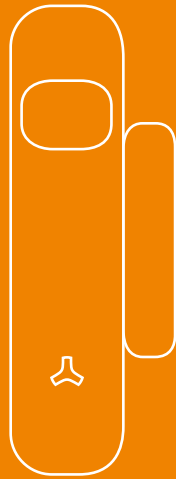




## Door/Window Sensor & Vibration Sensor



This detector combines vibration and door/window sensor. The vibration sensor is composed by microprocessor. 360 degrees detection. The vibration sensor and analyzer are in one with CPU processing technology. Normal close output is compatible with alarm system. Better protect the security of property. It is designed to eliminate common false alarms effectively to adjust the sensitivity accordingly to the environment. The door/window sensor can be installed on doors, windows and any other objects that open and close. The sensor transmits signal to control panel when the magnet mounted near the sensor is moved away. Double safety! It's suitable for indoor applications such as villa, school, offices and store etc. Effective protection over shock, strikes from sledgehammers, repeated knocks from hammer and chisel attacks etc. It is designed with compact size, easy to install and more reliable.

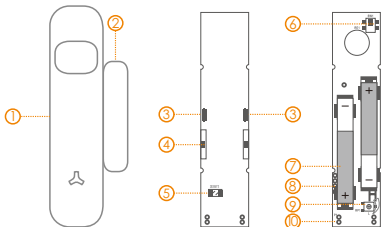
### Features:

- Unique design, easy to install.
- Adopted MCU.
- High/low sensitivity adjustment.
- Plus series with lower power Frequency-Hopping Spread Spectrum for anti-interference .
- 1 year long lifespan of the battery, easy to replace.
- Detects the opening or closing of a window, door, gate or roller blind and the true physic vibration with low false alarm.
- Tamper protection, lower battery notification.

### Specification:

- Power Supply: DC 3V (2pcs of AAAA No.9 LR61 Battery)
- Standby Current : SS-V01:  $\leq 25\mu A$   
SS-V01 PLUS:  $\leq 30\mu A$
- Alarm Current: SS-V01:  $\leq 26mA$   
SS-V01 PLUS:  $\leq 35mA$
- Temperature:  $-20^{\circ}C \sim 55^{\circ}C$
- Humidity: 40%
- RFI Characteristic: 25V/m(10Mhz~ 1Ghz)
- Digital processing unit: 12/8 nits MHz
- Detector Dimensions(L x W x H): 21 X 90 X 18mm
- Magnet Dimensions(L x W x H): 10 X 45 X 11mm

### Working Status:



1. Transmitter
2. Magnet
3. LED Indicator
4. Door Sensor
5. Vibration Sensor
6. Tamper Switch
7. Battery Compartment
8. Upgrading Software Terminal Block
9. Sensitivity Setting
10. Connector for Wired Sensors (N/C)

### Vibration Sensor:

Anti-wireless and electromagnetic wave, do not touch the interface.



### Tamper Switch:

Once intruder attempts to move the sensor. The control panel will send tamper alarm message to user at the first time.

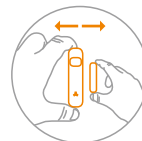
### LED Indicator:

LED flashes once every three seconds: Lower battery, please replace the battery (AAAA LR61) LED flashes once every one second: Power on/ Detecting Alarm/Tamper Alarm

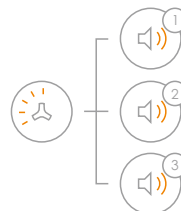
### Enrolled to Control Panel:



Press the enroll button, the control panel enters into enrolling status, the LED lights up in red(Press again the enroll button within 20 seconds to exit enrolling state.)



Connecting vibration sensor to control panel: triggered the vibration by slightly knock the shell.  
Connecting door sensor to control panel: depart the transmitter and magnet (Enrolled by vibration, the default zone is 24-hour zone, enrolled by door sensor, default zone is normal zone 4).



- 1 System beeps once, the LED light flashes once, the enrollment is successful.
- 2 If system beeps twice and the LED light flashes once, the accessories have been enrolled before.
- 3 If three beeps are heard and LED light flashes once, the storage is full.

Note: Please do not use the tamper switch or trigger low battery to enroll

Enrolling Way	Power On		Connecting Door Sensor		Connecting Vibration Sensor	
	Door Sensor	Vibration Sensor	Door Sensor	Vibration Sensor	Door Sensor	Vibration Sensor
SS-V01 PLUS FHSS Frequency Sensor Zone Type	Wireless Zone 4	24-Hour Zone 1	Wireless Zone 4	24-Hour Zone 1	Wireless Zone 4	24-Hour Zone 1
SS-V01 Normal Frequency Sensor Zone Type	Wireless Zone 1		Wireless Zone 1		24-Hour Zone 1	

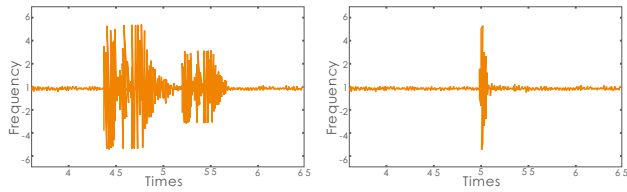
Note: Wireless sensor zone type will be separately according to sensor for FHSS series. While normal frequency sensor type will not be separated.

### Working Mode:

When it senses door opening or moving and shaking in arm status, it will alarm immediately and send notification or make a phone call.

### Vibration Testing:

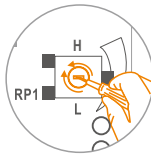
When there is a certain external force disturbance of the glass or wall. The vibration will identify whether alarm according to the vibration frequency.



### Sensitivity Adjustment:

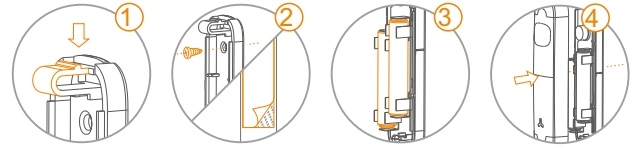
The detector has two sensitivity settings which are set using screwdriver to turn to the position.

- L** : Low sensitivity for the environment produces echos
- H**: High sensitivity for the place with sound-proof material in the room.



### Installation:

1. Remove the battery activation strip and power it on, detector enters into working mode.
2. Choose the desired location where opening or closing of a window, door, gate or medicine cabinets, safe box and the true physic vibration.
3. Keep position clean before installing.
4. Remove the paper strip of the double-sided tape on the back of transmitter and magnet. Carefully mount the transmitter on the door frame and the magnet on the door.
5. Or you can fix the rear base on the place by using the screws for both transmitter and magnet.



### Notice:

1. The detector should be installed on the ceiling or walls adjacent or the places opposite the protected glass and where opening or closing of a window, door, gate or medicine cabinets etc.
2. Secure the detector installation and keep it dry.
3. Avoid mounting sensor in areas with a large quantity of metal or electrical wiring, such as furnace or utility room.
4. Avoid sources of ambient vibration or sound, such as loudspeakers, air conditioners, fans, blowers or doorbells.
5. Pay attention to the frequency range of vibration. The high vibration and ultrasonic interference are likely to lead to false alarm.
6. Magnet no more than 1cm away from the transmitter and magnet with double-sided tapes or screws.