7. NoExternal Switch: If you need to add external switch function, please connect with ZS5101 for extending detection. The ZS5101 has 2 normally closed contact terminals. These can be used for additional external switch wired contacts. The external switch will send an alarm report (type: 07, level: 0xFF) by opening the window/door.

## Operation

1. Vibrate the ZS 5101, sensor will send status of "ON"(Basic Set,Value:0xFF) & alarm report (type:07, level:0Xff) to any associated nodes. With no triggered in 10 seconds, the senor will send status of "OFF"(Basic Set,Value:0x00) & alarm report (type:07, level:0x00)
2. Normal operation, the LED will not light.
3. The ZS 5101 sensor equipped with tamper switch. If the cover of sensor is removed, the ZS 5101 will send an alarm report (type:07,level:0xFF) to the Z-Wave™ Interface Controller, and the LED will go solid.

## Federal Communications Commission Statement

This equipment has been followed to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interferene by one of the following measures:
Reorient or relocate the receiving antenna,
Increase the separation between the equipment and receiver,
Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undersired operation.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## Limited Warranty

Vision Guarantees that every wireless shock sensor is free from physical defects in material and workmanship under normal use for one year from the date of purchase. If the product proves defective during this one-year warranty period, Vision will replace it free of charge. Vision does not issue any refunds. This warranty is extended to the original end user purchase only and is not transferable. This warranty does not apply to : (1) damage to units caused by accident, dropping or abuse in handling, or any negligent use; (2) units which have been subject to unauthorized repair, taken apart, or otherwise modified; (3) units not used in accordance with instruction; (4) damages exceeding the cost of the product; (5) transit damage, initial installation costs, removal cost, or reinstallation cost.
For information on addional devices, plesae visit us at www.visionsecurity.com.tw

| ZS 5101 | V0 | 1011123 | 6B1Z-51001 |
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The Ultimate in Security & Automation

# Installation & Operation Manual

**ZS 5101 EU**

**ZS 5101 US**

**ZS 5101 BR**

**ZS 5101 JP**

**ZS 5101 IN**

**Wireless Shock Sensor**

Notice: If you are installing the entire Z-Wave™ system for the first time, please refer to the installation guide of Z-Wave™ Interface Controller before installing ZS 5101 Shock Sensor.

1. Install Battery: Use care when installing the battery. Press the locking tab on the top sensor cover, and then gently pull up the cover. Observe the correct polarity before insert the battery.

2. After insert the battery, the LED will start to flash slowly, which means the sensor has not yet been "inclusion".

3. For **"Inclusion"** in (adding to) a network**:** Put the Z-Wave™ Interface Controller into "inclusion" mode, and following its instruction to add the ZS 5101 to your controller.    To get in the "inclusion" mode, the distance between sensor and controller is suggested to be in one meter.    Press the program switch of ZS 5101 for 1 second at least to be included. The LED on the ZS 5101 should go off, if not, please try again.
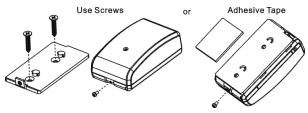
   For **"Exclusion"** from (removing from) a network: Put the Z-Wave™ Interface Controller into "exclusion" mode, and following its instruction to delete the ZS 5101 from your controller.    Press the program switch of ZS 5101 for 1 second at least to be excluded.

   For **"Association"** :removing the cover of the ZS 5101 to get into the "Awake" mode, then put the Z-Wave™ Interface Controller into "Association", and following its instruction to associate the ZS 5101 with other device. Close the cover back after "association" done, afterward the ZS 5101 will get into "Sleep" mode for power saving. Support one association group (5 nodes).

   **"Awake"** mode: it is to leave the "Sleep" mode by removing the cover of ZD5101, to allow the Z-Wave™ Interface Controller to do "Inclusion", "Exclusion", "Association" and to reply and receive the commands from controller.

4. Slide back the rear cover and screw fastening with the front cover, the LED should go off.

5. Using the adhesive tape or fixing screws to fix the bracket holder with shock sensor.

6. Sensitivity Adjustment:
   To increase sensitivity, turn the adjustment clockwise.
   To decrease sensitivity, turn the adjustment counter-clockwise.