ZigBee

SMART HOME
SENSOR

SVNLIGHT

Sensing technology serving the world

Smart kit

reddot

Product Feature:

ZigBee Smart Home Sensor kit works by connecting the hub sensor to your WiFi and then adding the sensors, which is all done via the free app which has to be downloaded to your smartphone or tablet.

This starter sensor kit is compatible with Android and IOS. It is simple to set up and use and the data it gives off really gives you a good idea of the users home habits.

App remote control

100m wireless distance

Remote alarm

Low power reminding

Smart linkage

Push notification

-10℃～+55℃

Kit Package

SVNLIGHT

SVNLIGHT

Smart Gateway WiFi to ZigBee Signal

SVN-GW100

reddot

Small and light

Easy to use

Wireless networking

Safe and stable

Fast connection

Product Description:

Gateway is the control center of Zigbee devices. Users can add devices, reset settings, third party control and group automation control through intelligent APP to meet the needs of smart home and other applications.

1. Support total 32 zigbee devices;
2. One button to reset;
3. Safe encryption.

Product Parameters:

Power adapter	Micro USB 5V 1A
Working current	<1A
Working temperature	-10°C~+55°C
Working humidity	10%-90% RH (no condensation)
Wireless communication	ZigBee 3.0 Wi-Fi 802.11 b/g/n
Material	ABS+PC
Net weight	47.45g
Dimension	ø75mm*23mm

PIR Motion Sensor
SVN-IR100

reddot

Motion detection

360° full degree adjustable

Low battery indication

Smart linkage

Low power consumption

Product Description:

PIR motion sensor is to detect human motion and send to the gateway, meanwhile, push alarm notification to users mobile phone. Suitable to use in family house, hotel, office.

1. Detecting angle 90°, rotation angle 360°;
2. Detecting distance: 8m;
3. Low battery reminder;
4. Timely status reports;
5. 3V (CR123A battery), low power consumption.

Product Parameters:

Wireless type	ZigBee
Working temperature	-10℃~+55℃
Detection angle	≥90°
Rotation angle	360°
Working voltage	DC 3V (CR123A battery)
Low power indication	Support (2.6V±0.2V)
Detecting angle	8m
Installation height	2.2m
Material	ABS+PC
Battery life	1 year (20 times/day)
Dimension	ø48.4*53.4mm

Door/Window Sensor
SVN-MC100

reddot

Low power consumption

Tamper protection

Smart linkage

Low battery indication

Product Features:

Monitor the status of doors, windows, appliances, furniture cabinet doors, drawers, etc.

1. Anti-tamper function;

2. Alarm active distance:23±5mm;

3. Low battery reminder;

4. Timely status reports;

5. 3V (CR2032 battery), low power consumption.

Product Parameters:

Wireless type	ZigBee
Working temperature	-10℃～+55℃
Working voltage	DC 3V (CR2032 battery)
Alarm triggering distance	23±5mm
Material	ABS+PC
Battery life	1 year (20 times/day)
Dimension	Main body 52.5*26.5*13.8mm Magnet 25.5*12.5*13mm

Temperature and Humidity Sensor

SVN-TE100

reddot

23.8 ℃

68.6 %

- Real-time display
- Low power consumption
- Temperature and humidity detection
- Low battery indication
- Smart Linkage

Product Features:

Real-time detection of temperature and humidity changes and update to the user's smart phone.

1. Temperature and humidity detecting;
2. LCD display for temperature and humidity;
3. Low battery reminder;
4. Timely status reports;
5. 3V (AAA*2 battery), low power consumption.

Product Parameters:

Wireless type	ZigBee
Working temperature	-10℃~+55℃
Working humidity	0% to 99.9%RH
Working voltage	2*AAA battery
Temperature accuracy	±0.5℃
Humidity accuracy	±5%RH
Low power indication	Support (2.6V±0.2V)
Material	ABS+PC
Battery life	1 year (20 times/day)
Dimension	ø61.2*23mm

Smoke Detector
SVN-SM100

reddot

≥85dB
SPL≥85dB

ZZZ 5 Years
5 years standby

Smart linkage

Low battery indication

Product Features:

Once detecting the smoke in the environment, trigger on-site alarm, and the alarm information transmitted to the user's mobile phone.

1. Photoelectric smoke detecting;
2. On-site alarm, ≥85dB (3m);
3. Anti-tamper function;
4. Timely status reports;
5. 3V (CR123A battery);
6. Low battery reminder;
7. 5 years battery life.

Product Parameters:

Wireless type	ZigBee
Alarm sound pressure	≥85dB (3m in front of the smoke detector)
Working temperature	-10℃～+55℃
Working voltage	DC 3V (CR123A battery)
Detector type	Network&independent smoke detector
Low power indication	Support (2.6V±0.2V)
Installation	Ceiling
Material	ABS+PC
Battery life	5 year (20 times/day)
Dimension	ø90X37mm

Gas Detector
SVN-GA100

reddot

Accurate detection

Multiple Alarm

Alarm sound ≥70dB

Smart linkage

Low power consumption

Product Features:

Real-time detection of natural gas leakage status, once the gas leakage reaches the alarm threshold, it will trigger on-site alarm, and the alarm information is transmitted to the user's mobile phone at the same time.

1. Natural gas (CH₄) detecting;
2. Alarm 8% LEL methane (Natural gas);
3. Density tolerance: ±3% LEL;
4. Alarm sound pressure≥70dB (1m);
5. Timely status reports;
6. Working voltage AC 220V.

Product Parameters:

Wireless type	ZigBee
Alarm sound pressure	≥70dB (1m in front of the gas detector)
Working temperature	-10℃~55℃
Working voltage	AC 220V
Detecting gas	CH₄ (Natural gas)
Installation method	Wall-mounting or ceiling-mounting
Alarm LEL	±8 % LEL CH₄ (Natural gas)
Material	ABS+PC
Density tolerance	±3%LEL
Dimension	ø85*30mm

Smart Button

SVN-SO100

One button switch

Low power consumption

Low battery indication

Smart linkage

Timely report

Product Features:

One click for help, just one click.

1. Low power consumption,1 year life time;
2. One click button to prevent accident;
3. Low battery reminder;
4. Timely status reports;
5. 3V (CR2032 battery).

Product Parameters:

Wireless type	ZigBee
Working temperature	-10℃~+55℃
Working voltage	DC 3V (CR2032 battery)
Low power indication	Support (2.6V±0.2V)
Material	ABS+PC
Battery life	1 year (20 times/day)
Dimension	ø50*16mm

Water Leak Detector

SVN-WA100

Water leak detector

IP66 waterproof design

Low power consumption

Low battery indication

Smart linkage

Product Features:

A water immersion sensor that detects water leakage in the environment in real time. When water immersion is detected, the detector sends an alarm signal to the gateway and reports the information to the user's mobile phone.
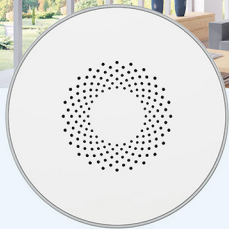
1. Detecting water leakage;
2. IP66 waterproof level;
3. Low battery reminder;
4. Timely status reports;
5. 3V (CR2032 battery);
6. Low power consumption.

Product Parameters:

Wireless type	ZigBee
Working temperature	-10℃~55℃
Working voltage	DC 3V (CR2032 battery)
Detection method	Water sensor probe
Water proof level	IP66
Material	ABS+PC
Battery life	1 year (20 times/day)
Dimension	ø50*18mm

Wireless Siren

SVN-SR100

SPL≥100dB

Timely report

Smart linkage

Low battery indication

Product Features:

It connects with other devices in smart home, when devices status change, it will generate 100dB alarm sound to warn the users, also threat the intruders.

1. Up to 100dB high sound pressure;
2. Sound pressure is adjustable;
3. Built-in rechargable lithium battery;
4. On-site alarm;
5. Low battery indication;
6. Timely status reports.

Product Parameters:

Wireless type	ZigBee
Working temperature	-10°C~55°C
Working voltage	DC 12V, external adapter
Working current	≤300mA
Alarm sound pressure	100dB
Standby current	≤10uA
Material	ABS+PC
Dimension	ø78×33mm