PRODUCT CATALOGUE

Fire Detection Alarms

THE
WORLDS
RELIABLE
ALARMS

Contents

WE ARE VOLCANO

SHENZHEN FIRE SECURITY TECHNOLOGY CO., LTD is a high-tech enterprise, specializing in R&D, manufacture and distribution of fire safety alarms and a leading pioneer in early smoke and carbon monoxide alarms.

Each day, we devote ourselves to providing advanced products to protect people and property from fire and related hazards.

Our continuous commitment to innovation has spurred the highest quality smoke, carbon monoxide and combination alarms produced by cutting-edge technology and outstanding reliability.

OUR PRODUCTS

There are many different types of **Smoke alarm, Heat alarm, CO alarm, Combined alarm, Gas detector, Water detector, etc.** including smart versions which can send alerts to your smartphone.

Sealed battery units have a lifetime of five to ten years, after which the battery will run out and the whole unit will need to be replaced.

Normally a sound from the product prompts you that the battery is running low.

There are also **replaceable battery versions** that require the batteries to be replaced periodically.

Whichever version suits requirements, it is important to regularly test the device to ensure that it is working correctly, this is usually done through the test button on the product itself.

Part 1: Photoelectric Smoke Alarm

In many countries smoke alarms include to the basic equipment of a home or are even required by law. With Volcano smoke detectors, you will always be on the safe side.

SM12

Ⅰ）**Standalone Smoke Alarm**

- This product is a smart photoelectric smoke sensor, with ultra-low-power MCU design, **operated by battery only**.
- It is an early warning device, can't detect gas, heat, or fire, nor stop fire or put out fire. It is capable of real-time detecting the presence of smoke.
- Once detect danger of fire smoke, red LED will be ON, and alarming to alert you and your family timely.
- It can be **widely used** in household, lounge, coffee house, dancing hall, and any other places need fire alarm monitoring.

Volcano
-Home Fire Security-

Model No.: SM01 / SM02 / SM03

Standalone Mini 10-year Smoke Alarm

SM01

SM02

SM03

1-Year Warranty

10-Year
Bulit-in Battery

100% Test

Environmentally friendly

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE

Product Specifications

Battery Type:	DC 3V (CR123A), Lithium Battery
Battery Life:	10 years life
Operation Current:	< 6 uA (standby); < 50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.45 ±0.05 V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008

Volcano
-Home Fire Security-

Model No.: SM11-1 / SM11-3

Standalone Ultra-thin 1-year / 3-year Smoke Alarm

1-Year Warranty

1-Year
3-Year

100% Test
Replaceable battery

Environmentally friendly

SM11-1/SM11-3

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket
1 × Screw Kit
1 × User manual

CE TÜV Rheinland CERTIFIED VdS ROHS REACH

Product Specifications

Battery Type:	DC 2*1.5V Carbon Zinc battery (R6P) / DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	1 year life / 3 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008

Volcano
-Home Fire Security-

Model No.: SM11

Standalone Ultra-thin 5-year / 10-year Smoke Alarm

1-Year Warranty

5-Year 10-Year

100% Test Sealed Battery

Environmentally friendly

SM11 & 5-year & 10-year

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

Product Specifications

Battery Type:	DC 3V, Lithium Battery
Battery Life:	10 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008

CE   TÜV   VdS   ROHS   REACH

Volcano
-Home Fire Security-

Model No.: SM12-1 / SM12-3

Standalone Ultra-thin 1-year / 3-year Smoke Alarm

| 1-Year Warranty | 1-Year 3-Year | 100% Test Replaceable Battery | Environmentally friendly |

Smoke & 1year or 3 years

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE TÜV VdS ROHS REACH
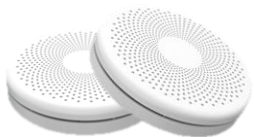
Product Specifications

Battery Type:	DC 2*1.5V Carbon Zinc battery (R6P) / DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	1 year life or 3 years life
Operation Current:	< 15 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6 $\pm$ 0.1 V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008

Support for customized services: 10 years battery, 5 years battery

Ⅱ）Wireless Smoke Alarm (Tuya Wi-Fi)

Tips: You can remotely view that happened via tablet or smartphone, download Tuya/Smart Life App from App Store or Google Play.

Smart Life Tuya App

Powered by tuya
Intelligence Inside

Model No.: SM11W-3

Wireless Tuya Wi-fi 3-year Smoke alarm

1-Year Warranty

3-Year

100% Test
Replaceable battery

Environmentally friendly

Smoke & Wi-Fi & 3-Year

Product Specifications

TUYA APP Control

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	1 year life / 3 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE   TÜV Rheinland CERTIFIED   VdS   ROHS   REACH

Volcano
- Home Fire Security-

Model No.: SM11W

Wireless Tuya Wi-fi 10-year Smoke Alarm

Powered by
tuya
Intelligence Inside

1-Year
Warranty

**10 Years
Built-in Battery**

100% Test

Environmentally
friendly

Smoke & Wi-Fi & 10-Year

Product Specifications

Battery Type:	DC 3V (CR123A), Lithium Battery
Battery Life:	5~10 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Comply to Standard EN14604:2005/AC:2008	

Packing List

1 × Photoelectric smoke alarm   1 × Screw Kit
1 × Mounting bracket   1 × User manual

CE TÜV VdS ROHS REACH

Ⅱ）Wireless Interlinked Smoke Alarm

RF
868MHz / 433MHz

Volcano
-Home Fire Security-

Volcano
-Home Fire Security-
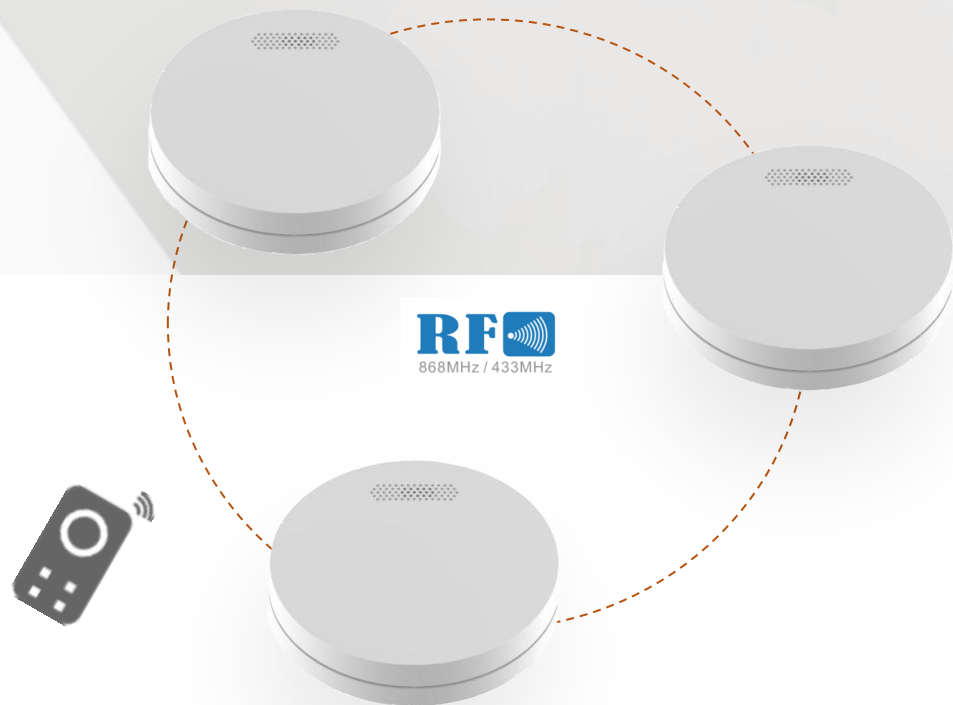
Model No.: SM11R-3
Wireless Interlinked 3-year Smoke Alarm

RF
868MHz / 433MHz

1-Year Warranty

3-Year

100% Test
Replaceable battery

Environmentally friendly

Remote Control

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	1 year life / 3 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Radio Frequency:	868MHz / 433 MHz

Comply to Standard EN14604:2005/AC:2008

Smoke & Interlinked & 3-Year

Packing List

1 × Photoelectric smoke alarm 1 × Screw Kit
1 × Mounting bracket 1 × User manual

CE   TÜV Rheinland CERTIFIED   VdS   ROHS   REACH

Volcano
-Home Fire Security-

Model No.: SM11R

Wireless Interlinked 10-year Smoke Alarm

| 1-Year Warranty | 10-Year Built-in Battery | 100% Test | Environmentally friendly | Remote Control |

Smoke & Interlinked & 3-Year

Packing List

1 × Photoelectric smoke alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE TÜV VdS ROHS REACH

Product Specifications

Battery Type:	DC 3V (CR123A), Lithium Battery
Battery Life:	10 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Radio Frequency:	868MHz / 433 MHz

Comply to Standard EN14604:2005/AC:2008

Placement of Smoke Detectors

Install smoke alarms inside each bedroom, outside each sleeping area and on every level of the home, including the basement. On levels without bedrooms, install alarms in the living room (or den or family room) or near the stairway to the upper level, or in both locations.

BEDROOM
CO

HALLWAY
CO

BEDROOM
CO

LIVING ROOM
CO

KITCHEN
CO

BASEMENT
CO

GARAGE
CO

Smoke Alarm
One on every level and in every bedroom

CO **Carbon Monoxide Alarm**
One on every level and in every bedroom kitchen and garage

Heat Protection for Kitcken

Volcano heat detectors will detect abnormally high temperatures or rapid rises in temperature and alert you of potential fire in your kitchen.

Part 2 : Heat Alarm

A heat alarm is a safety device designed to **create an alert** when the room in which it's installed reaches a certain temperature.
This can be a better option for areas such **as a kitchen or bathroom** which are more likely to get smoky or steamy, sometimes unnecessarily setting of an alarm designed to detect these elements.

Suitable for **commercial and domestic use**, a heat detector is a legal requirement in some environments. Suitable for use across any room, multiple units can often be linked together for optimum cover throughout the property.

Heat & Interlinked & 3-Year or 10-year

Packing List

1 × Heat alarm
1 × Mounting bracket
1 × Screw Kit
1 × User manual

Model No.: SM11H

Wireless Tuya Wi-fi 3-year/10-year Heat alarm

1-Year Warranty

3-Year

100% Test Replaceable battery

Environmentally friendly

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500); DC 3V
Battery Life:	3 years life / 10 years
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Heat sensitivity:	54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.
Comply to Standard EN14604:2005/AC:2008

Volcano
-Home Fire Security-

Model No.: SM11HW-3

Wireless Tuya Wi-fi 3-year Heat alarm

Powered by
tuya
Intelligence Inside

1-Year Warranty

3-Year

100% Test Replaceable battery

Environmentally friendly

Heat & Wi-Fi & 3-Year

Packing List

1 × Heat alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

Product Specifications

TUYA APP Control

Battery Type: DC 2*1.5V AA Alkaline (LR6、MN1500)

Battery Life: 1 year life / 3 years life

Operation Current: < 10 uA (standby); <70 mA (alarm)

Alarm Volume: > 85 dB(A) at 3 meters

Low Battery: 2.6+/-0.1V

Silence Time: approx. 10 minutes

Heat sensitivity: 54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.

Comply to Standard EN14604:2005/AC:2008

Volcano
-Home Fire Security-

Model No.: SM11HW

Wireless Tuya Wi-fi 10-year Heat Alarm

Powered by tuya Intelligence Inside

1-Year Warranty

10-Year Built-in Battery

100% Test

Environmentally friendly

Heat & Wi-Fi & 10-Year

Packing List

1 × Heat alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

Product Specifications

TUYA APP Control

Battery Type:

Battery Life:

Operation Current:

Alarm Volume:

Low Battery:

Silence Time:

Heat sensitivity:

DC 3V (CR123A), Lithium Battery

10 years life

< 10 uA (standby); <70 mA (alarm)

> 85 dB(A) at 3 meters

2.6+/-0.1V

approx. 10 minutes

54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.

Comply to Standard EN14604:2005/AC:2008

Part 3 : Carbon Monoxide Detector

A carbon monoxide detector is a critical and potentially life saving device that sounds an alert if it detects the presence of the odourless, tasteless and colourless gas. It **continuously monitors and measure** the level of CO in the air.

Typical sources of danger include:

Blocked chimneys
If chimneys are blocked, exhaust gases can no longer be sufficiently removed from the residence or house - or at all. Blocked chimneys – due to birds'   nests or other garbage – are frequently a reason why people succumb to carbon monoxide poisoning while asleep.

Fireplace, gas stove, oil and gas heating, grills
Devices which run on fossil fuels are an additional source of danger. The scope of fossil fuels includes coal, crude oil and natural gas, which are used in many devices in homes and gardens, such as:
- Fireplaces and stoves
- Gas stoves
- Oil and gas heating systems featuring oil and gas boilers or solid fossil fuels such as wood, coal or pellets, flow heaters
- Wood or electric grills

Facts and figures in Europe*
Country comparison: Deaths after carbon monoxide poisoning
Germany: Around ten deaths p.a.
UK: Around 40 deaths p.a.
Spain: 154 deaths in 2011
Belgium: Around 150 deaths p.a.
Hungary: Around 50 deaths p.a.
Poland: Around 150 deaths p.a.
France: Around 400 deaths p.a.

* Sources: National Health Service/UK, German Federation of Chimney Sweepers (ZIV)

Carbon monoxide & 3 years

![Volcano - Home Fire Security]

Model No.: CO01 White

Carbon Monoxide Detector (3-Year)

1-Year Warranty

3-Year

100% Test
Replaceable Battery

Environmentally friendly

Packing List

1 × Carbon Monoxide alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

Product Specifications

Battery Type:	9V Alkaline
Battery Life:	3 years life
Sensor Type:	Electrochemical
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Temperature:	4.4℃ ~ 37.8℃
Humidity:	10% ~ 95% RH (non-condensing)
Silence Time:	approx. 10 minutes

Comply to Standard 50291: 2010

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Volcano
-Home Fire Security-

Model No.: CO01 Black

Carbon Monoxide Detector (3-Year)

1-Year
Warranty

3-Year

100% Test
**Replaceable
Battery**

Environmentally
friendly

Carbon monoxide & 3
years

Product Specifications

Battery Type: 9V Alkaline
Battery Life: 3 years life
Sensor Type: Electrochemical
CO Sensitivity: 50ppm: 60~90 mins; 100ppm: 10~40 mins;
                                     300ppm: < 3mins

Operation Current: < 45 uA (standby); <50 mA (alarm)
Alarm Volume: > 85 dB(A) at 3 meters
Temperature: 4.4℃ ~ 37.8℃
Humidity: 10% ~ 95% RH (non-condensing)
Silence Time: approx. 10 minutes
Comply to Standard 50291: 2010

Packing List

1 × Carbon Monoxide alarm   1 × Screw Kit
1 × Mounting bracket   1 × User manual

CE   ROHS   REACH

Model No.: CO02

Carbon Monoxide Detector (3-Year)

1-Year
Warranty

3-Year

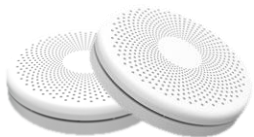100% Test
Replaceable
Battery

Environmentally
friendly

Carbon monoxide & 3 years

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Sensor Type:	Electrochemical
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Temperature:	4.4℃ ~ 37.8℃
Humidity:	10% ~ 95% RH (non-condensing)
Silence Time:	approx. 10 minutes

Comply to Standard 50291: 2010

Packing List

1 × Carbon Monoxide alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE   ROHS   REACH

Model No.: CO02V

Carbon Monoxide Detector (3-Year) with Voice Warning

1-Year Warranty

3-Year

100% Test
Replaceable Battery

Voice Warning

Product Specifications

The voice warning feature will announce either 'FIRE! FIRE!' or 'WARNING! CARBON MONOXIDE' depending on which danger is detected.

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Sensor Type:	Electrochemical
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Temperature:	4.4℃ ~ 37.8℃
Humidity:	10% ~ 95% RH (non-condensing)
Silence Time:	approx. 10 minutes
Comply to Standard 50291: 2010	

Carbon monoxide & voice warning & 3 years

Packing List

1 × Carbon Monoxide alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE   ROHS   REACH

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Volcano
- Home Fire Security -

Model No.: CO02W

Carbon Monoxide Detector (3-Year)

Powered by **tuya**
Intelligence Inside

| 1-Year Warranty | 3-Year | 100% Test Replaceable Battery | Environmentally friendly |
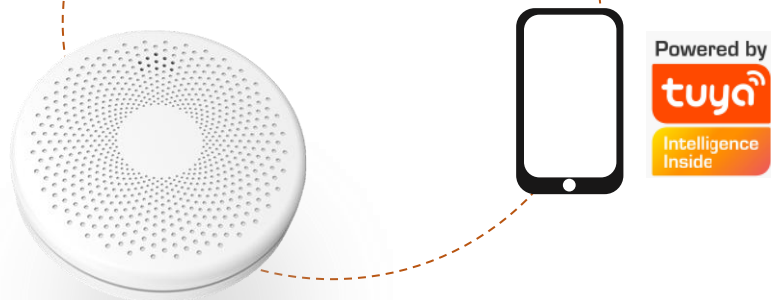
Carbon monoxide & & Tuya Wi-Fi & 3 years

Packing List

1 × Carbon Monoxide alarm   1 × Screw Kit
1 × Mounting bracket   1 × User manual

CE   ROHS   REACH

Product Specifications

TUYA APP Control   802.11 b/g/n
Battery Type: DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life: 3 years life
Sensor Type: Electrochemical
CO Sensitivity: 50ppm: 60~90 mins; 100ppm: 10~40 mins;
                            300ppm: < 3mins

Operation Current: < 45 uA (standby); <50 mA (alarm)
Alarm Volume: > 85 dB(A) at 3 meters
Temperature: 4.4℃ ~ 37.8℃
Humidity: 10% ~ 95% RH (non-condensing)
Silence Time: approx. 10 minutes
Comply to Standard 50291: 2010
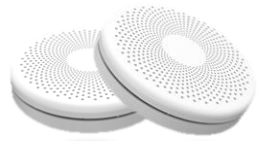
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Volcano
-Home Fire Security-

Model No.: CO02VW

Carbon Monoxide Detector (3-Year) with Voice Warning

Powered by
tuya
Intelligence Inside

1-Year Warranty

3-Year

100% Test
Replaceable Battery

Voice Warning

Carbon monoxide & voice warning & Tuya Wi-Fi & 3 years

Product Specifications

The voice warning feature will announce either 'FIRE! FIRE!' or 'WARNING! CARBON MONOXIDE' depending on which danger is detected.

Packing List

1 × Carbon Monoxide alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

	802.11 b/g/n
TUYA APP Control:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Type:	3 years life
Battery Life:	Electrochemical
Sensor Type:	50ppm: 60~90 mins; 100ppm: 10~40 mins;
CO Sensitivity:	300ppm: < 3mins
	< 45 uA (standby); <50 mA (alarm)
Operation Current:	> 85 dB(A) at 3 meters
Alarm Volume:	4.4℃ ~ 37.8℃
Temperature:	10% ~ 95% RH (non-condensing)
Humidity:	approx. 10 minutes
Silence Time:	

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Part 4: Combination Detector

## **2-in-1 Protection**

- **The combined optical smoke and carbon monoxide (CO) alarm** from Volcano is designed to provide audible and visual warning of both dangers within a single alarm.
- **The smoke heat detector combines** the measurement of the optical smoke alarm with a precise analysis of the temperature change in a room. The smoke heat detector can therefore also be used in the kitchen.

Combo & 1 year or 3 years

Volcano
-Home Fire Security-
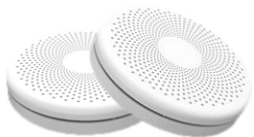
Model No.: SC01

Combination Carbon Monoxide and Smoke Alarm

2 IN 1
Combo Alarm

**1-Year
3-Year**

100% Test
Replaceable
Battery

Environmentally
friendly

Product Specifications

Battery Type: DC 2*1.5V Carbon Zinc battery (R6P) / DC 2*1.5V AA Alkaline (LR6、MN1500)

Battery Life: 1 year life or 3 years life

Sensor Type: Photoelectronic & Electrochemical

CO Sensitivity: 50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins

Alarm Sensitivity: 0.09 - 0.17 dB/m

Operation Current: < 45 uA (standby); <50 mA (alarm)

Alarm Volume: > 85 dB(A) at 3 meters

Low Battery: 2.6 ±0.1 V

Silence Time: approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008 & 50291: 2010

Packing List

1 × Combo alarm

1 × Mounting bracket

1 × Screw Kit

1 × User manual

CE ROHS REACH

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Combo& voice warning & 1 year or 3 years

Packing List

1 × Combo alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

Model No.: SC01V

Combination Carbon Monoxide and Smoke Alarm
with Voice Warning

2 IN 1
Combo Alarm

1-Year
3-Year

100% Test
Replaceable
Battery

Voice Warning

Product Specifications

The voice warning feature will announce either 'FIRE! FIRE!' or 'WARNING! CARBON MONOXIDE' depending on which danger is detected.

Battery Type:	DC 2*1.5V Carbon Zinc battery (R6P) / DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	1 year life or 3 years life
Sensor Type:	Photoelectronic & Electrochemical
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Alarm Sensitivity:	0.09 - 0.17 dB/m
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Low Battery:	2.6 ±0.1 V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008 & 50291: 2010

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Volcano
-Home Fire Security-

2 IN 1

Powered by **tuya**
Intelligence Inside

Combo & TUYA WIFI & 3 years

Model No.: SC01W

Wireless TUYA WI-FI
Combination Carbon Monoxide and Smoke Alarm

2 IN 1
Combo Alarm

3-Year

100% Test
Replaceable
Battery

Environmentally
friendly

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Sensor Type:	Photoelectronic & Electrochemical
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Alarm Sensitivity:	0.09 - 0.17 dB/m
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Low Battery:	2.6 ±0.1 V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008 & 50291: 2010

Packing List

1 × Combo alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

Volcano
-Home Fire Security-

Model No.: SC01R

Wireless RF 868MHz / 433 MHz Combination Carbon Monoxide and Smoke Alarm

RF
868MHz / 433MHz

2 IN 1

Combo & RF 868MHz / 433 MHz & 3 years

2 IN 1 Combo Alarm

3-Year

100% Test Replaceable Battery

Environmentally friendly

Packing List

1 × Combo alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE   ROHS   REACH

Product Specifications

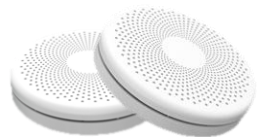|	
Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Sensor Type:	Photoelectronic & Electrochemical
Radio Frequency:	Combo & RF 868MHz / 433 MHz & 3 years
CO Sensitivity:	50ppm: 60~90 mins; 100ppm: 10~40 mins; 300ppm: < 3mins
Alarm Sensitivity:	0.09 - 0.17 dB/m
Operation Current:	< 45 uA (standby); <50 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Low Battery:	2.6 ± 0.1 V
Silence Time:	approx. 10 minutes

Comply to Standard EN14604:2005/AC:2008 & 50291: 2010

Model No.: SH01

3-year Smoke and Heat Combined Alarm

2 IN 1
Combo Alarm

3-Year

100% Test
Replaceable
battery

Environmentally
friendly

Combo smoke and heat & 3 years

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Heat sensitivity:	54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.

Smoke Alarm Sound Pattern: BI 0.5s - pause 0.5s – BI 0.5s – pause 0.5s – BI 0.5s – pause 1.5s, with the red LED flash, repeat this alarm pattern.

Comply to Standard EN14604:2005/AC:2008

Packing List

1 × Combo alarm   1 × Screw Kit
1 × Mounting bracket   1 × User manual

CE ROHS REACH

Volcano
-Home Fire Security-

Model No.: SH01W-3

Tuya Wi-fi 3-year Smoke and Heat Combined Alarm

2 IN 1
Combo Alarm

3-Year

100% Test
Replaceable battery

Environmentally friendly

Powered by
tuya
Intelligence Inside

2 IN 1

Combo & Wi-Fi & 3 years

Product Specifications

Battery Type:	DC 2*1.5V AA Alkaline (LR6、MN1500)
Battery Life:	3 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Heat sensitivity:	54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.

Smoke Alarm Sound Pattern: BI 0.5s - pause 0.5s – BI 0.5s – pause 0.5s – BI 0.5s – pause 1.5s, with the red LED flash, repeat this alarm pattern.

Comply to Standard EN14604:2005/AC:2008

Packing List

1 × Combo alarm
1 × Mounting bracket

1 × Screw Kit
1 × User manual

CE ROHS REACH

Volcano
-Home Fire Security-

2 IN 1

Powered by
tuya
Intelligence Inside

Combo & Wi-Fi & 10 years

Model No.: SH01W

Wireless Tuya Wi-fi 10-year Smoke and Heat Combined Alarm

2 IN 1 Combo Alarm **10-Year Built-in Battery** 100% Test Environmentally friendly

Product Specifications

Battery Type:	DC 3V (CR123A), Lithium Battery
Battery Life:	10 years life
Operation Current:	< 10 uA (standby); <70 mA (alarm)
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Sensitivity:	0.09 - 0.17 dB/m
Low Battery:	2.6+/-0.1V
Silence Time:	approx. 10 minutes
Heat sensitivity:	54-70℃

Heat Alarm Sound Pattern: BI 0.2s - pause 0.2s – BI 0.2s – pause 0.2s – BI 0.2s – pause 0.2s, with the red LED flash, repeat this alarm pattern.

Smoke Alarm Sound Pattern: BI 0.5s - pause 0.5s – BI 0.5s – pause 0.5s – BI 0.5s – pause 1.5s, with the red LED flash, repeat this alarm pattern.

Packing List

1 × Combo alarm
1 × Mounting bracket
1 × Screw Kit
1 × User manual

CE ROHS REACH

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Part 5: Wireless Tuya Wi-Fi Gas Detector

WiFi flammable gas alarm, which is used to detect the leakage of flammable gas and prevent the damage cause by gas leaks. This product is used indoor where leakage may occur, such as kitchen.

Volcano
-Home Fire Security-

Gas & Wi-Fi & AC

Powered by **tuya**
Intelligence Inside

Model No.: RQ400A

Wireless TUYA WIFI GAS Detector (CH4)

1-Year Warranty

AC 85V ~ 250V

100% Test Replaceable Battery

Environmentally friendly

Product Specifications

TUYA APP Control	802.11 b/g/n
Power:	AC 85V ~ 250V
Plugs Support:	EU / UK / US
Average Consumption:	≤ 1.5 W
Alarm Volume:	> 85 dB(A) at 3 meters
Alarm Density:	6% LEL ± 3% LEL (CH4)
Working Temperature:	-10 ~ 50℃
Working Humidity:	Max 95% RH
Comply to CE Standard	

Packing List

1 × Gas Detector

1 × User manual

30mm

48mm

55mm

CE ROHS REACH
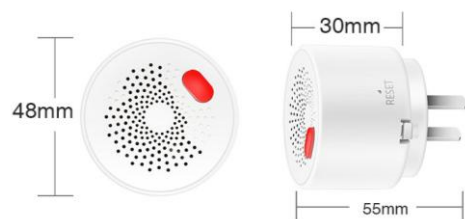
Part 6: Smart Magnets Door Sensor

Peace of mind from the palm of your hand
You'll know instantly if there's movement at home, or if a window or door opens or closes. And by pairing your sensor with other Hive products, you can also make your home come to life around you.

Model No.: DY-MC400A

Wireless TUYA WIFI Magnets Door Sensor

Door & Wi-Fi & AC

Powered by tuya
Intelligence Inside

| 1-Year Warranty | ? | 100% Test **Replaceable Battery** | Environmentally friendly |

Product Specifications

TUYA APP Control	802.11 b/g/n
Battery Type:	DC 3V LR03
Battery Life:	1 year
Sensor Type:	Photoelectronic & Electrochemical
Operation Current:	< 10 uA (standby); <160 mA (alarm)
Magnetic Control Distance:	≥ 15mm
Low Battery:	≤ 2.7V
Working Temperature:	-10 ~ 50℃
Working Humidity:	Max 95% RH

Comply to Standard EN14604:2005/AC:2008 & 50291: 2010

Packing List

1 × Magnets Door Sensor   1 × Screw Kit
1 × User manual

CE ROHS REACH

Part 7: Smart Water Alarm for Leak Detection and Flood Alerts

Help keep your valuable items safe from water damage with Volcano Water Alarms for Leak Detection and Flood Alerts. It is ideal for placing at the bottom of washing machines, water heaters, and toilets, or in basements where there is a worry of flooding. If a unit senses water, it will emit a loud 85-decibel alarm. Each water sensor is splash- and water-resistant and can be placed up to 6 feet away from the alarm unit.

Great for early detection of leaking appliances or external flooding

Model No.: SQ400A

Wireless TUYA WIFI Water Detector

Water & Wi-Fi & AC

1-Year Warranty	AC 85V ~ 250V	100% Test Replaceable Battery	Environmentally friendly

Packing List

1 × Water Detector   1 × User manual

CE ROHS REACH

Product Specifications

TUYA APP Control	802.11 b/g/n
Power:	Power :DC3V 2*1.5V AAA LR03
Special Features:	Waterproof
Operation Current:	< 10 uA (standby); <160 mA (alarm)
Magnetic Control Distance:	≥ 15mm
Low Battery:	≤ 2.7V
Working Temperature:	-10 ~ 50℃
Working Humidity:	Max 95% RH

Sensor can be placed up to 6 feet away from alarm unit.

Part 8: OEM

OEM Duo Pack with Color▼
Box

OEM Single Pack with Color▶Box
OEM 5-Pack with Color Box