mm | |
| Magnetic stripe: 46 * 16 * 15mm | |

# NB/WiFi Wireless Door Sensor

## PB-69N/69W

产品宣传页

# Wireless Door Sensor

## PB-68R

## Product Features

> Detect whether doors, windows, drawers, etc. have been opened or moved illegally.

>Anti-tamper design, timely alarm for illegal demolition, safer protection.

> Easy installation: wireless communication, built-in battery, simple and convenient installation, reducing construction time.

> Easy maintenance: real-time monitoring of equipment operating status and battery voltage status.

> Easy to manage: you can receive alarm notifications through the PC client platform, network SMS, etc.,know the opening status of doors and windows in real time.

> Low power consumption: battery life can reach more than one year.

## Technical Parameters

| Working voltage: 3V (2 batteries of No. 7) |
| --- |
| Standby current:<20uA |
| Alarm current:<80mA |
| Standby time: 10-12 months |
| Working temperature: -10 ℃~55 ℃ |
| Storage humidity: ≤ 95% RH |
| Product size: Magnetic stripe: 46 * 12 * 17.5mm |
| Emitter: 76 * 32 * 20mm |

## Product Features

>Door open/close alert.

>Door/ window open / close detecting. Suitable for installation on door / window / glass.

>Tamper alarm.

>Easy installation, simple to use.

## Technical Parameters

| Working voltage: 3V |
| --- |
| Transmission frequency: 315/433/868MHZ |
| Encoding method: EV1527 |
| Launch distance: ≥ 120m (open) |
| Low voltage alarm: 2.3V |
| Storage humidity: ≤ 95% RH |
| Product size: Magnetic stripe: 11 * 44 * 13.5mm |
| Emitter: 30 * 68 * 15mm |

# NB/WiFi Wireless Door Sensor

## PB-67R

## Product Features

>Exclusive door window sensor with sos button. Bring more safety to users.

>Door/ window open / close detecting at a triggering distance of 10mm. Wireless transmission range can reach up to 80m.

>No underreporting, no misreporting. Easy installation, simple to use.

## Technical Parameters

| | |
|---|---|
| Working voltage: DC 3V (button cell) | |
| Static current: ≤ 1uA | |
| Working current: ≤ 12mA | |
| Working temperature: -10 ℃~50 ℃ | |
| Launch distance: ≥ 100m (open distance) | |
| Undervoltage detection point: 2.2 ± 0.2V | |
| Transmission frequency: 315/433/868MHZ (optional) | |
| Encoding method: EV1527 | |
| Product size: Magnetic stripe: 10.2 * 40.2 * 12.8mm | |
| Emitter: 23 * 60 * 13mm | |

# WIFI Water Leakage Detector

## PH-10

## Product Features

>Detector and sensor separated design.
>High precision and sensitivity.
>High stability and reliability.
>Stick to use, free of tool installation.
>Small and stylish design.
>Real time detecting and alert of water leakage.

## Technical Parameters

| | |
|---|---|
| Working voltage: DC 3V (button cell) | |
| Standby current:<5mA | |
| Alarm current:<20mA | |
| Working temperature: -10 ℃~50 ℃ | |
| Launch distance: ≥ 100m (open) | |
| Transmission frequency: 433/868MHz/2.4GHz | |

# Wireless Remote Controller
## PF-50



### Product Features

>Coding mode: support both 1527.

>80m wireless transmission distance in open area.

>Global used standard wireless transmit, ASK modulation transmit.

Wireless frequency: 433.92MHZ ± 100KHZ

### Technical Parameters

| | |
|---|---|
| Working voltage: DC 3V | |
| Working current: 15mA | |
| Oscillation mode: chip 1527 | |
| Transmission distance: 80-150m | |
| Wireless frequency: 315/433MHZ (optional) | |
| Product size: 56.6 * 32 * 10.6mm | |

# SOS Button
## PJ-12



### Product Features

>SOS emergency alarm.

>Easy installation without wiring.

>Elderly care.

>Patient care.

>Emergency help.

### Technical Parameters

| | |
|---|---|
| Working voltage: DC 3V (button cell) | |
| Static current: ≤ 1uA | |
| Dynamic current: ≤ 20mA | |
| Oscillation resistance: 280-380K | |
| Wireless frequency: 433.92MHz ± 100KHZ | |
| Product size: 50 * 50 * 13mm | |

# Wired Sound and Light Alarm
## PE-514L



## Product Features

> Adopt ABS flame-retardant shell,
  high temperature resistance;

> Super loud siren horn + flashing LED light;

> Alarm sound: ≥90dB

> Strong environmental applicability.

> On-site alarm;

> Original chip;

## Technical Parameters

| | |
|---|---|
| Working voltage: DC24VDC12V | |
| Working current: 5-65mA | |
| Flash intensity: ≥ 1.2WS | |
| Flash cycle: ≤ 1.55s | |
| Flash strobe life: ≥ 4000 | |
| Environmental temperature: -10~+55 ℃ | |
| Environmental humidity: ≤ 95% | |
| Size: 134X115X48mm | |

# Wireless outdoor solar powered strobe siren
## PE-523/523W



## Product Features

>Stylish and waterproof design, suitable for outdoor use.
>High-intensity warning lights and high-decibel sirens, intense more warning.
>Can be used as an alarm host, or a high-power sound and light siren, widely used.
>Powered by solar energy.

## Place of application

Home, shop, garage, warehouse, farm shed, etc. (especially suitable for the guarded places with large areas)

## Technical Parameters

| |
|---|
| External power supply voltage: DC5V/1A |
| Solar panel output voltage: 5.0V |
| Standby current:<1 mA |
| Alarm current: < 150mA |
| Alarm sound pressure: > 100dB |
| Wireless frequency: 433MHz |
| Waterproof grade: IP65 |
| Encoding method: supports EV1527/2262 |
| Backup battery: 3.7V 1000mA lithium battery |
| Applicable temperature: -20 ℃ -55 ℃ |
| humidity: 40% -80% (non condensing) |
| Shell size: 164.3×124.3×59mm |

# Wireless Indoor Strobe Siren

## PE-519R



## Product Features

>Stylish and suitable for indoor and outdoor use
>Set high-intensity warning lights and high-decibel sirens, with more warning
>Can be used as an alarm host, or a high-power sound and light siren, widely used
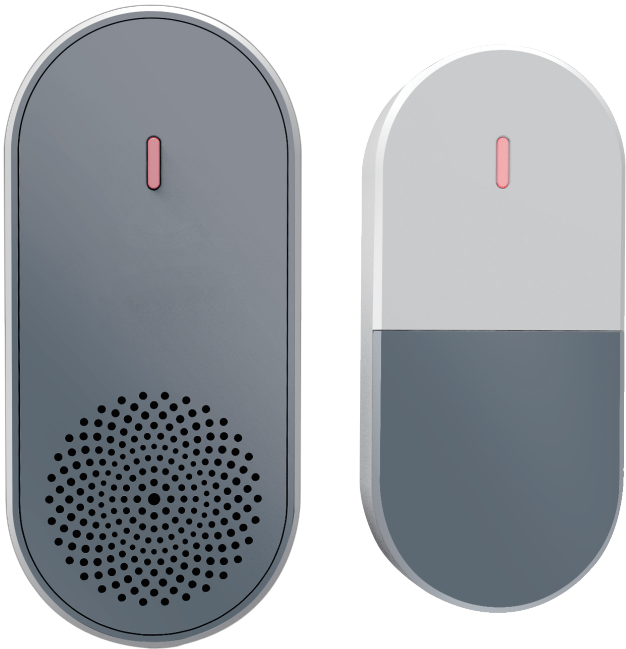
## Place of application

Home, shop, garage, warehouse, farm shed, etc. (especially suitable for the guarded places with large areas)

## Technical Parameters

| | |
|---|---|
| Working voltage: DC5V/1A | |
| Standby power consumption:<13 mA | |
| Alarm current: < 230mA | |
| Alarm sound pressure: > 90dB | |
| Wireless frequency: 315/433MHz (optional) | |
| Encoding method: SC1527IC/4.7MQ | |
| Applicable temperature: -20 ° C -55 ° C, | |
| Applicable humidity: 40% -80% (non condensing) | |
| Product size: 81 * 81 * 36.2mm | |

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# Smart  Wireless  Doorbell

## PJ-13-14



## Product Features

> Adopt the most stable music chip in the industry

> 36 beautiful polyphonic ringtones, visitors press the button, the hub rings up inside

> 8-level volume adjustable, different sound use in different environment

> Long distance wireless transmission and low power consumption. Used for big house

> Doorbell button can pair with doorbell hub

> 150 square meters audible

> Power-down memory function

## Technical Parameters

| | |
|---|---|
| Working voltage: AC110-240V | |
| Wireless frequency: 433MHz | |
| Encoding method: 1527/330KQ | |
| Applicable temperature: -20 ° C~+55 ℃ | |
| Applicable humidity: 40%~80% RH | |
| Working distance: open 100m | |
| Product size: 98.2×45.6×45mm (US standard) | |
| 89×40×15mm(button) | |

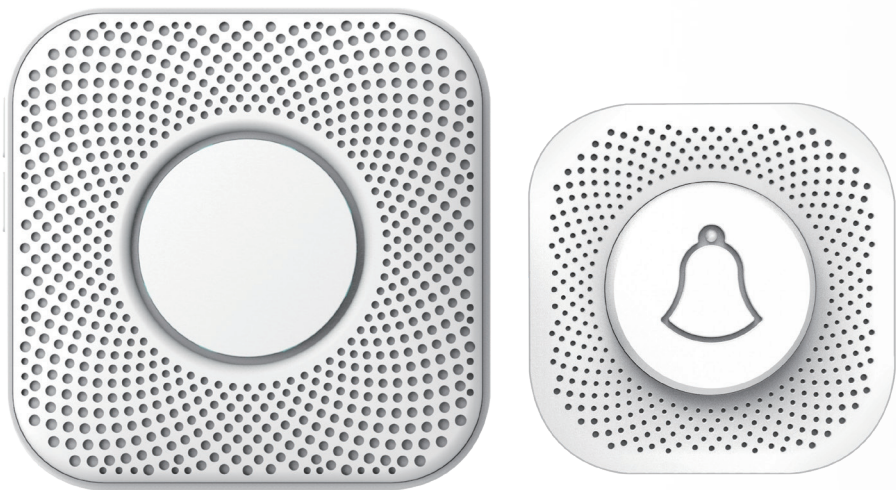# Smart Wireless Doorbell

## PJ-16-19



### Product Features

> Adopt the most stable music chip in the industry

> 36 beautiful polyphonic ringtones, visitors press the button, the hub rings up inside

> 8-level volume adjustable, different sound use in different environment

> Long distance wireless transmission and low power consumption. Used for big house

> Doorbell button can pair with doorbell hub

> 150 square meters audible

> Power-down memory function

### Technical Parameters

| | |
|---|---|
| Working voltage: AC110-240V | |
| Wireless frequency: 433MHz | |
| Encoding method: 1527/330KQ | |
| Applicable temperature: -20℃~+55℃ | |
| Applicable humidity: 40%~80% RH | |
| Working distance: open 100m | |
| Product size: 80 * 80 * 53mm (US standard) | |
| 80 * 80 * 72mm (European standard) | |
| 70 * 70 * 18.3mm (button) | |

# Smart Wireless Doorbell

## PJ-15-16



### Product Features

> Adopt the most stable music chip in the industry

> 36 beautiful polyphonic ringtones, visitors press the button, the hub rings up inside

> 8-level volume adjustable, different sound use in different environment

> Long distance wireless transmission and low power consumption. Used for big house

> Doorbell button can pair with doorbell hub

> 150 square meters audible

> Power-down memory function

### Technical Parameters

| | |
|---|---|
| Working voltage: AC110-240V | |
| Wireless frequency: 433MHz | |
| Encoding method: 1527/330KQ | |
| Applicable temperature: -20℃~+55℃ | |
| Applicable humidity: 40%~80% RH | |
| Working distance: open 100m | |
| Product size: 80 * 80 * 53mm (US standard) | |
| 80 * 80 * 72mm (European standard) | |
| 45.5 * 45.5 * 17mm (button) | |

# Wireless Smart Alarm Welcomer

## PM-101
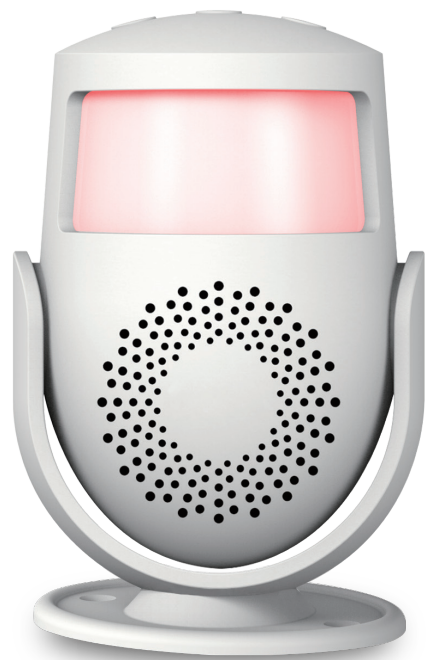
## Product Features

> Low battery alert.

> Welcome during the day, guard against burglar at night (multiple modes, free to switch).

> Smart voice, support voice customization.

> Remote operation, APP remote operation & alarm push.

> Power-off memory, no need to readjust voice.

## Technical Parameters

| |
|---|
| Power supply mode: DC-5V 1A |
| Powered by Micro USB interface or 3 No. 7 batteries |
| Environmental temperature: -20℃~55℃ |
| Sensing distance: 0-6 meters |
| Product size: 58x×58×49.4mm |

# City IoT alarm system

Gas detector

Smoke detector

Co detector

PIR

Door sensor

Doorbell

Vibration sensor

Water leak detector

sos button

Beam detector

IP camera

Outdoor solar strobe siren

wifi gsm panel

RF(915/868/433/315MHz)/WiFi/Zigbee /Zwave/Bluetoth/Lora

Cloud service

Platform management

4G/WiFi/GSM/

Wireless Indoor Strobe Siren

RFID tag

Arm/disarm by remote controller

APP control

Smoke
Detector

HD IP Camera
Alarm System

Infrared curtain
detector

PIR
Detector

Gas
Detector

Door Sensor

Smart
doorbell

Smart Socket

Smart
lock

# Smart Fire Fighting Solution

**Technical Safeguard**

**Artificial Protection**

**Technology Elimination**

**Information Sharing**

NB gas detector

NB co detector

NB smoke detector

NB water leak detector

NB fireproof alarm system

NB IP camera

NB strobe siren

NB-IoT base station

Cloud
Smart fire management platform

APP

Management

SECURITY
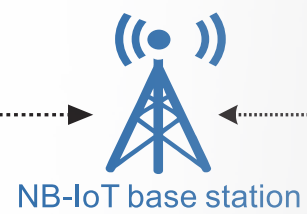
- Platform message push
- Fire handling
- Inspect&Management
- Devices Management

- Data Statistics
- Monitoring& Management

- APP
- Call
- SMS

- Resource Management
- Message Share

Police Service Platform

- Real-time monitoring
- Call police with positioning

- Self-inspection&Report
- Notify&Proclamation

71

72

# Smart home security solutions

Outdoor Flash Siren

Door Sensor

Smoke Detector

PIR Detector

Smart Socket

Smart doorbell

Magic Lamp

SOS Alarm Button

HD IP Camera Alarm System

Vibration Sensor
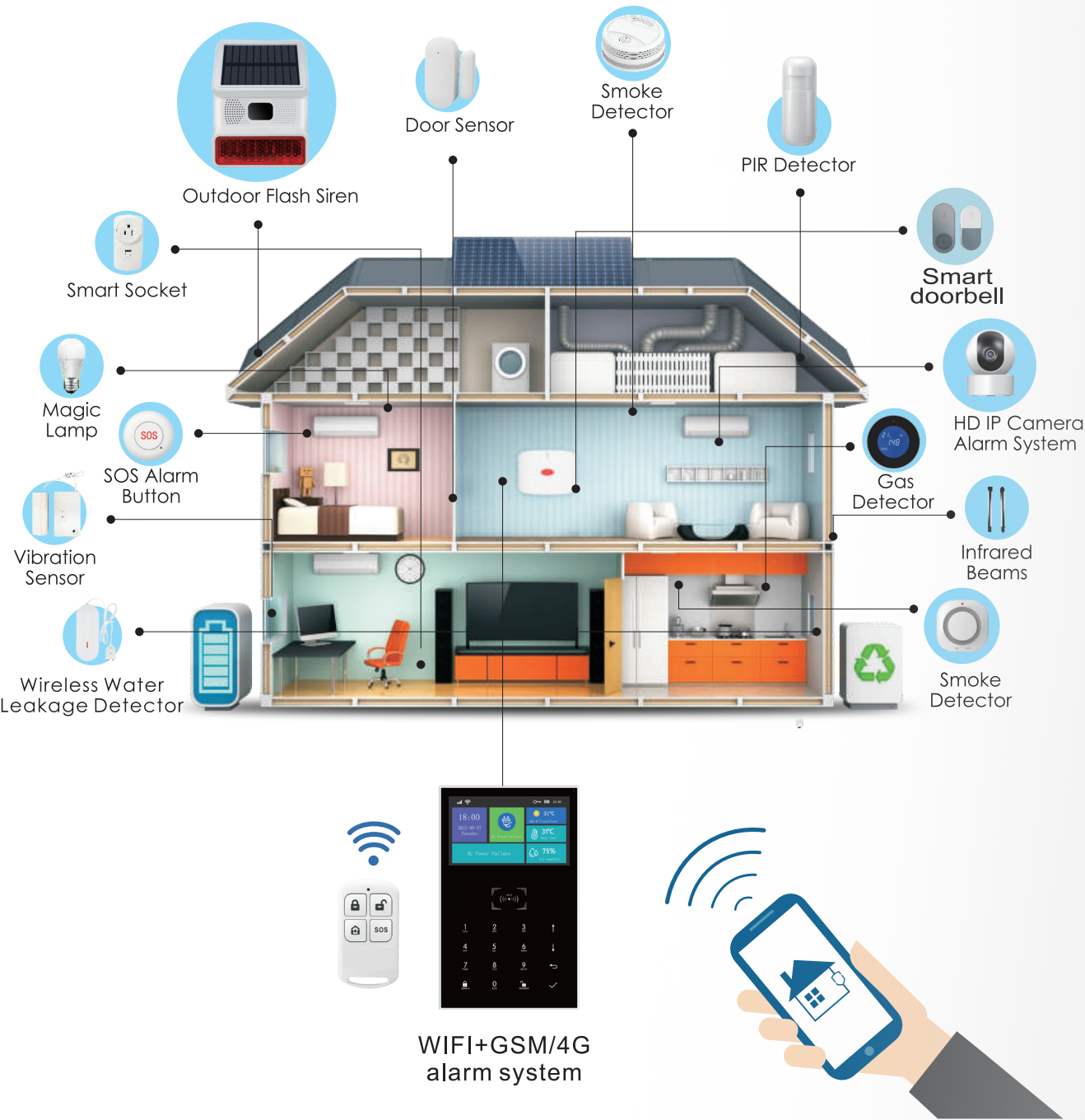
Gas Detector

Infrared Beams

Wireless Water Leakage Detector

Smoke Detector

WIFI+GSM/4G alarm system

# Smart Elderly Care Solution

Gas detector

Control panel

Smoke detector

Solar siren

CO detector

PIR detector

**Living safety**

Water leak detector

Door sensor

Beam detector

Vibration sensor

Smart doorbell

**Happy Life**

**Suitable for the elderly**

Temperature detetion

Intelligent switch

Smart welcomer

Smart socket

IP camera

SOS button

Magic lamp

Elderly

Intrusion alarm

Perimeter alarm

Fire alarm

Emergency

Security monitoring center

Child cell phone

Community elderly service station

119 → Fire truck dispatched

110 → Police car out of police

120

Cloud service

Central hospital → ambulance

Home care service

Timely rescue