Heiman
Build a Safe Smart Home

ISO9001 ISO14001 ISO45001 IPMS BSCI

HEIMAN, an expert manufacturer of **fire safety alarms and smart home sensors** with **19** years of experience,was established in 2005 in Shenzhen with a domestic network of **31** offices.

We operate with an annual production capacity of **24 million units**, facilitated by our **20,000 ㎡** automated production line. We possess a 1,000 ㎡ laboratory accredited by CNAS, as well as a portfolio of more than **300** national and international patents and certifications. Our products cater to a global clientele in over 100 countries.



Established in 2005

National High-tech Enterprises

Little Giant Enterprises

CNAS

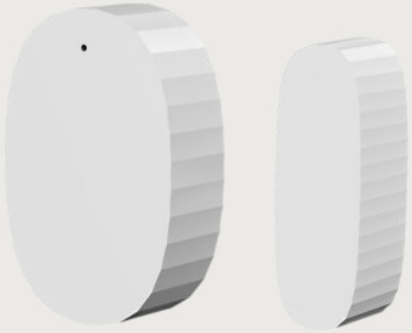
National CNAS laboratory


TINY-K1
reddot
award Winner
matter
TWIST ON
DO NOT PAINT
Heiman
26.8
68.3

MATTER OVER THREAD SMART SENSOR



Matter motion sensor



Matter door sensor



Matter Tem.&Humudity sensor

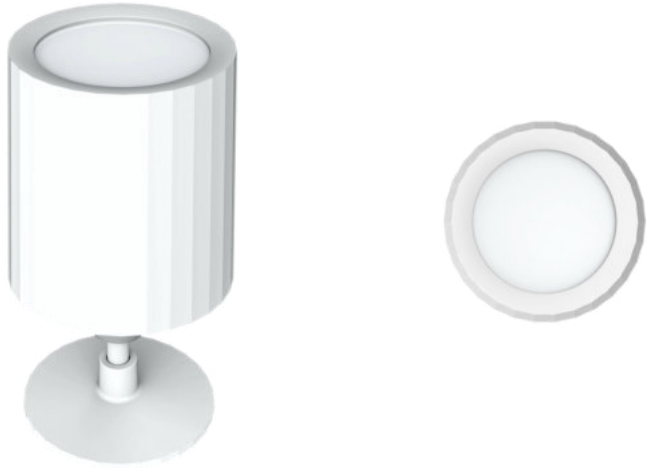


Matter smoke alarm



Matter co alarm

Matter Smart Motion Sensor M1-M



SPEC :

1. Working Voltage: DC3.0 V（1*CR2 battery)
2. Networking: Matter over Thread(2.4GHz)
3. Wireless Distance: ≤70m (in open area)
4. Illuminance detection range: 0-1200Lux
5. Detection Range: Wall mounted: 6m
6. Ceiling mounted: detection diameter 6m, 110°
7. Battery Lifepsan: MAX 2 years
8. OTA Function: Support OTA
9. Working Temperature: -10℃~+55℃
10. Working Humidity: ≤95%RH（no condensation）
11. Installation: Ceiling or wall mounted
12. Product Size: φ42xH43mm（bracked not included）

works with alexa

works with Google Home

Works with Apple Home

Works with SmartThings

Home Assistant

Features :

1. Mini size and smart design won red dot awards ;
2. Matter protocol, seamless access to other Matter ecosystems. such as google, Amazon, Apple ,etc
3. Adopt matter over Thread technology, MESH network make it more stable, large network capacity, no single point of failure, network self-healing, stable work;
4. Support illumination detection and reporting;
5. Tool-free installation design, paste and use, support ceiling wall hanging;

Matter Smart Door Sensor D1-M



SPEC :

1. Working Voltage: DC3.0 V（1*CR2 battery)
2. Networking: Matter over Thread(2.4GHz)
3. Wireless Distance: ≤70m (in open area)
4. Detection distance: ≥ 20mm
5. Detection Range: Wall mounted: 6m
6. Protection grade: IP41
7. Battery Lifepsan: MAX 1 year
8. OTA Function: Support OTA
9. Working Temperature: -10℃~+55℃
10. Working Humidity: ≤95%RH（no condensation）
11. Installation: Ceiling or wall mounted
12. Product Size: Magnet size: 31 * 11 * 13.5mm

Detector size: 38 * 24.7 * 14 mm

works with alexa

works with Google Home

Works with Apple Home

Works with SmartThings

Home Assistant

Features :

1. Mini size and smart design won red dot awards ;
2. Matter protocol, seamless access to other Matter ecosystems.such as google, Amazon, Apple ,etc
3. Adopt matter over Thread technology, MESH network make it more stable, large network capacity, no single point of failure, network self-healing, stable work;
4. Real time monitoring of door/window closing/opening
5. Support tamper alarm for more secure use
6. Tool-free installation design, paste and use

Matter Smart Temperature and Humidity Sensor H1-M



SPEC :

1. Working Voltage: DC3.0 V（1*CR2450 battery)
2. Networking: Matter over Thread(2.4GHz)
3. Wireless Distance: ≤70m (in open area)
4. Product size: Φ 42 × H17.8mm
5. Battery Lifepsan: Max 1 year
6. OTA Function: Support OTA
7. Working Temperature: -10℃~+55℃
8. Working Humidity: ≤95%RH（no condensation）

works with alexa

works with Google Home

Works with Apple Home

Works with SmartThings

Home Assistant

Features :

1. Mini size and smart design won red dot awards ;
2. Matter protocol, seamless access to other Matter ecosystems.such as google, Amazon, Apple ,etc
3. Adopt matter over Thread technology, MESH network make it more stable, large network capacity, no single point of failure, network self-healing, stable work;
4. Real time monitoring of the temperature and humidity
5. Digital high-precision temperature and humidity sensor
6. Tool-free installation design, paste and use ,or desk place

Matter Smart Smoke Alarm HS1SA-M



SPEC :

1. Working Voltage:DC3V CR123A lithium battery
2. Sensor life: 10 years. photoelectric sensor
3. Networking:Matter over thread
4. Sound Alarm:85dB/3m
5. Wireless networking distance:≤70m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 60*60*49.2mm
10. Sensitivity: 0.089-0.25dB/m
11. EN14604 approved

Works with SmartThings

Home Assistant

Features :

1. Matter protocol support ,makes your smart home to work across platforms,support access to Google,Apple,Smartthings and other matter ecosystems.The only other thing you need is a matchinghub of the platform of your choice.
2. Photoelectric sensor smoke alarms helps to monitor smoke and fires quickly, provides the warning of fires as soon as possible.
3. 85-decibel alarm & LED warning indicators alert you to emergency situations.
4. Low power alert and report function inform you to change battery when needed.
5. Reddot design award winner. Tool Free DIY installation.

Matter Smart Carbon Monoxdie (CO) Alarm HM720ES-M



SPEC :

1. Working Vol.: DC3V
2. Battery : 2x1.5V AA alkaline battery
3. Sensor lifespan: Max. 10 years
4. Sound Level: ≥85dB / 3m
5. Networking: Matter over thread
6. Warm-up period: Approx. 90 seconds
7. Installation: Wall mounting
8. Alarm sensitivity:
   30ppm (120 minutes) 50ppm (60-90minutes)
   100ppm (10-40minutes) 300ppm (3minutes)
9. Working Temperature: -10℃~+50℃
10. Working Humidity: ≤95% RH
11. Dimensions: 85*85*24mm
12. EN50291 approved

Features :

1. Matter protocol support , makes your smart home to work across platforms, support access to Google,Apple,Samsung and other matter ecosystems.The only other thing you need is a matchinghub ofthe platform of your choice.
2. uses advanced electrochemical sensor to detect elevated carbon monoxide levels.
3. A single button allows user to silence unwanted alarm
4. APP remotely alerts the alarm information
5. Low battery warning function,alerts user when the batteries need

Works with SmartThings

Home Assistant

Matter Smart Smoke Alarm S1-M



SPEC :

1. Working voltage: DC3V (CR123A)
2. Sensor life: 10 years, Infrared photoelectrical sensor
3. Alarm mode: audible and visual alarm,
5. Alarm sound pressure: ≥ 85dB (3m in front)
6. Networking mode: Matter over Thread
7. Operating temperature: - 10 ° C~+55 ° C
8. Operating humidity: ≤ 95% RH (no condensation)
9. Product size: Φ 70× H37mm
10. UL 217 Approved

Works with SmartThings

Home Assistant

Features :

1. Matter protocol support ,makes your smart home to work across platforms,support access to Google,Apple,Smartthings and other matter ecosystems.The only other thing you need is a matchinghub of the platform of your choice.
2. Photoelectric sensor smoke alarms helps to monitor smoke and fires quickly, provides the warning of fires as soon as possible.
3. 85-decibel alarm & LED warning indicators alert you to emergency situations.
4. Low power alert and report function inform you to change battery when needed.
5. Reddot design award winner. Tool Free DIY installation.

Matter Smart Carbon Monoxdie (CO) Alarm C1-M



SPEC :

1. Working voltage: DC3V (CR123A)
2. Sensor life: 10 years, Fibaro electrochemical sensor
3. Alarm mode: audible and visual alarm, APP push
4. Response concentration: 30/70/150/400ppm
5. Alarm sound pressure: ≥ 85dB (3m in front)
6. Networking mode: Matter over Thread
7. Wireless distance: ≤ 70m (open environment)
8. Operating temperature: 4.4° C~+37.8 ° C
9. Operating humidity: ≤ 95% RH (no condensation)
10 Product size: Φ 70× H37mm
11. UL 2034 Approved

Works with SmartThings

Home Assistant

Features :

1. Matter protocol support , makes your smart home to work across platforms, support access to Google,Apple,Samsung and other matter ecosystems.The only other thing you need is a matchinghub ofthe platform of your choice.
2. uses advanced electrochemical sensor to detect elevated carbon monoxide levels.
3. A single button allows user to silence unwanted alarm
4. APP remotely alerts the alarm information
5. Low battery warning function,alerts user when the batteries need

Matter Smart metering Plug HS2SK-M



SPEC :

1. Working Vol.: AC100-240V
2. Average Power Consumption: <0.5W
3. Maximum Load: 3000W
4. Measured Voltage Range: AC100V~240V
5. Measured Current Range: <16A
6. Networking: Matter over Thread(2.4GHz)
7. Working Temperature: -10℃~+50℃
8. Working Humidity: ≤95% RH
9. Dimensions:79.6*67.9*72mm

works with alexa

works with Google Home

Works with Apple Home

Works with SmartThings

Features :

1. Can extend the wireless communication distance as a repeater
2. Matter protocol, seamless access to other Matter ecosystems.such as google, Amazon, Apple ,etc
3. Adopt matter over Thread technology, MESH network make it more stable, large network capacity, no single point of failure, network self-healing, stable work;
4. Support power consumption monitoring and timer function;
5. Support over power, over voltage, over current protection function;

Heiman

Smart Home WiFi Sensor



Smoke Alarm



CO Alarm



Gas Alarm



Vape Detector



Air Quality Monitor



Door Sensor



Water Leak Sensor



PIR Motion Sensor



Fall Detector



IR Controller

Smart Fall Detector HS2FD





What we can do with HEIMAN fall detector ?

- ►Auto fall alarm warning when people alone , special protection for the elderly always .
- ►Real-time monitoring and fast alert , save precious time to save lives.
- ►Human Presence detecting without camera , better protect user privacy.
- ►Wall or ceilling installation , Non-contact monitoring , provide 24hours full protection.

What is a Fall Detector ?

HEIMAN Fall Detector is an innovative smart home device designed for the elderly, pregnant women and people with limited mobility. Detector adopts **3D RF imaging millimeter wave radar sensor technology.**

Through the precise sensors and advanced algorithms , the detectors can monitor human activities in real time and accurately determine whether a fall event has occurred by analyzing movement data and behavior patterns.

The Fall Detector equipped with a wireless zigbee or wifi module , can send out an alarm notification immediately via wireless network when a fall accident occurs. Users can also set up an automatic call function to get rescue as soon as possible.



HEIMAN Fall Detector HS2FD suitable for bedrooms or bathrooms installation .
The non-contact and no-camera mode can better protect user privacy while protecting user safety.

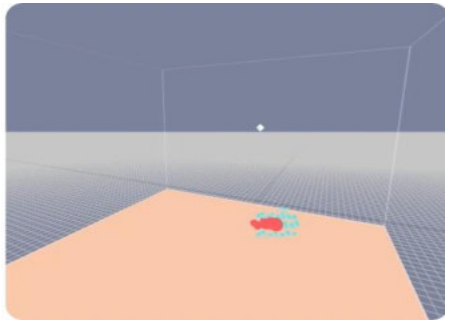
Main Features :

1. High accuracy
It uses high-sensitivity sensors and advanced algorithms to effectively reduce the rate of false alarms, ensuring timely response in the event of a fall.

2. Intelligent identification
By learning and analyzing user behavior patterns, fall detectors can distinguish between normal activities and abnormal situations, improving the accuracy and timeliness of alarms.

3.Strong Adaptability
The device has strong environmental adaptability and is not affected by light, water vapor and smoke.

4. Privacy protection
The device adopts a non-contact monitoring method and will not infringe on the user's privacy. At the same time, the adjustable sensitivity and detection area functions can better balance the needs of security and privacy.







5. Easy to install and use
The fall detector has a simple design and is easy to install without complex settings and debugging. Users simply place it in the appropriate location in their home and start using it.

6. Strong compatibility
The fall detector can be integrated with smart home systems to achieve linkage and control with other devices. For example, when an alarm is issued, lights, doors, windows and other equipment can be automatically opened to facilitate rescuers to quickly find the trapped person.

7. Real-time monitoring and alert
The detector has a real-time tracking function, which can detect fall events in the detection area in real time and respond quickly. In addition, users can remotely view device status and receive alarm notifications through smart App.

8. Wide application
The fall detector is suitable for homes, nursing homes, hospitals and other places to provide safety protection for the elderly, pregnant women and people with limited mobility.

Main Functions :

1.Fall alarm reporting

When someone is detected to have fallen, a fall early warning will be reported after about 8 seconds, and a fall alarm will be reported after 50 seconds.If a sustained fall is detected,the device reports a fall alarm every 2 minutes.
Note: The fall alarm will only be triggered when someone falls and no one else is around.

2.Fall Alarm cancellation

After confirming the situation, you can cancel the fall alarm through the APP.

3.Presence detecting

When the device detects someone, it reports someone through the APP, and when there is man detected, it reports that there is nobody.

4.Set the non-detection area

After setting the installation method and detection area, you can set the non-detection area. This area must be within the detection area. Lying down in the non-detection area will not trigger the fall alarm.

5.Sensitivity setting

You can set the sensitivity of fall detection, which is off, low sensitivity, and high sensitivity.

Specification:

Operating voltage	DC5V/2A (Adaptar included)
Sensor type	mmWave MIMO RF sensor
Sensor frequency	60GHz
Field of view	140° azimuth (horizontal) and 70° elevation (vertical)
Coverage area	16m2 (4×4, wall-mounted) or 20m2 (4×5, ceiling-mounted)
Installation height	1.5 to 1.6m
Sensor frequency	60GHz
Networking	Zigbee 3.0
Frequency band	2.4 to 2.485 GHz
Max. transmitted power	13 dBm
Networking distance	≥70meters（open area）
Operating temperature	0℃~+40℃
Operating humidity	≤95%RH (no condensation)
Dimensions	80x80xH28 mm
Installation	Wall or ceiling mounting
Approval	CE RED ROHS REACH

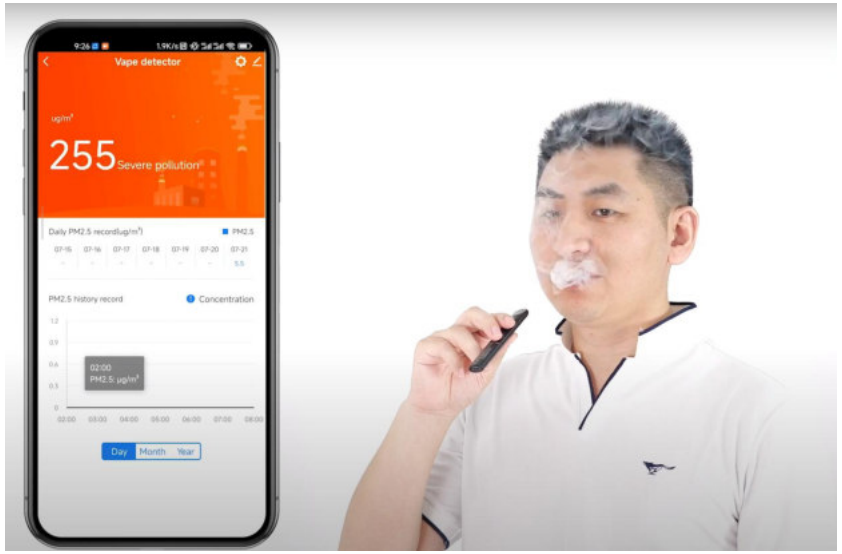
NEW COLLECTION

WIFI WS3VD PM2.5 Vape detector



Can be used in schools, hotels, and public places, to detect if somebody smoking.

- ✓ Adopts laser scattering PM2.5 sensor to detect the slightest airborne particle.
- ✓ Timely notify teachers, or management people, when somebody alarm through APP.
- ✓ Locate the position when somebody alarm (customized name to distinguish different places)
- ✓ Alarm threshold can be adjusted by management people through APP.
- ✓ LED indicator can be turned off through APP if user do not perfer.



Wifi Motion sensor WS3MS



SPEC :

1. Operating Voltage: DC3V (1*CR123A/CR17335 battery)
2. Detection Distance: ≤9m (Detect distance will be different, depending on environment temperature)
3. Detection Angle: 90°
4. Networking Mode: WiFi 2.4GHz
4. Wireless Networking Distance: WiFi signal covered area
5. Working Temperature: -10℃~+50℃
6. Working Humidity: ≤95% RH (no condensation)
7. Battery Lifespan: 1 year (based on actual use, if being triggered frequently, battery lifespan will be shorten)
8. Pet protection level: 11kg or less
9. Magnet Dimension: φ80mmxH28.5mm

Features :

1. One key configure WiFi, convenient use;
2. Low power consumption design;
3. Support online monitoring function;
4. Low power alert and report function;
5. Free tool installation, stick and play;
6. Auto temperature compensation, greatly improve sensitivity ;
7. Battery polarity reverse protection, over current protect;
8. Anti-dismantle alarm;
9. Nicera Sensor;
10. Ultra slim design, with appearance patent.

Wifi Smart Door sensor WS3DS

SPEC :

1. Operating Voltage: DC3V (1*CR2 battery)
2. Detection Distance: ≤15mm
3. Networking Mode: WiFi 2.4GHz
4. Wireless Networking Distance: WiFi signal covered area
5. Working Temperature: -10℃~+50℃
6. Working Humidity: ≤95% RH (no condensation)
7. Battery Lifespan: 1 year (based on actual use, if being triggered frequently, battery lifespan will be shorten)
8. Detector Dimension: 72x21x26mm
9. Magnet Dimension: 35x11x13mm



Features :

1. One key configure WiFi, convenient use;
2. Super low power consumption design;
3. Real time monitoring closed/open start of door or window;
4. Double reed switch design, suitable for door or window with different direction;
5. Support anti-dismantle alarm;
6. Easy replacement of the battery;
7. Low power alert and report function;
8. Free tool installation, stick and play;
9. Smart and fasion design, with appearance design patent.

Wifi Smart Water Leak Sensor

WS3WL



SPEC :

1. Working Voltage:DC3V (1* CR2 lithium battery)
2. Alarm Indication: blue LED indicator
3. Networking: WiFi 2.4GHz IEEE 802.11 b/g/n
4. Wireless Networking Distance: WiFi signal covered area
5. Working environment:-10℃ ~ +50℃
6. Working humidity:maximum 95%RH
7. Dimension: 76* 36.6* 16.5 mm
8. Sensor Dimension: 28.5*26.7*13.5mm
9. Battery Life: Max 2years

Features :

1. One key configure WiFi, convenient use;
2. Super low power consumption design;
3. support Tuya smart home platform
4. Low power alert and report function;
5. Free tool installation
6. Smart and fashion design, with appearance design patent.

Wifi Water leak sensor WS2WL



SPEC :

1. Working Voltage: DC3V (1xCR17335/CR123A battery)
2. Alarm Indication: blue LED indicator
3. Alarm Sound: ≥75dB (at 1m straight ahead)
4. Networking: WiFi 2.4GHz
5. Working Temperature: -10℃~+50℃
6. Working Humidity: ≤95% RH (no condensation)
7. Battery Life: Max 2 years
8. Dimension: φ69mmxH27.6mm
9. Protection Against Moisture: IP67

Features :

1. One key configure WiFi, convenient use;
2. Super low power consumption design;
3. sound and flash output ;
4. Low power alert and report function;
5. Free tool installation
6. Smart and fashion design, with appearance design patent.

Wifi Smart Somke Alarm WS2SA



SPEC :

1. Working Vol.: DC3V (1xCR123A battery)
2. Battery lifespan: MAX 5years
3. Alarm Indication: red LED
4. Sound Level: ≥85dB/3m
5. Sensor Type: Infrared photoelectric
6. Working Temperature: -10℃~+50℃
7. Working Humidity: ≤95% RH (no condensation)
8. Dimensions:

   φ86*H35mm for WS2SA-5

   φ86*H31mm for WS2SA-1

Features :

1. One key configure WiFi, convenient use;
2. Low power alert and report function;
3. Test and hush button
4. Support APP Remote mute function when alarming
5. Easy taking out battery and replacing battery;
6. Easy and multiple installation options : screw fixing or 3M tape (0.2USD/PC extra cost for 3M tape if needed);
7. Smart and fasion design, with appearance design patent.
8. Red dot design award

Wifi Smart CO Alarm WS-720ES



SPEC :

1. Working Vol.: DC3V (2*AAA battery)
2. Battery lifespan: 3 years
3. Sensor lifespan: Max. 10 years
4. Sound Level: ≥85dB/3m
5. Warm-up period: Approx. 90 seconds
   Installation: Wall mounting
6. Alarm sensitivity: 30ppm (120 minutes)
   50ppm (60-90minutes)
   100ppm (10-40minutes)
   300ppm (3minutes)
7. Working Temperature: -10℃~+50℃
8. Working Humidity: ≤95% RH
9. Dimensions: 85*85*24mm

Features :

1. One key configure WiFi, convenient use;
2. Low power alert and report function;
3. Easy taking out battery and replacing battery;
4. Easy and multiple installation options : screw fixing or 3M tape (0.2USD/PC extra cost for 3M tape if needed);
5. Smart and fasion design, with appearance design patent;

Wifi Smart Gas Alarm WS2CG

SPEC :

1. Working Vol.: AC100-240V
2. Average Power Consumption: ≤3W
3. Warm-up time: about 3 minutes
4. Detected gas: Natural gas (CH4) Or LPG (propane)
5. Alarm Sensitivity: 6%LEL±3%LEL
6. Sound level: ≥70dB/1m
7. Valve manipulator jack output: 11~13V, 500mA
8. Dimensions: 90*90*38mm





Features :

1. High stable semiconductor gas sensor;
2. Smart phone remote monitoring and control;
3. Support driving manipulator;
4. Elaborate auto calibration, make a strong consistency;
5. Voice indication;
6. Anti interference from smoke and oil stain;
7. Adopts flame retardant engineering housing material;
8. Replaceable plug, suitable for users from different countries;
9. Smart and fashion design, with appearance design patent.

Wifi Air quality mointor WS2AQ



SPEC :

1. Power supply: DC 5V/1A Micro-USB
2. Built-in battery: 3.7V Lithium, 1000mAh,rechargeable ,last for 6hours .
3. CO2 Sensor lifespan: max.10 years
4. Operating temperature: 0°C to 40°C
5. Working humidity : < 85%RH
6. Stable NDIR CO2 sensor
7. CO2 Measurement Range:400-5000ppm
8. CO2 Accuracy: 100 ppm or 10% of the measured values,Whichever is higher
9. Air Quality / CO2 Concentration: Good: <600ppm Normal: 600~1200ppm Poor: >1200ppm ,Values can be adjusted on the CO2 setup page
10. Alarm triggering: Poor: >1200ppm(can be adjusted on the CO2 setup page)
11. Dimension: 90x90x26mm（Without bracket）
12. Installation location: Wall or desk-stand optional

Features :

1. 3 in 1 Multifunctional Carbon Dioxide monitor , detect real-time CO2 concentration, together with clear display on humidity and temperature for extremely comfortable and safe life experience.
2. Wi-Fi Enabled & APP Smart Control, works seamlessly with Tuya App, set alerts, receiving air quality measurements anytime and anywhere.
3. Indoor air quality level indication: Good, Normal, and Poor. Alarming when the detected CO2 concentration is beyond the safe value you customized to monitor house security for you timely.
4. Smart Scene Linkage for Home Automation .Add smart scenes in Smart Life APP for automating other smart home devices with the CO2 detector under CO2 concentration, temperature and humidity value, such as automatically open your window when the detected CO2 concentration is beyond the safe value, or turn on the AC when the temperature is too high.

CLASSIC R9

zigbee




RECLUSE H8
zigbee
SOS

Zigbee Smart Gateway HS5GW

SPEC :

1. Power supply: DC5V/1A
2. Frequency band: 2.4 to 2.485 GHz
3. Max. transmitted power : 13 dBm
4. Networking : Wired LAN ,Zibgee 3.0,
5. Zigbee Networking distance : ≥70meters （open area）
6. Sub-devices support : over 100pcs
7. Connection : Micro-USB, Ethernet RJ45
8. Working environment: -10~ 55 degree
9. working temperature: 10%~90%RH (None-condensing)
10. Dimension: 89* 89* 28mm

Features :

1. Wide compatibility , connects to a variety of ZigBee smart products as a bridge by using standardard zigbee HA3.0 protocol
2. Smart Application & Remote Control, adding devices, resetting the device fast and easily ; Simply use your smartphone to control the remote security system .
3. Supprot timer, scenario, linkage functions, allowing you to customize your systems to suit your individual needs and security requirements, allowing you to control all your household appliances in one application.
4. Stable & Reliable network by LAN covers a wide range of stable and reliable areas enough for normal operation of all devices connected to the hub.
5. Easy to Install, no professional technical skills required.
7. Zigbee OTA function support , remote upgreade the firmware easliy.

Zigbee Smart smoke alarm HS1SA

reddot design award



SPEC :

1. Working Vol.: DC3V (1xCR123A battery)
2. Battery lifespan: MAX 5years
3. Alarm Indication: red LED
4. Sound Level: ≥85dB/3m
5. Sensor Type: Infrared photoelectric
6. Working Temperature: -10℃~+50℃
7. Working Humidity: ≤95% RH (no condensation)
8. Dimensions: 60* 60* 49.2mm

Features :

1. Reddot design award, mini design
2. Super low power consumption, long 5 years battery life
3. Standard Zigbee HA3.0 protocol , good compatibility;
4. Support remotely hush function through APP;
5. Low power alert and report function;
6. Free tool installation, stick and play;

Zigbee Smart CO alarm HS1CA

reddot design award



SPEC :

1. Working Voltage:DC3V CR123A lithium battery, 5 years
2. Sound Alarm:85dB/1m
3. Alarm sensitivity: 30ppm (120 minutes)
   50ppm (60-90minutes)
   100ppm (10-40minutes)
   300ppm (3minutes)
4. Networking:Zigbee 3.0
5. Wireless networking distance:≤70m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 60*60*49.2mm

Features :

1. Reddot design award, mini design
2. Adopts FIGARO electrochemistry sensor
3. Super low power consumption, long 5 years battery life
4. Standard Zigbee HA3.0 protocol , good compatibility;
5. Support remotely hush function through APP;
6. Low power alert and report function;
7. Free tool installation, stick and play;

Zigbee Smart Gas alarm HS1CG



SPEC :

1. Working Voltage:AC110V～240V (Universal AC input)
2. Average power supply:≤1.5W
3. Sound Alarm:75dB/1m
4. Alarm sensitivity: 6%LEL±3%LEL
5. Networking:Zigbee ad hoc network
6. Wireless networking distance:≤50m (in the open area)
7. Anti-RF interference:80MHz — 1GHz 10V/m
8. Working environment:-10℃ ～ +50℃
9. Working humidity:maximum 95%RH
10. Dimension: 79*68*31mm(no including plug)

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Anti interference from smoke and oil stain;
3. Can be regarded as wireless repeater to extend wireless distance;
4. Elaborate auto calibration, make a strong consistency;
5. Adopts flame retardant engineering housing material;
6. Free tool installment, AC powered, plug in and use.
7. Replaceable plug, suitable for users from different countries;
8. Smart and fashion design, with appearance design patent;

Zigbee Smart Somke Alarm HS2SA



SPEC :

1. Working Vol.: DC3V (1xCR123A battery)
2. Battery lifespan: MAX 7years
3. Alarm Indication: red LED
4. Sound Level: ≥85dB/3m
5. Sensor Type: Infrared photoelectric
6. Working Temperature: -10℃~+50℃
7. Working Humidity: ≤95% RH (no condensation)
8. Dimensions:

   φ86*H35mm for HS2SA-5

   φ86*H31mm for HS2SA-1

Features :

1. Reddot design award, mini design
2. Super low power consumption, long 7 years battery life
3. Standard Zigbee HA3.0 protocol , good compatibility;
4. Support remotely hush function through APP;
5. Low power alert and report function;
6. Free tool installation, stick and play;

Zigbee Smart CO Alarm HS-720ES



SPEC :

1. Working Vol.: DC3V (2x1.5V AA battery)
2. Battery lifespan: 3 years
3. Sensor lifespan: Max. 10 years
4. Sound Level: ≥85dB / 3m
5. Networking: Zigbee 3.0
6. Warm-up period: Approx. 90 seconds
7. Installation: Wall mounting
8. Alarm sensitivity: 30ppm (120 minutes)
   50ppm (60-90minutes)
   100ppm (10-40minutes)
   300ppm (3minutes)
9. Working Temperature: -10℃~+50℃
10. Working Humidity: ≤95% RH
11. Dimensions: 85*85*24mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Adopt electrochemistry sensor, support accurate sensitivity;
3. Low power alert and report function;
4. Easy taking out battery and replacing battery;
5. Easy and multiple installation options : screw fixing or 3M tape
6. Smart and fashion design, with appearance design patent;

Zigbee Smart Motion Sensor HS1MS



SPEC :

1. Working Voltage:DC3V (2* AAA Alkaline battery), 5 years battery life
2. Static current:≤5uA
3. Alarm current:≤30mA
4. Detecting distance:＞20mm
5. Networking:Zigbee ad hoc network
6. Wireless networking distance:≤50m (in the open area)
7. Anti-RF interference:80MHz — 1GHz 10V/m
6. Working environment:-10℃ ～ +50℃
9. Working humidity:maximum 95%RH
10. Detector dimension:76* 36.6* 16.5 mm
11. Magnetic body dimension: 76 * 13.9* 16.5mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Low power consumption design, support battery lifespan up to 2 years;
4. Support online monitoring function;
5. Low power alert and report function;
6. Free tool installation, stick and play;
7. Auto temperature compensation, greatly improve sensitivity ;
8. Battery polarity reverse protection, over current protect;
9. Anti-dismantle alarm;
10. Nicera Sensor;
11. Ultra slim design, with appearance patent;

Zigbee Smart Motion Sensor HS3MS



SPEC :

1. Operating Voltage: DC3V (1*CR123A/CR17335 battery)
2. Detection Distance: ≤9m (Detect distance will be different, depending on environment temperature)
3. Detection Angle: 90°
4. Networking Mode: Zigbee
4. Wireless Networking Distance: WiFi signal covered area
5. Working Temperature: -10℃~+50℃
6. Working Humidity: ≤95% RH (no condensation)
7. Battery Lifespan: 2 year (based on actual use, if being triggered frequently, battery lifespan will be shorten)
8. Pet protection level: 11kg or less
9. Magnet Dimension: φ80mmxH28.5mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Low power consumption design;
3. Support online monitoring function;
4. Low power alert and report function;
5. Free tool installation, stick and play;
6. Auto temperature compensation, greatly improve sensitivity ;
7. Battery polarity reverse protection, over current protect;
8. Anti-dismantle alarm;
9. Nicera Sensor;
10. Ultra slim design, with appearance patent.

Zigbee Smart Door Sensor HS1DS



SPEC :

1. Working Voltage:DC3V (2* AAA Alkaline battery)
2. Static current:≤5uA
3. Alarm current:≤30mA
4. Detecting distance:＞20mm
5. Networking:Zigbee ad hoc network
6. Wireless networking distance:≤50m (in the open area)
7. Anti-RF interference:80MHz — 1GHz 10V/m
6. Working environment:-10℃ ～ +50℃
9. Working humidity:maximum 95%RH
10. Detector dimension:76* 36.6* 16.5 mm
11. Magnetic body dimension: 76 * 13.9* 16.5mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Super low power consumption design, battery lifespan up to 24 months;
3. Real time monitoring closed/open start of door or window;
4. Double reed switch design, suitable for door or window with different direction;
5. Support anti-dismantle alarm;
6. Easy replacement of the battery;
7. Low power alert and report function;
8. Free tool installation, stick and play;
9. Smart and fasion design, with appearance design patent;

Zigbee Smart Water Leak Sensor HS1WL



SPEC :

1. Working Voltage:DC3V (2* AAA Alkaline battery)
2. Static current:≤5uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 76* 36.6* 16.5 mm
10. Sensor Dimension: 28.3* 26.5* 12.2mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Super low power consumption design, battery lifespan can up to 12 months ;
3. Seperate design for body and sensor, efficiently prevent influences resulted from high humidity;
4. Low power alert and report function;
5. Easy taking out battery and replacing battery;
6. Free tool installation, stick and play;
7. Smart and fashion design, with appearance design patent;

Zigbee Smart Water Leak Sensor HS3WL



SPEC :

1. Working Voltage:DC3V (1* CR2 lithium battery)
2. Static current:≤5uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 72*21*26mm mm 72*21*26mm
10. Sensor Dimension: 28.3* 26.5* 12.2mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Super low power consumption design, battery lifespan can up to 24 months ;
3. Seperate design for body and sensor, efficiently prevent influences resulted from high humidity;
4. Low power alert and report function;
5. Easy taking out battery and replacing battery;
6. Free tool installation, stick and play;
7. Smart and fashion design, with appearance design patent;

Zigbee Smart Water Leak Sensor HS2WL



SPEC :

1. Working Voltage: DC3V (1xCR17335/CR123A battery)
2. Alarm Indication: blue LED indicator
3. Alarm Sound: ≥75dB (at 1m straight ahead)
4. Networking: Zigbee
5. Working Temperature: -10℃~+50℃
6. Working Humidity: ≤95% RH (no condensation)
7. Battery Life: 2 years (based on actual use, if being triggered frequently, battery lifespan will be shorten)
8. Dimension: φ69mmxH27.6mm
9. Protection Against Moisture: IP67

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Super low power consumption design;
3. Sound and flash output ;
4. Low power alert and report function;
5. Free tool installation
6. Sleek&small design allows for placement next to dishwashers ,refregerators,water heaters,toilets ,or under sinks , ideal for use in basements or garages
7. Smart and fashion design, with appearance design patent.

Zigbee Smart temperature and humidity Sensor

HS3HT





SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤10uA
3. Networking:Zigbee ad hoc network
4. Wireless networking distance:≤50m (in the open area)
5. Working environment:-15℃ ～ +60℃
6. Working humidity:maximum 95%RH
7. Dimension:60*60*14mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. Real time monitoring of indoor temperature and humidity;
4. Adopt digital high accurate temperature and humidity sensor;
5. Low power alert and report function;
6. Easy taking out battery and replacing battery;
7. Wall mounting or desk-stand optional
8. Smart and fashion design, with appearance design patent;

Zigbee Smart temperature and humidity Sensor HS1HT



SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤10uA
3. Networking:Zigbee ad hoc network
4. Wireless networking distance:≤50m (in the open area)
5. Working environment:-15℃ ～ +60℃
6. Working humidity:maximum 95%RH
7. Dimension: 60*60*20.8mm

Features :

1. Standard Zigbee HA3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. Real time monitoring of indoor temperature and humidity;
4. Adopt digital high accurate temperature and humidity sensor;
5. Low power alert and report function;
6. Easy taking out battery and replacing battery;
7. Free tool installation, stick and play;
8. Smart and fashion design, with appearance design patent;

Zigbee Smart SOS HS1EB



SPEC :

1. Working Voltage:DC3V (1*CR2032 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤70m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 57.5 * 34.5* 13 mm

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. One key alarm;
4. Human engineering button design, comfortable cooperation;
5. Low power alert and report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Smart Remote controller HS1RC



SPEC :

1. Working Voltage:DC3V (1*CR2032 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: 57 * 35* 13 mm

Features :

1. Standards Zigbee HA3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. Multi functional one key arm, disarm, built in SOS function;
4. Human engineering button design, comfortable cooperation;
5. Low power report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Smart SOS HS2EB



SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: Φ62 × *14 mm

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. One key alarm;
4. Human engineering button design, comfortable cooperation;
5. Low power report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Smart Door Bell Button HS2DB



SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: Φ62 × *14 mm

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. One key alarm;
4. Human engineering button design, comfortable cooperation;
5. Low power report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Smart Door Bell Button HS2DB



SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: Φ62 × *14 mm

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. One key alarm;
4. Human engineering button design, comfortable cooperation;
5. Low power report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Smart Wireless Scenario Switch HS2SS



SPEC :

1. Working Voltage:DC3V (1*CR2450 button cell), 1 year
2. Static current:≤3uA
3. Alarm current:≤30mA
4. Networking:Zigbee ad hoc network
5. Wireless networking distance:≤50m (in the open area)
6. Anti-RF interference:80MHz — 1GHz 10V/m
7. Working environment:-10℃ ～ +50℃
8. Working humidity:maximum 95%RH
9. Dimension: Φ62 × *14 mm

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design support long battery lifespan;
3. One key alarm;
4. Human engineering button design, comfortable cooperation;
5. Low power report function;
6. Smart and fashion design, with appearance design patent;

Zigbee Power Plug HS2SK-EF-EU



SPEC :

1. Working Voltage:AC100V~240V (Universal AC input)
2. Average power supply:≤0.5W
3. Maximum load: 16A, 3000W
4. with power meter
5. Networking:Zigbee 3.0
6. Wireless networking distance:≤100m (in the openarea)
7. Anti-RF interference:80MHz — 1GHz 10V/m
8. Working environment:-10℃ ～ +50℃
9. Working humidity:maximum 95%RH
10. Dimension: 79.6* 67.9* 72mm

Features :

1. Zigbee 3.0 standard protocol;
2. 3000W, 16A load, with power measurement function;
3. Current, voltage, power surge protection;
4. Zigbee signal blaster function;
5. Timer function;
6. Use ABS flame resitance material

Zigbee Smart Siren HS2WD-EFR



SPEC :

1. Working Voltage: AC 110~240 V
2. Backup battery: 3.8V/ 700 mAh
3. Alarm Sound Level: 95dB/ 1m
4. Wireless Network Scope: ≦80m(open indoors)
5. Working Temperature: ≦95% RH(Indicating no condensation)
6. Working Temperature: -10℃ ～ +50℃
7. Networking mode: Zigbee 3.0
8. Dimension: Φ 80mm* 32mm(Plug not included)

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design;
3. High flexible rotating plug, suitable for different countries;
4. Support sound and flash alarm, alarm sound up to 95dB/m;
5. Stanby battery can last for 12 hours after cutting AC power
6. Can be regarded as wireless repeater to extend distance;

Zigbee Smart Repeater & Night Light HS2RNL



SPEC :

1. Working Voltage: AC 110~240 V
2. Backup battery: 3.8V/ 700 mAh
3. Alarm Sound Level: 95dB/ 1m
4. Wireless Network Scope: ≦80m(open indoors)
5. Working Temperature: ≦95% RH(Indicating no condensation)
6. Working Temperature: -10℃ ～ +50℃
7. Networking mode: Zigbee 3.0
8. Dimension: Φ 80mm* 32mm(Plug not included)

Features :

1. Standards Zigbee 3.0 protocol, good compatibility;
2. Low power consumption design;
3. High flexible rotating plug, suitable for different countries;
4. Support sound and flash alarm, alarm sound up to 95dB/m;
5. Stanby battery can last for 12 hours after cutting AC power
6. Can be regarded as wireless repeater to extend distance;

Zigbee Smart Relay Switch HS1RM-EF



SPEC :

1. Working Vol. : AC 100~240V
2. Networking: ZigBee
3. Working Temperature: -10℃~+50℃
4. Network Distance: ≤100m (in open area)
5. Working Humidity: ≤95% RH (No condensation)
6. Load Type: lighting appliances etc
7. Load Capacity: ≤1400W / line
8. Dimensions: 45*38.5*19mm

Features :

1. Zigbee 3.0 standard profile, compatible with other Zigbee system.
2. Embedded two-way switch, can be used in traditional switches;
3. Support remotely control lighting switches through APP;
4. Power supplied by neutral line and live line.

Zigbee Air quality mointor HS2AQ



SPEC :

1. Power supply: DC 5V/1A Micro-USB
2. Built-in battery: 3.7V Lithium, 1000mAh,rechargeable ,last for 6hours .
3. CO2 Sensor lifespan: max.10 years
4. Operating temperature: 0°C to 40°C
5. Working humidity : < 85%RH
6. Stable NDIR CO2 sensor
7. CO2 Measurement Range:400-5000ppm
8. CO2 Accuracy: 100 ppm or 10% of the measured values,Whichever is higher
9. Air Quality / CO2 Concentration: Good: < 1000ppm, Normal:
1000~2000ppm ,Poor: > 2000ppm (Value can be adjusted on the CO2 setup page)
10. Alarm triggering: Poor: >2000ppm(can be adjusted on the CO2 setup page)
11. Dimension: 90x90x26mm（Without bracket）
12. Installation location: Wall or desk-stand optional

Features :

1. 3 in 1 Multifunctional Carbon Dioxide monitor , detect real-time CO2 concentration, together with clear display on humidity and temperature for extremely comfortable and safe life experience.
2. Zigbee Enabled & APP Smart Control, works seamlessly with Zigbee gateway . set alerts, receiving air quality measurements anytime and anywhere.
3. Indoor air quality level indication: Good, Normal, and Poor. Alarming when the detected CO2 concentration is beyond the safe value you customized to monitor house security for you timely.
4. Smart Scene Linkage for Home Automation .Add smart scenes in Smart APP for automating other smart home devices with the CO2 detector under CO2 concentration, temperature and humidity value, such as automatically open your window when the detected CO2 concentration is beyond the safe value, or turn on the AC when the temperature is too high.

Zigbee Smart Fall Detector HS2FD

SPEC :

1. Power supply: DC5V/2A
2. Frequency band: 2.4 to 2.485 GHz
3. Max. transmitted power : 13 dBm
4. Networking : Wired LAN ,Zibgee 3.0,
5. Zigbee Networking distance : ≥70meters （open area）
6. Sensor type : mmWave MIMO radio frequency sensor
7. Sensor frequency : 60GHz
8. Field of view : 140° azimuth (horizontal) and 70° elevation (vertical)
9. Coverage area : 6m2 (4×4, wall-mounted) or 20m2 (4×5, ceiling-mounted)
10. Working environment: 0°~ 40° degree
11. working temperature: 10%~90%RH (None-condensing)
12. Dimension: 80* 80* 28mm
13. Installation : Wall Mounting/Ceiling Mounting



Features :

1.Human Presence detecting and Fall alarm reporting timely .

2. High accuracy. It uses high-sensitivity sensors and advanced algorithms to effectively reduce the rate of false alarms, ensuring timely response in the event of a fall.

3. Intelligent identification. By learning and analyzing user behavior patterns, fall detectors can distinguish between normal activities and abnormal situations, improving the accuracy and timeliness of alarms.

4. Strong Adaptability.The device has strong environmental adaptability and is not affected by light, water vapor and smoke.

5. Privacy protection. The device adopts a non-contact monitoring method and will not infringe on the user's privacy. At the same time, the adjustable sensitivity and detection area functions can better balance the needs of security and privacy.

6. Easy to install and use.

7. Strong compatibility. The fall detector can be integrated with smart home systems to achieve linkage and control with other devices easily.

Zigbee Smart Recessed Microwave Radar Human Presence Sensor HS8OS



SPEC :

1. Working voltage: 100-240vac,50/60Hz
2. Networking : Zigbee
3. Networking distance: ≤70m(open area with no obstacle)
4. Detection distance: ≤7m
5. Luminance measurement range: 0~1200 Lux
6. Detecting Angle: 360°
7. Installation height: 2.5 to 3M
8. Installation method: Recessed in ceiling or on ceiling surface
9. Working temperature: -10℃ ~ +55℃
10. Working humidity: ≤95% (no condensation)
11. Opening hole: Φ60~65mm
12. Dimensions: φ76xH51mm

Features :

1. Standard Zigbee HA3.0 protocol , good compatibility;
2. Detect the existence of static and dynamic human body by people walking, body moving, raising heads,minor movement, breath condition , etc
3. Perceive fretting, breathing and heartbeat, and large movements
4. Support illuminance reporting for lighting on and off settings
5. Recessed ceilling installation or on ceiling surface optional
6. Microwave radar detection

Zigbee Smart Recessed Door and Window Sensor HS8DS



SPEC :

1. Working Vol.: DC3.0V (CR2 battery)
2. Battery lifespan last to 10 years
3. Magenetic switch detection distance:≥20mm
4. Wirelss network distance:≤100m（open area）
5. Red and green LED indicators
6. Working Temperature: -10℃~+50℃
7. Working Humidity: ≤95% RH (no condensation)
8. Sensor Size: 46.4x30.4X71mm
9. Magnet size: φ24X13.1mm

Features :

1. Standard Zigbee HA3.0 protocol , good compatibility;
2. Low power alert and report function;
3. Placed in the core of your door for an almost invisible installation,keep the appearance of doors and windows neat.
4. Powerful earth magnet for a strong connection , magnetic force higher as 2500 Gauss.

Zigbee Smart Recessed Air Quality Monitor HS8AQ



SPEC :

1. Voltage:220V 50Hz
2. Connection: Zigbee 3.0 with wireless routing function
3. Connection distance:70m(open are)
4. Working Temperature: -10℃~+55℃
5. Working Humidity: ≤95% RH (no condensation)
6. Measuring range:-10-60℃ 100%RH
7. CO2 sensor:NDIR
8. PM2.5：0-999ug/m3
9. CO2:400-5000ppm

Features :

1. LCD broken code display, large Chinese font display
2. Human body induction, automatically turn on the backlight
3. Zigbee routing function to extend communication distance
4. 86 box embedded installation
5. Support alarm point setting
6. OTA support
7. Support indicator light on and off settings
8. Support do not disturb setting
9. Tuya plateform compatible.

Zigbee Smart Recessed Air Quality Monitor HS8AQ



SPEC :

1. Voltage:220V 50Hz
2. Connection: Zigbee 3.0 with wireless routing function
3. Connection distance:70m(open are)
4. Working Temperature: -10℃~+55℃
5. Working Humidity: ≤95% RH (no condensation)
6. Measuring range:-10-60℃ 100%RH
7. CO2 sensor:NDIR
8. PM2.5：0-999ug/m3
9. CO2:400-5000ppm
10. PM10:1~999ug/m3
11. Dimensions: φ86*86*40mm

Features :

1. Standard Zigbee HA3.0 protocol , good compatibility; OTA support
2. High-precision temperature and humidity sensor for real-time sensing and reporting of temperature and humidity to the APP
3. Used for environmental monitoring in residential buildings, factories, computer rooms, shopping malls, hotels, office buildings, teaching buildings, banks, libraries, and warehouses.
4. Detect PM2.5, PM10, CO2, temperature and humidity
5. Support multiple scenario linkage, which can adjust environmental quality through linkage with humidifiers, air conditioning, and fresh air

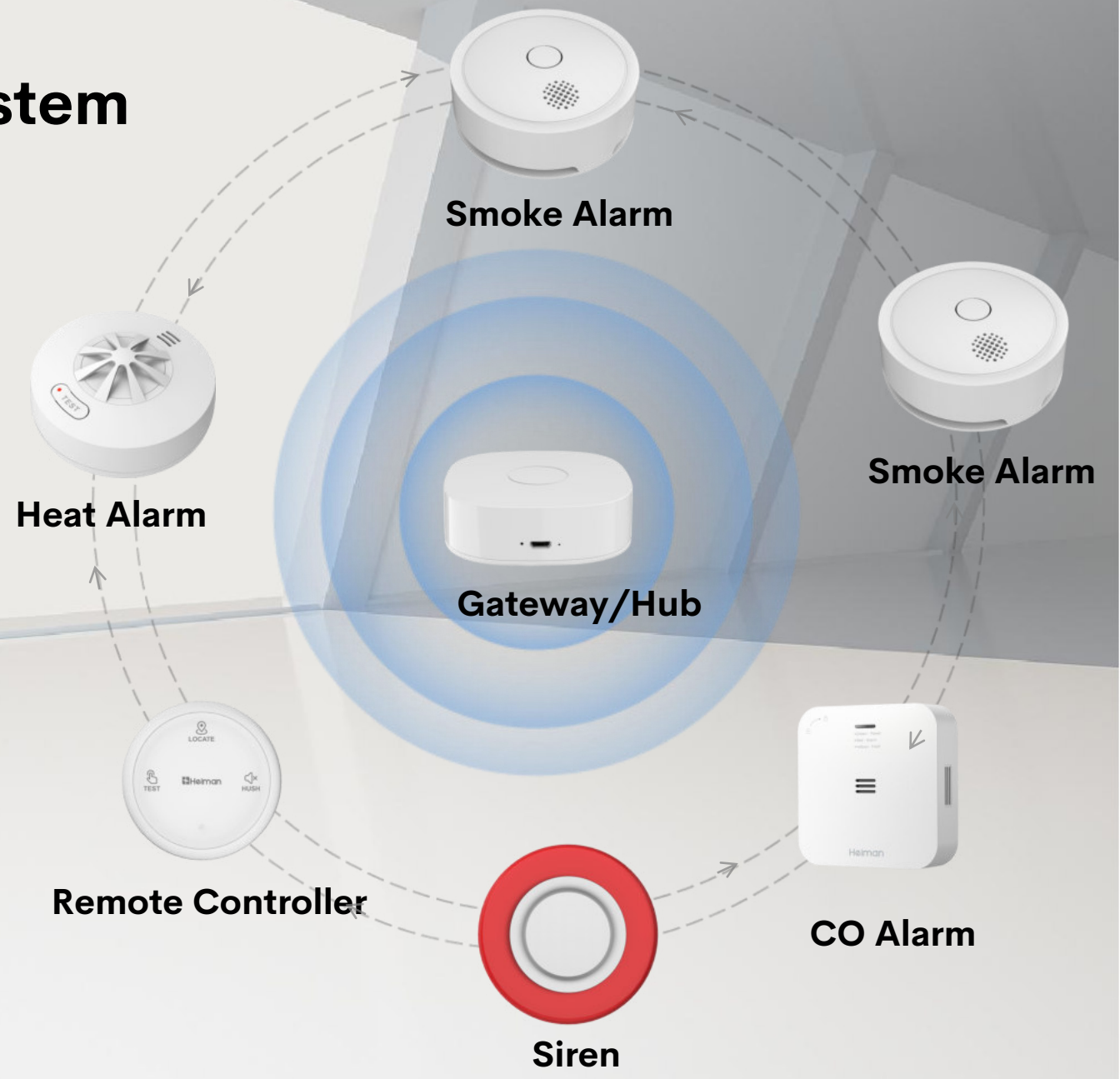
Wireless interlinked alarm system

Products included in the system

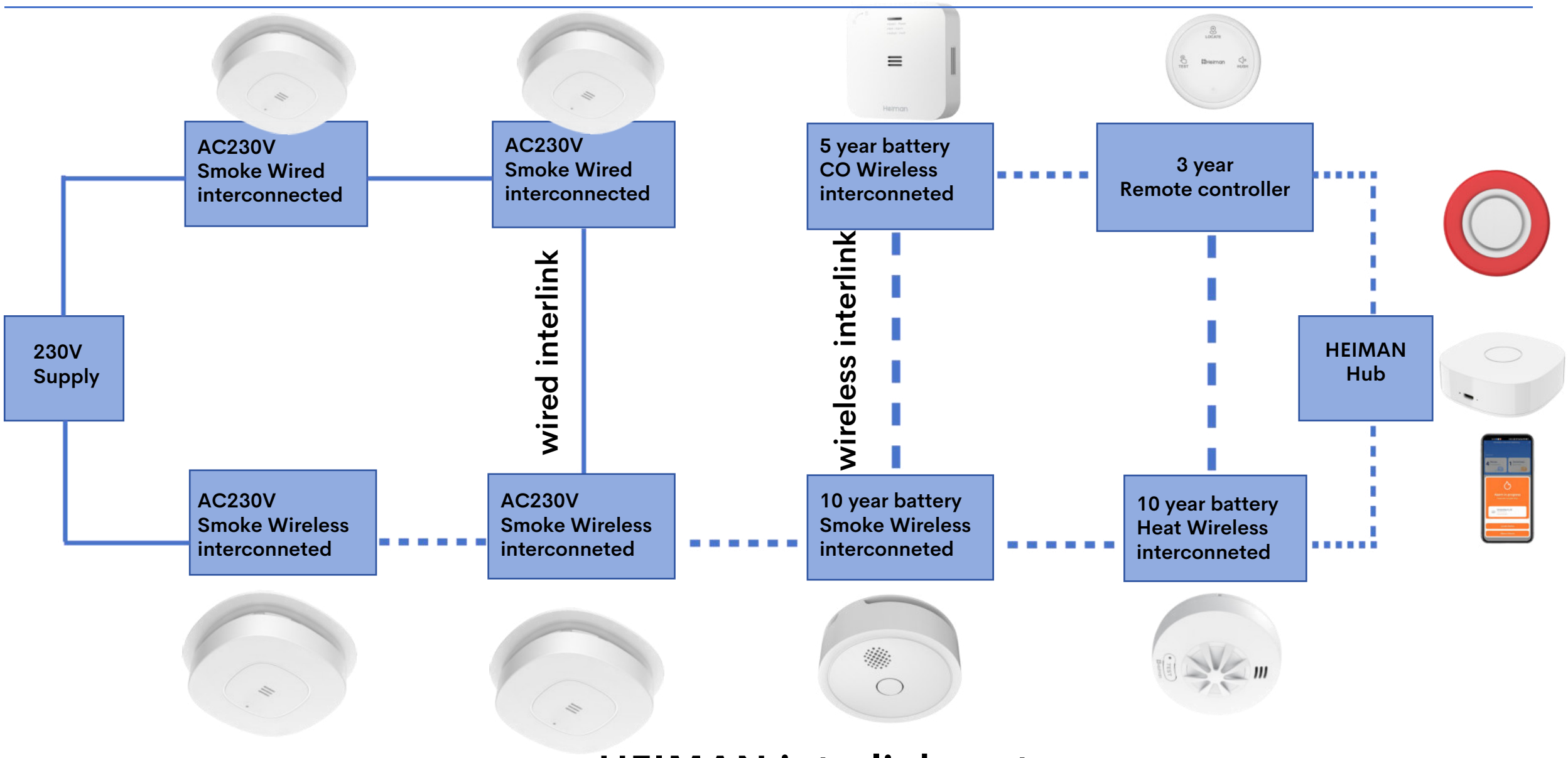
- **Gateway /Hub**

  (optional, used to monitor through APP)
- **Wireless interlinked smoke alarm**
- **Wireless interlinked heat alarm**
- **Wireless interlinked CO alarm**
- **Wireless interlinked Siren**
- **Remote controller**

  (optional, used when need local remote test, local hush)



Heiman



HEIMAN interlink system

Advantages of this system

01 Wireless Interlink

All detectors in one group

One alarm, all alarm

02 Sealed 10 years battery

smoke /heat alarm 10 years battery

5years battery for CO alarm

03 APP monitor and alert

Device Online/offline, battery level

Tamper , Fire alarm alert



04 Smart home device working together

Control your smart home device with smart app , turn on all thelights or turn off the power support through the app when a fire is detectred

05 Anti tamper

Timely tamper remind through APP if someone removed the device . (CO alarm do not support)

06 Low battery warning

Battery level can be monitor on APP,

Low battery warning from device and APP

07 Remote test and hush

Test all device via one test button in smart APP

Silence all alarming device via one silence button in smart APP

Locating the fire triggered device via location button in smart APP

Why we need a wireless interlink system ?

☑ Whole Home Coverage . Save lives and property with the right interlinked alarm system

In the event of a home fire, time is of the essence, with only a couple minutes to escape from a house fire.
If a fire starts on the top floor of your home and you are in the basement, there's a chance you may not be able to hear the alarm.

The wireless interlink alarms all contain a built-in RF module that enables you to connect 2 or more smoke alarms and create an interlinked network. (Max 40pcs in one group) . The smoke alarm not only starts beeping when it detects the smoke, but can also give the whole interlinked alarms a push notice , then all interconnected units will alarm together.

The smart gateway and smart App also gives you the opportunity to find out quickly if there is a fire in the summer cottage, loft , garage even you are not there.

With the right interlinked alarm system, you can prevent accidents in your home by receiving notifications before the smoke development or fire has reached to a greater extent. Give you and your family peace of mind knowing your entire house is fully protected.

☑ Get full control over your smart home with Smart life app

The Smart life APP also support a lot smart devices like zigbee / wifi sensors , cameras, smart plugs, smart lights, etc .You can turn on all the lights or turn off the power support through the Tuya smart app when a fire is detected .

Wireless interlinked RF to wifi Smart Gateway WS2GW-R



Features

- Linked all wireless RF devices to one group , one alarm all alarm
- Management and monitor devices remotely by smart APP
- One key remote test , mute , locate sub-device in smart APP
- Receive instant alerts and notification when fire happend
- LED indicators for power supply ,network connection
- One key configure WiFi, convenient use;
- Support sub devices up to 40 pcs.



Production introduction

The smart gateway come with a companion mobile app (TUYA Smart) that allows administrators to monitor and manage the device remotely. It can easily test or silence your alarms from your app,monitor and manage multiple interlinked devices wherever you are. Can receive instant alerts and notifications in case of emergencies or when the status of a device changes. Utilize WiFi and RF433/RF868 connectivity for seamless wireless communication and support up to 40 interlinked units.

Specification

Power supply	DC5V /1A adaptor (type C)
Connectivity	WiFi 2.4GHz
APP supported	TUYA smart
Working Current	≤0.3A
Power Consumption	≤1.5w
Maximum number of connected units	40 units
Operating frequency	FR 868MHz
Wireless distance	Max. 200m (in open area)
Operating temperature	-10℃~+55℃
Operating humidity	≤95%RH (no condensation)
Dimensions	80*80*28 mm
Installation Positions	Free Standing/Wall Mounting

Wireless interlinked smoke alarm
HM2SA-5W-T



Features

- Real-time detect and report fire smoke,
- Support APP monitoring with smart gateway
- Wilreless interlink with other devices, one alarm, all linked detectors alarm
- Self-test from the device test button, APP and remote controller
- Hush the alarm device from the device hush button, APP and remote controller
- 10 years sealed-in lithium battery
- Low battery alert, and remind to APP with smart gateway
- Tamper alert from APP with smart gateway
- Alarm Temperature report to APP with smart gateway
- Support 433MHz or 868MHz wireless connection
- Meet EN14604 standard.
- Mini size, nice deisgn , won red dot design awards

Production introduction

This product is a optical smoke detector . When a fire happend, the detector will enter the alarm state and send an alarm signal through the devices connected to the same network.

Specification

Operating voltage	DC3V (1*CR123A/CR17335 lithium battery)
Chamber type	Infrared photoelectric
Alarm signal	Audible and visual alarm indication
Standby Current	≤10 uA
Alarm Current	200mA approximately
Sound level	≥85dB/3m
Alarm sensitivity	0.09db/m-0.16db/m
Low battery warning	2.65V±0.06
Communication protocol	RF868MHz
Wireless distance	Max. 200m (in open area)
max number interinlinked	Max. 40 pcs
Battery life	Max. 10 years
Operating temperature	0℃~+55℃
Operating humidity	≤95%RH (no condensation)
Dimensions	Φ86xH31 mm
Installation	Wall or ceiling mounting

Wireless interlinked heat alarm
HM-5HW-T



Features

- Real-time alert before fire when temperature is high
- Support APP monitoring with smart gateway
- Wilreless interlink with other devices, one alarm, all linked detectors alarm
- Self-test from the device test button, APP and remote controller
- Hush the alarm device from the device hush button, APP and remote controller
- 10 years sealed-in lithium battery
- Low battery alert, and remind to APP with smart gateway
- Tamper alert from APP with smart gateway
- Alarm Temperature report to APP with smart gateway
- Support 433MHz or 868MHz wireless connection
- Mini size, nice deisgn , won red dot design awards

Production introduction

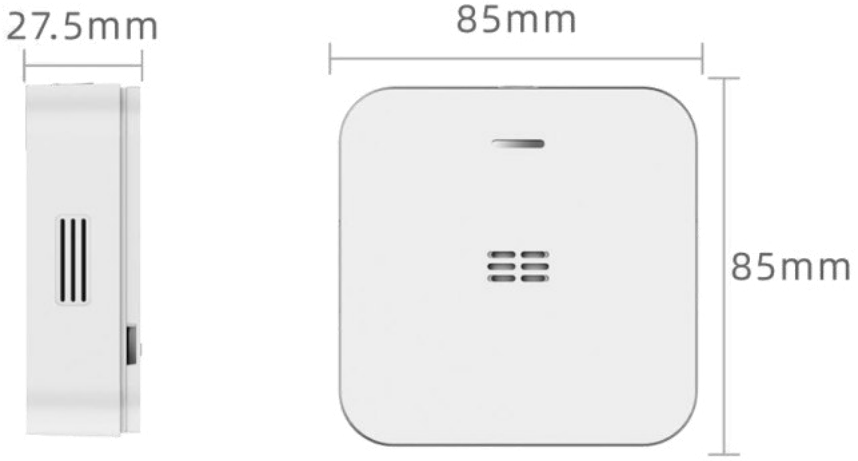
This product is a heat detector. When the temperature reaches the alarm threshold, the detector will enter the alarm state and cause the interlinked devices in the group alarm.

Specification

Operating voltage	DC3V (1*CR123A/CR17335 lithium battery)
Alarm temperature	54℃~+65℃
Alarm signal	Audible and visual alarm indication
Sound level	≥85dB/3m
Standby Current	≤10uA
Alarm Current	200mA approximately
Low battery warning	2.65V±0.06
Communication protocol	RF868MHz
Wireless distance	Max. 200m (in open area)
max number interinlinked	Max. 40 pcs
Battery life	10 years
Operating temperature	-10℃~+65℃
Operating humidity	≤95%RH (no condensation)
Dimensions	Φ99.5 x H35 mm
Installation	Wall or ceiling mounting

Wireless interlinked CO alarm
HM-720ESW





Features

- Real-time alert when CO column is high, if work with smart gateway, can support monitor remotely from APP.
- Wilreless interlinked function, one alarm, all detectors alarm in the group.
- Self test from the button, from APP (if work with gateway), from remote controller remotely.
- Hush function when alarm happens, support remote hush from remote controller or APP.
- Alarm Temperature report to APP with smart gateway
- Low battery alert, and remind to APP (work with gateway).
- Support 433MHz or 868MHz.
- EN50291 certified.

Specification

Operating voltage	DC3V (2*AA batteries)
Sensor type	Electrochemical sensor
Alarm signal	Sound and flash alarm
Sound level	≥85dB/3m
Communication protocol	RF868MHz
Wireless distance	≤200m (in open area)
max number interinlinked	40 pcs
Warm up period	Approx. 100 seconds
Operating temperature	-10℃~+65℃
Operating humidity	≤95%RH (no condensation)

AC 230V Hardwired Interlink

Smoke Alarm with 10-Year Sealed Battery

HM-638PHM-AC

Features :

✦Hardwired with 10-year battery backup, eliminating late night low-battery chirps and battery replacement costs.

✦Interconnectable with up to 40 devices including smoke, CO and heat alarms.

✦Advanced photoelectric sensor that could identify real fires from false alarms, such as smoke from cooking sources.

✦Big test and hush button

✦85dB alarm &- LED warning indicators for fire alarm

✦Low power alert to inform user to change battery when needed

✦Support 868MHz wireless connection

New , BS EN14604 under testing



Spec:

Dimensions	143mm x 143mm x 37.5mm
Power Supply	220-240V AC with 50-60Hz, 3V sealed battery backup
Battery Life	10 years
Sensor Type	Photoelectric
Interconnect	Hardwired Interconnected
Audio Alarm	85dB(A) at 3m
Working Temperature	4.4℃~37.8℃ (40℉ ~100℉)
Working Humidity	≤95%RH（non-condensing）
Plastic Material	ABS+PC, UL94 V0 fire retardant
Installation Positions	Wall Mounting/Ceiling Mounting
Mounting Type	Mounting bracket
Approvals plan	BS EN 14604

AC 230V Wireless Interlink

Smoke Alarm with 10-Year Sealed Battery

HM-638PHW-AC





Features :

✦Wireless interconnect with 10-year battery backup, eliminating late night low-battery chirps and battery replacement costs.

✦Interconnectable with up to 40 devices including smoke, CO and heat alarms.

✦Advanced photoelectric sensor that could identify real fires from false alarms, such as smoke from cooking sources.

✦Big test and hush button

✦85dB alarm & LED warning indicators for fire alarm

✦Low power alert to inform user to change battery when needed

New , BS EN14604 under testing

Spec:

Dimensions	143mm x 143mm x 37.5mm
Power Supply	220-240V AC with 50-60Hz, 3V sealed battery backup
Battery Life	10 years
Sensor Type	Photoelectric
Interconnect	Wireless Interconnected
Audio Alarm	85dB(A) at 3m
Working Temperature	4.4℃~37.8℃ (40℉ ~100℉)
Working Humidity	≤95%RH（non-condensing）
Plastic Material	ABS+PC, UL94 V0 fire retardant
Installation Positions	Wall Mounting/Ceiling Mounting
Mounting Type	Mounting bracket
Approvals plan	BS EN 14604

Heiman

Wireless Interlink

Heat Alarm with 10-Year Sealed Battery

H10-R



Features :

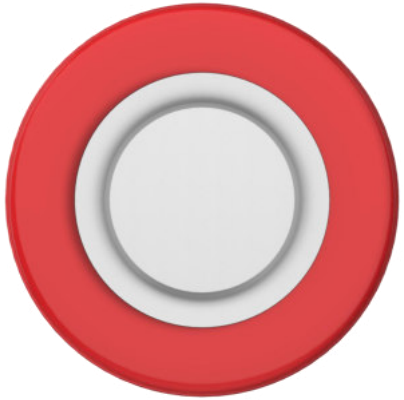
- ✦Real-time alert before fire when temperature is high
- ✦Support APP monitoring with smart gateway
- ✦Wilreless interlink with other devices, one alarm, all linked alarm
- ✦Self-test from the device test button, APP and remote controller
- ✦Hush the alarm device from the device , APP and remote controller
- ✦10 years sealed-in lithium battery
- ✦Low battery alert, and remind to APP with smart gateway
- ✦Tamper alert from APP with smart gateway
- ✦Alarm Temperature report to APP with smart gateway
- ✦Support 868MHz wireless connection

Remark : New , under inner testing

Spec:

Operating voltage	DC3V (1*CR123A/CR17335 lithium battery)
Alarm temperature	54℃~+65℃
Sound level	≥85dB/3m
Standby Current	≤10uA
Alarm Current	200mA approximately
Low battery warning	2.65V±0.06
Communication protocol	RF868MHz
Wireless distance	Max. 200m (in open area)
Max number interinlinked	Max. 40 pcs
Battery life	10 years
Operating temperature	-10℃~+65℃
Operating humidity	≤95%RH (no condensation)
Dimensions	Φ86 x H41.6mm
Installation	Wall or ceiling mounting

Wireless interlinked Siren
HM2WD







Features

- Work with wireless interlink smoke/ heat/ co detectors/ remote controller together .
- Sound and flash alarm .
- Can be regarded as wireless repeater to extend distance.
- Low battery warning.
- Remote test/ hush from APP
- Online /offline notification (offline : 24 to 48hours)
- Wireless protocol RF 433MHz, 868MHz.

Specification

Operating voltage	AC 110~240 V
Back-up battery	3.7V/ 720 mAh , rechargeable ,last for 12 hours
Sound	95dB/ 1m (70dB-100dB at 1m adjustable in app)
Frequency	868MHz /433MHz
Wireless networking distance	≤100m (open area)
Operating temperature	-10℃~+55℃
Operating humidity	≤95%RH (no condensation)
Dimension	Φ80mm* 32mm(Plug not included)

Wireless Interconnect

Remote controller HM1RC/ HM2RC





Features :

✦Remote test function can make sure all the interlinked devices work normally,one simple click will realize all the interlinked devices' self-test.

✦ Remote Locate function can help users find the alarm trigger device immediately,only the one be triggered still keep alarm,other interlinked ones will be silent, help to solve potential dangerous in time.

✦Remote Hush function can make all the device keep silent,reduce false alarm or the alarm you don't want to disturb when cooking.

✦Low power consumption design.

✦Smart and fashion design , friendly for elderly use

Spec:

	HM1RC / HM2RC
Operating voltage	DC3V (1*CR2450 button cell battery)
Wireless distance	Max. 50m (in open area)
Standby current	≤5uA
Trig alarm current	≤30mA
Max number interinlinked	Max. 40 pcs
Battery life	3 years
Operating temperature	-10℃~+50℃
Operating humidity	≤95%RH (no condensation)
Dimensions	57.5*34.5*13mm /Φ62.5.x H13.9 mm
Installation	Wall mounting or desk place

THANK YOU

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