CLEVER LIFE
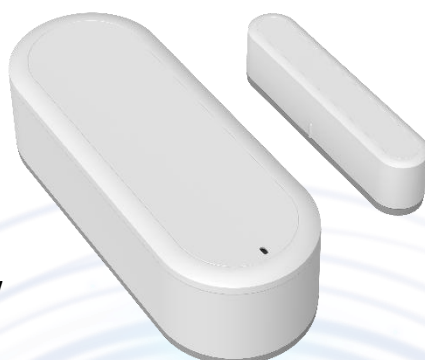
CL-S-GS322 Door & Window Sensor (Wi-Fi)

Clever Sense Product
www.cleverlife.com.au

Operating and Installation Instruction

1 Product Overview

The CL-S-GS322 Door & Window Detector adopts the design of split magnetic sensor technology used to detect the status of doors and windows in real time. According to the changes in status of doors and windows, you can achieve intelligent lighting or security alarm systems. It can bring convenience to your home while protecting the security of your family and your assets.
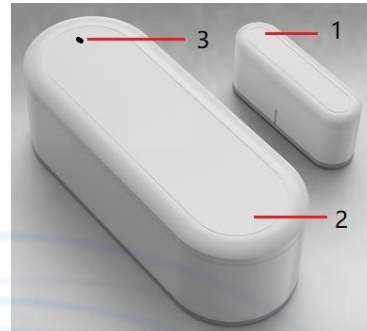
Built-in Wi-Fi wireless transmission module, high sensitivity compatible, fast response time and no wiring making it the perfect solution for any home or installation. Through the Smart Life App, alarm notifications and other automation functions can be realised.

2 Product Features

- Wi-Fi protocol can be added to Smart Life App intelligent security system.
- Standby power consumption is less than 10µA making for long battery life.
- Real time display of battery level
- High sensitivity and quick response time.
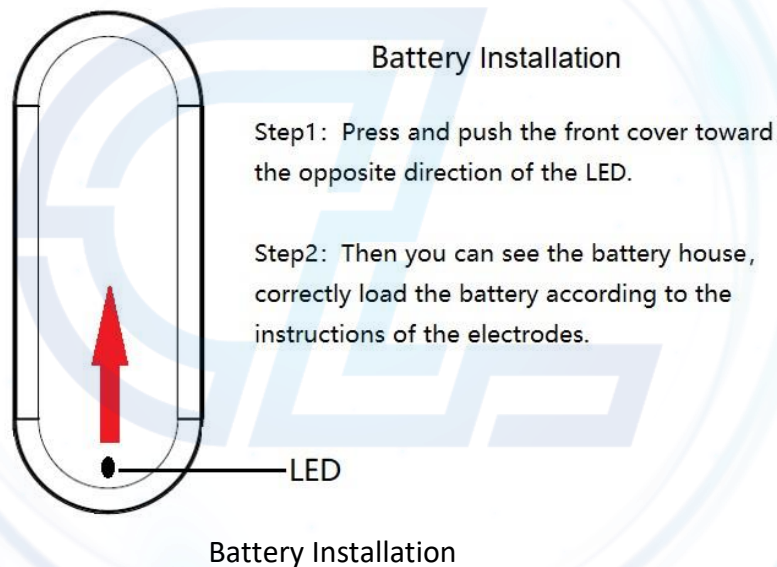- Simple installation without wiring.

3 Product Parts

Number	Name
1	Magnet
2	Mainframe
3	LED

4 Installation Instruction

4.1   Battery Installation

Battery Installation

Step1: Press and push the front cover toward the opposite direction of the LED.

Step2: Then you can see the battery house, correctly load the battery according to the instructions of the electrodes.

LED

Battery Installation

4.2   Product Installation

● If installed on a door, the mainframe is mounted on the door frame.

● If installed on a window, the mainframe is mounted on the windows frame.

● The distance between the mainframe and the magnet should be < 8mm after the installation.

● The detector is best installed in a position where there is no height difference between the door (window) and the door frame (window frame).
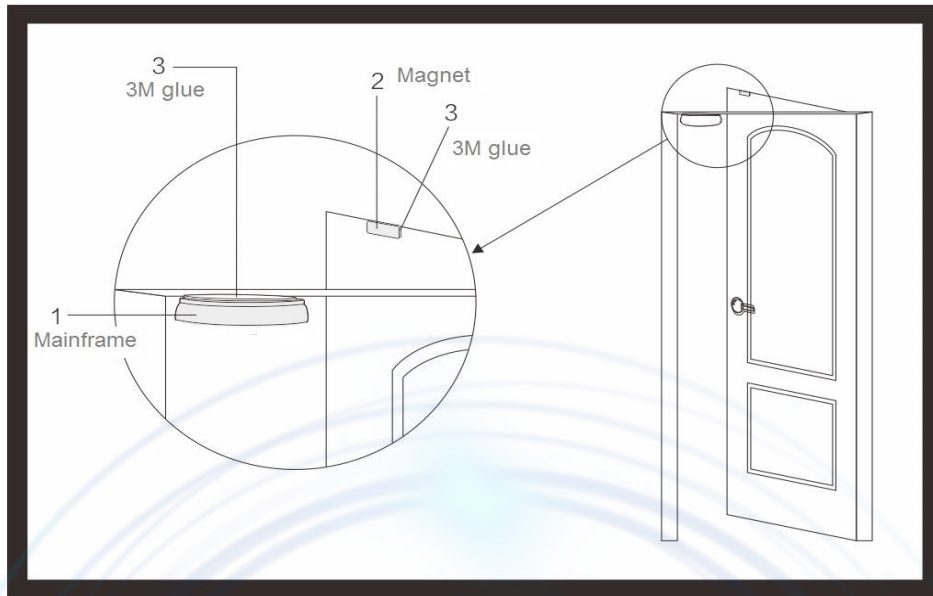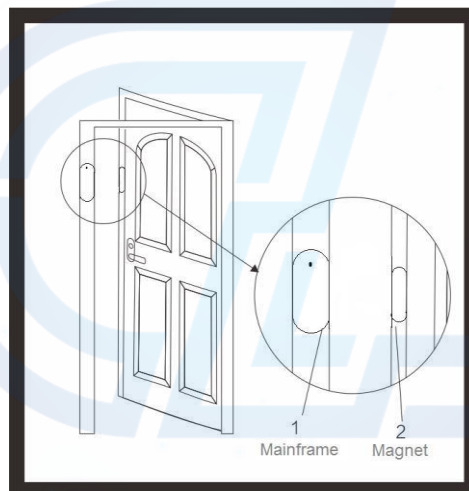
Figure 1 Door frame and door not level.

Figure 2 Door frame is level.

5 Operation instruction

5.1   Join the Smart Life App

This product needs to be added to the Smart Life intelligent system, which requires the installation and registration to the Smart Life mobile App. There are two ways to connect to your local Wi-Fi Network (Wi-Fi 2.4GHz Router is required). The configuration process is as follows:

Smart Configuration mode:

1 - After the device is powered on, the LED flashes for 3 times (initialisation) and then automatically requests to enter the network. If the network access fails, the LED will flash rapidly, which indicates that the device has entered the smart configuration mode.

2 - After step 1, open the Smart Life App, successively click ➕ button in the upper right corner of the home page → *Security & Sensors* → *Contact Sensor (Wi-Fi)* → *Confirm indicator rapidly blinking.* Enter Wi-Fi password, click *Confirm*, wait for the networking to succeed. If successful, the door-window detector LED will flash 10 times.

AP Configuration mode：

1 - If the Smart configuration mode fails to access the network, remove the battery and power on again. After the product completes initialization, the LED will flash slowly, indicates that the device has entered the AP configuration mode.

2 - After step 1, open the Smart Life App, successively click ➕ button in the upper right corner of the home page → *Security & Sensors* → *Contact Sensor (Wi-Fi)* → *Other Mode* (in the upper right corner) → *AP Mode* → *Confirm indicator slowly blinks* → and then enter Wi-Fi password, click *Confirm* → Connect your mobile phone to the device's hotspot → select SmartLife-xxx, then wait for the networking. When successful, the door-window detector LED will flash 10 times.

5.2   After adding successfully, the open/close status of the door-window detector can be displayed in the app in real time.
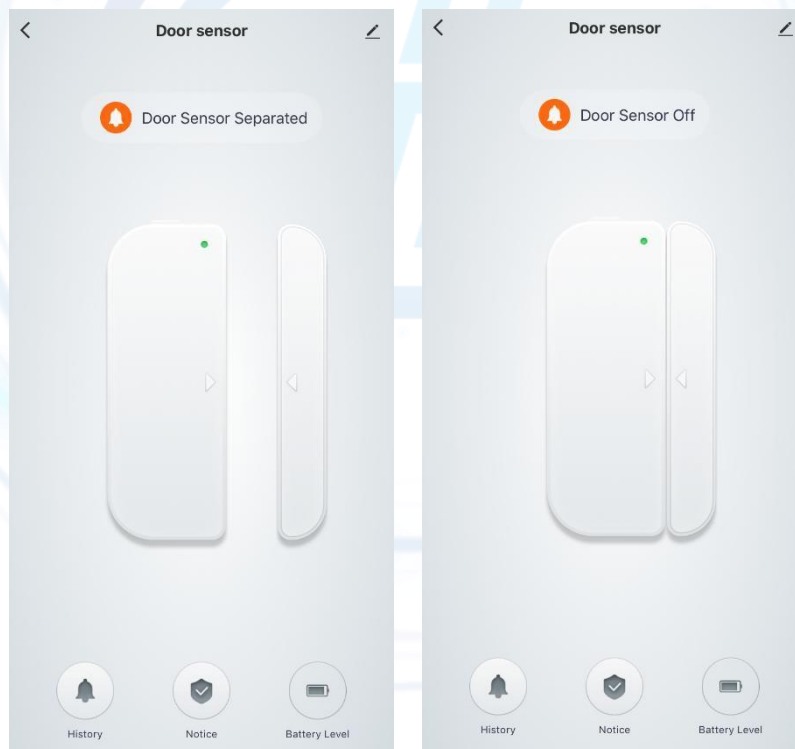
          1) Door open   2) Door Close

5.3 Sensor detection mode description

When the sensor is powered on, the red indicator light starts to flash for 3 times, and the sensor enters the preheating mode. After 16 seconds, the preheating is completed and enters the distribution network mode. After the router is connected successfully, the device enters the test mode. In the test mode, each time the sensor detects that the door is open or closed, it will immediately enter the next detection state. The test mode will last for 5 minutes. After 5 minutes, the sensor automatically enters the power-saving mode. In the power-saving mode, each time the sensor detects the door is open, it will wait 10 minutes to enter next detection state for detecting door open/closed again. If the sensor is repeatedly triggered within 10 minutes, the sensor will not enter the next detection state until 10 minutes later. If there is no trigger during 10 minutes, the sensor will re-enter the detection state.

Note: If you need to enter the test mode again, remove the sensor battery, wait for one minute, install it again to enter the test mode again.

5.4   Status Description

Indicator	**Function**
• Slowly blink 3 times	Initialization after power on.
• Flashes rapidly twice per second	Smart Configuration mode
• Flashes slowly once per 3 seconds	AP Configuration mode
• Flash 10 times rapidly	Connect the router successfully
• Flash once	Door open/close

6 Technical Specifications

Power input	DC3V (CR17450×1)
Standby current	≤10μA
Battery life	1 year (based on 1 operation p/day）
Trigger current	≤600mA
Installation distance	Less than 10mm between mainframe and magnet
Installation mode	3M glue
Frequency	Wi-Fi 2.4GHz
environment	-10℃ - 60℃, ≤95%RH Non-condensate
Compliance Standards	RoHS, CE, RCM
Size	〈Mainframe〉 90×34×24mm
	〈Magnet〉 58.5×12×15mm

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