

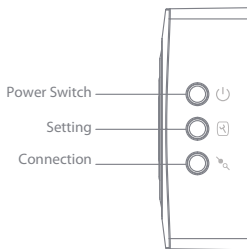
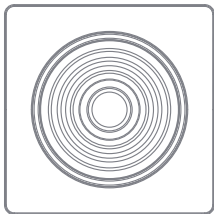
NVS-ALARM1-W

Security Alarm System

1 Box contents

- Smart Alarm x1
- PIR Motion Sensor x1
- Door/Window contact x1
- Remote Control x1
- Documentation x1

2 Design



LED indications

Red Blink/fixed: System Armed

Blue Blink/fixed: System armed in home mode

Green Blink/fixed: System disarmed

Red/Blue/Green fixed: Connected to the server

Red/Blue/Green Blink Slowly: Wi-Fi network disconnected

Green Blink Fast: Wi-Fi network settings EZ mode

Blue Blink Fast: Wi-Fi network settings AP mode

Buttons function

Power Switch: Long press to turn ON/OFF the device

Setting: Long press to enter Wi-Fi network settings EZ mode

Connection: Short press to enter RF accessories connect mode

Setting + Connection: Long press to enter Wi-Fi network settings AP mode

3 Features

- Works with Internet Connection (Wi-Fi Connection)
- Wireless connection for an easy installation
- Supports up to 10 remote controls, 30 wireless accessories
- Arm / disarm the system by remote controls, App (on iOS or Android)
- Notifications in case of alert and system status change
- Built-in siren (90dB)
- Built-in lithium batteries for more than 5hours standby mode.

4 Specifications

Product name

NVS-ALARM1-W

Power Supply

AC 100-240V / 50-60 Hz

Wi-Fi

2.4GHz 802.11 b/g/n

Radio-frequency

868MHz

Transmission distance

< 80M in open space

Backup batteries

Lithium Batteries: 3.7V / 300mAh

Internal siren

90dB

Housing material

ABS plastic

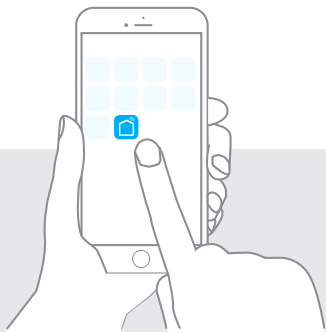
Operating conditions

Temperature: 0°C~50°C

Humidity: ≤ 80% (non-condensing)

Control panel dimensions (L x W x H)

70 x 70 x 26mm



Wi-Fi network settings

5 Wi-Fi network settings

The WIFI Smart Alarm can work with a 2.4GHz Wi-Fi connection, but not with 5GHz Wi-Fi.

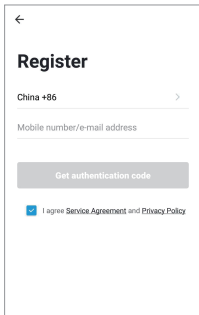
Wi-Fi connection:

enables you to interact with your control panel by app (iOS / Android). All you need is a Wi-Fi connection at home and an Internet connection on your smartphone (Wi-Fi, 4G, 3G).

Step 1: Get your APP ready

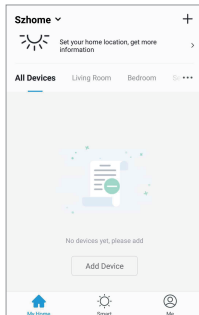
- Download APP "Tuya Smart or SmartLife". The app is available on the App Store and Google Play.
- Run and install the APP on your smart phone.
- Register by your Mobile number/e-mail address.
- Login and create family.

Register Interface



The Register interface shows a back arrow at the top left. The title "Register" is prominently displayed. Below it, there is a field for "China +86" with a right-pointing chevron. A larger input field is labeled "Mobile number/e-mail address". A grey button labeled "Get authentication code" is positioned below the input field. At the bottom, there is a checked checkbox followed by the text "I agree Service Agreement and Privacy Policy".

Device Interface



The Device Interface shows the "Szhome" header with a dropdown arrow and a plus sign. Below the header is a sun icon and the text "Set your home location, get more information" with a right-pointing chevron. A section titled "All Devices" has sub-sections for "Living Room", "Bedroom", and "Si" with a three-dot menu. The main area is mostly empty with a large illustration of a document with a green checkmark. Below this, it says "No devices yet, please add" and features a button labeled "Add Device". At the bottom, there is a navigation bar with three icons: "My Home" (house), "Smart" (gear), and "Me" (person).

Step 2: Connect the Alarm to your APP

There are two way to connect the alarm to APP: EZ and AP mode, please use AP mode when can not connect the alarm in EZ mode.

To connect in EZ mode

1. Enter Wi-Fi EZ Mode: Setting button

Ensure the system is disarmed before this operation, long press and hold the **"Setting button"** until hear 3beeps, the **Green LEDs** start blinks, now your alarm is ready in EZ mode for network setting.

2. Choose the device which will be add

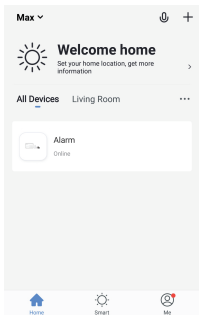
choose "Add +" → "Others" → "Wi-Fi Connector" in the APP.

3. Set the Wi-Fi network which will be connect

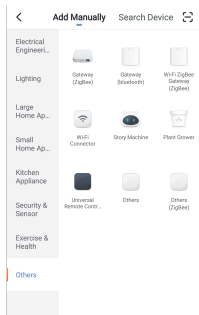
Enter Wi-Fi password of the router which the alarm will be connect to, waiting for about 20 seconds to get a response.

4. Now you can set the alarm name to complete the connection

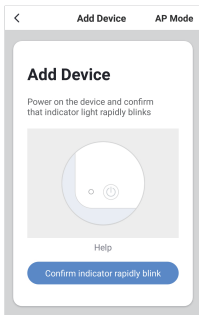
Device List



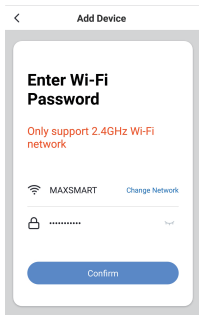
Choose Device



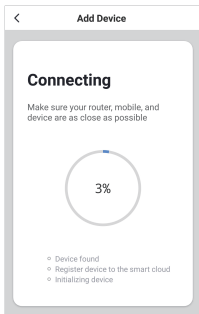
Choose Add Device



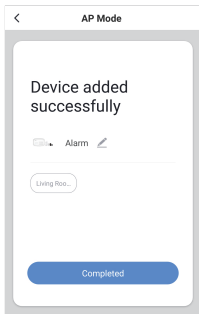
Enter Wi-Fi password



Connecting



Set Alarm's Name



To connect in AP mode

1. Enter Wi-Fi AP Mode: Setting button + connection button

Ensure the system is disarmed before this operation, long press and hold the “**Setting button + connection button**” until hear 3beeps, the **Blue LEDs** start blinks, now your alarm is ready in AP mode for network setting.

2. Choose the device which will be add

choose “Add Manually” → “Others” → “Wi-Fi Connector” in the APP.

3. Choose ‘AP Mode’

4. Set the Wi-Fi network which will be connect

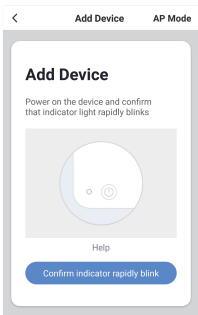
Enter Wi-Fi password of the router which the alarm will be connect to.

5. Connect the phone’s Wi-Fi to the device’s hotspot

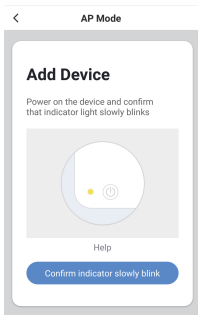
In phone’s WLAN list, choose ‘SmartLife_ xxxx’ and connect. After connected, return back to the APP, waiting for about 20 seconds to get a response.

6. Now you can set the alarm name to complete the connection

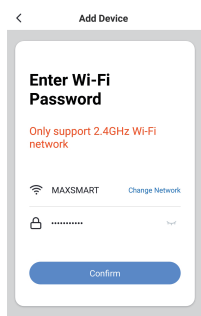
Choose AP Mode



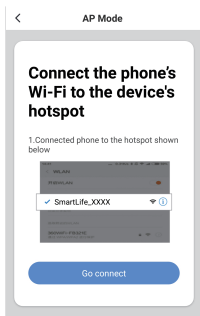
AP Mode



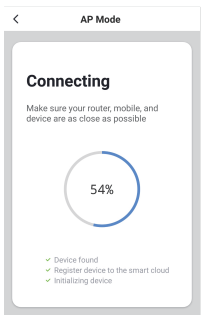
Enter Wi-Fi Password



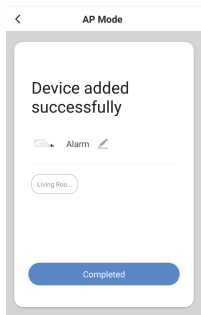
Connect to SmartLife_XXXX



Connecting



Set Alarm's Name



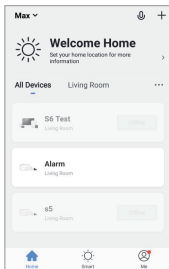


APP Operation

6 APP Operation

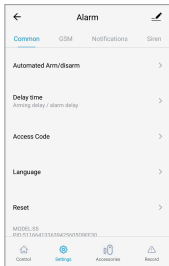
APP Device List Interface

In this interface, you can find your smart alarm already connected, choose the alarm which you want to control.



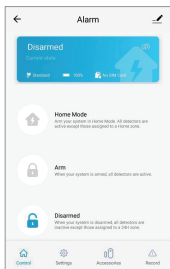
Smart Alarm—Settings Interface

Click "Settings" to enter the settings interface. In this page you can change the system settings of your alarm via the app.



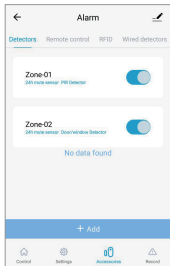
Smart Alarm—Control Interface

Click alarm name to enter the control interface. In this page you can control your alarm via the APP.



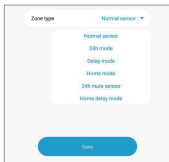
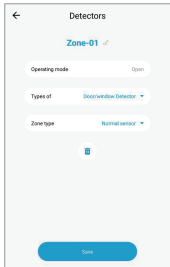
Smart Alarm—Accessories Interface

Click "Accessories" to enter the accessories interface. In this page you can manage the Wireless detectors and Remote control of the system via the app.



Smart Alarm—Change a detector's zone

You can modify the zone of a detector via the app, choose a detector which you want to change its zone type.



What do zones do?

Normal sensor: It will trigger alarm in Arm/Home mode, it will not triggered in disarm mode.

24H mode: It will trigger alarm in Arm/Home/Disarm mode.


24H mute sensor: It will trigger alarm in Arm/Home/Disarm mode in mute.

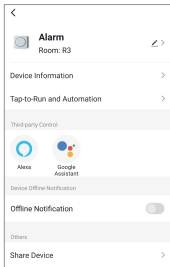
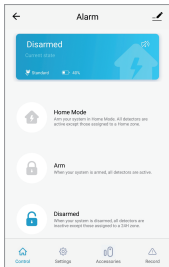
Delay mode: It will trigger alarm in Arm/Home mode after a delay time, it will not trigger alarm in disarm mode. User can set the alarm delay time in the APP.

Home mode: It will trigger alarm in Arm mode, it will not trigger alarm in Home/disarm mode.

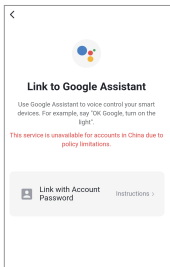
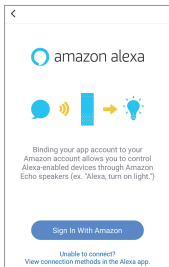
Home delay mode: It will trigger alarm in Arm mode after a delay time, it will not trigger alarm in Home/disarm mode.

Smart Alarm—Use with Alexa or Google Assistant

Choose “” to Device Information interface, in this page you can find the Third-party Control which can be support. Choose “Alexa” or “Google Assistant” which will use.



For the details about the connection with "Alexa" or "Google Assistant", please click and view the instructions in the APP.



Voice Control

Skill	Alexa	Google Assistant
Arm the alarm	Alexa, arm "device name"	Ok Google, set "device name" to away mode
Arm the alarm in home mode	Alexa, arm "device name" in home mode	Ok Google, set "device name" to home mode
Disarm the alarm	Alexa, disarm "device name" -- need voice code	OK Google, disarm "device name" -- need voice code



Daily Use

7 Daily use



Arm the system

When your system is armed, all detectors are active.

By app

Connect to your alarm and click on "Arm".

By remote control

Press on the "Arm" button of the remote control .



Arm in Home mode

When your system is armed in Home mode, all detectors are active except those assigned to the Home zone.

By app

Connect to your alarm and click on "Home mode".

By remote control

Press on the "Home" button of the remote control .



Disarm the system

When your system is disarmed, all detectors are inactive except those assigned to the 24H zone.

By app

Connect to your alarm and click on "Disarm".

By remote control

Press on the "Disarm" button of the remote control .



SOS function

The SOS function enables you to trigger your alarm immediately.

By remote control

Press on the "SOS" button of the remote control.

8 Connect wireless accessories

By the Connection key on the alarm:

- 1) Ensure the gateway Green LED light on, Press once on the connection button of the gateway, you will hear 1 beep and find the Blue LED light on.
- 2) Trigger the accessory which will be connected, the gateway beeps once: Connection is successful . If beeps twice, the detector was already connected.

By the APP:

- 1) In your app, choose the alarm, **choose Accessories**→**Detector/Remote**→**click "+" ADD.**
- 2) Trigger the accessory which will be connected, the gateway beeps once: Connection is successful . If beeps twice, the detector was already connected.

9 Restore to factory settings

Ensure the system is disarmed, press and hold the connection button until you hear 3 beeps (5 seconds): the system will be restored to the factory settings.

10 If your alarm is triggered

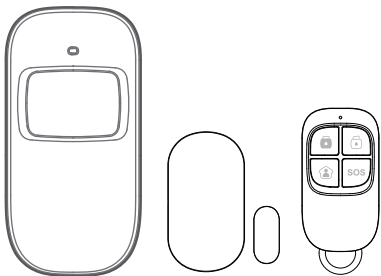
If the alarm is triggered, your control panel immediately starts to inform you:

At home

- The built-in siren starts ringing out.
- If you have connected additional sirens, they start ringing out too.

On your smartphone(if your alarm is connected to your Wi-Fi network)

- You receive a push notification in the app (you must have an Internet access on your smartphone).



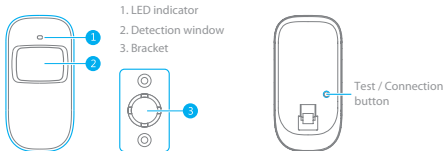
Accessories

11 PIR Motion Detector

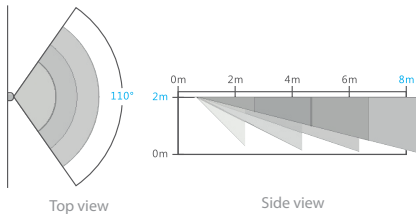
Features

The PIR is a high performance wireless motion detector boasting a digital dual-core fuzzy logic infrared control chip with intelligent analysis. This technology identifies interferences created by body motion and reduces the false alarm rate.

Design



Detection scope



The detector is more sensitive to cross movements than vertical movements.

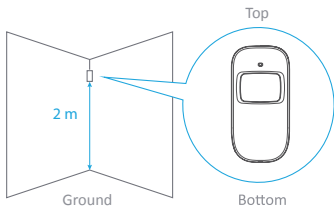
Top view

Side view



Mounting

Fix the bracket onto the wall with screws and attach the detector to the bracket. We recommend to mount the detector at a height of 2m. The detector is more sensitive to horizontal movements than vertical movements.



Avoid mounting the detector close to windows, air conditioner, heater, refrigerator, oven, sunshine and places where the temperature changes fast or where the air stream flows frequently.

Important: understanding the standby mode

If the detector is triggered more than twice within 3 minutes, it switches to standby mode to save power. During standby mode, the detector is inactive. If within the next 3 minutes a new movement is detected, the standby mode is extended by 3 minutes. If no movement is detected within the next 3 minutes, the sensor is activated again.



Testing

After installation, turn the detector on. After one minute of self-testing, press the test button, walk in the scope of detection and watch the LED indicator to make sure the detector is working. The LED indicator blinks once when a movement is detected.

LED indications

Blinks continuously: self-testing

Blinks once: Motion is detected

Blinks three times: Motion is detected and battery voltage is low (the batteries must be replaced).

Connection to your alarm system

The detectors in your kit are already connected and ready to use. If you have deleted the detector from the control panel, you can reconnect it as follows:

1. Press once on the Connection button located on the control panel.
2. Press the Test button at the back of the detector. The control panel will beep once acknowledging the connection. If the control panel beeps twice, the detector was already connected.

Specifications

Power supply: DC 3V (AA 1.5V LR6 Batteries x 2)

Static current: $\leq 30 \mu\text{A}$

Alarm current: $\leq 15 \text{ mA}$

Detection scope: 8 m / 110°

Transmission distance: $\leq 80 \text{ m}$ (in open area)

Radio-frequency: 868 MHz

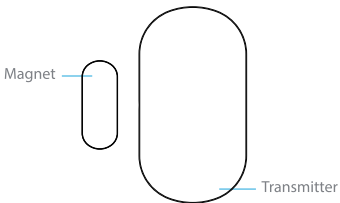
Housing material: ABS plastic

Operating conditions: $0^\circ\text{C} \sim 50^\circ\text{C}$, Humidity: $\leq 80\%$ (non-condensing)

Dimensions (L x W x H): Detector: 107 x 53 x 32 mm, Bracket: 52 x 30 x 26.5 mm

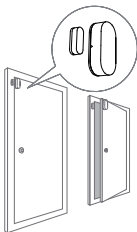
12 Door / Window Detector

Design



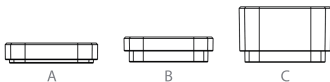
Mounting

Mount the magnet 1 cm away from the transmitter and secure the transmitter and magnet with double-sided tape on the door and the door frame respectively.



Distance Holder

There are 3 sizes distance holder in the package, it is clickable to each to reach more distance options, for different window frame depths where user will mount the Magnet.



Heights(mm)	Holder
3	A
5	B
14.5	C
8	A+B
17.5	A+C
19.5	B+C
22.5	A+B+C

Connection to your alarm system

The detectors in your kit are already connected and ready to use. If you have deleted the detector from the control panel, you can reconnect it as follows:

1. Press once on the Connection button located on the control panel.
2. Separate the magnet from the Transmitter. The control panel will beep once acknowledging the connection. If the control panel beeps twice, the detector was already connected.

Specifications

Power supply: CR2450 3V Battery x1

Static current: $\leq 10 \mu\text{A}$

Alarm current: $\leq 15 \text{ mA}$

Transmitting distance: $\leq 80 \text{ m}$ (in open area)

Radio-frequency: 868 MHz

Housing material: ABS plastic

Operating conditions: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$, $\leq 80\%$ (non-condensing)

Dimensions (L x W x H): Transmitter: 55.7 x 30.6 x 16 mm, Magnet: 25 x 10 x 9 mm

13 Remote control

Design



Connection to your alarm system

The remote controls in your kit are already connected and ready to use. If you have deleted a remote control from the control panel, you can reconnect it as follows:

1. Press once on the Connection button on the control panel.
2. Press the "Arm" button on the remote control.
3. The control panel will beep once acknowledging the connection. If the control panel beeps twice, the detector was already connected.

Specifications

Power supply: DC 3V (CR2025 button battery x1)

Static current: $\leq 10 \mu\text{A}$

Operating current: $\leq 7 \text{ mA}$

Transmission distance: $\leq 80 \text{ m}$ (in open area)

Radio-frequency: 868MHz

Housing material: ABS plastic

Operating conditions: $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$, $\leq 80\%$ (non-condensing)

Dimensions: 57 x 31 x 11 mm

Warning



ATTENTION
RISK OF ELECTRIC
SHOCK
DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

To prevent fire or shock hazards, do not expose this product to rain or moisture. Apparatus shall not be exposed to dripping or splashing and no object filled with liquids, such as vases, shall be placed on the apparatus.

Standards



This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.

For further information, please contact your local or regional authorities.

Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.



In compliance with European laws. This product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



This product was designed and manufactured in compliance with Directive 2011/65/EU and its amendment directives 2015/863/EU of the European Parliament and of the Council on the restriction of use of certain hazardous substances in electrical and electronic equipment (RoHS Directive - RoHS) and is deemed to comply with the maximum concentration values set by the European Technical Adaptation Committee (TAC).

Manufactured in China.

