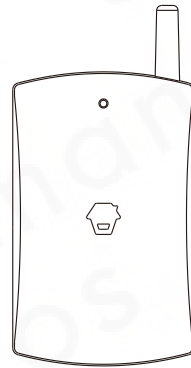


smanos®

Wireless Vibration Detector

VD8000

User Manual

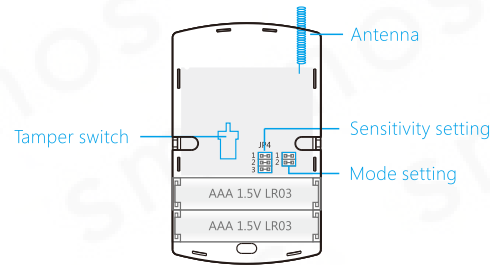


LED Indication

Flash once: Vibration detected, sending wireless signal to the control panel.

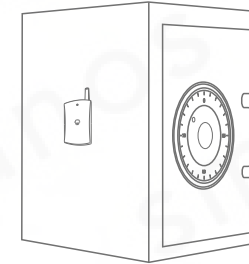
Flash once every 2 seconds: Low battery, please replace the battery immediately.

PCB Layout



Installation

1. Remove the insulating strip; the detector will enter working state.
2. Clean the surface of object to be installed.
3. Fix the detector on the middle of the object's surface with double-sided adhesive tape and make sure the antenna is upward.



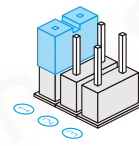
Note: The judge conditions of a vibration signal are relative to its strength, frequency and duration, not only the knocking strength on objects.

Introduction

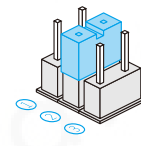
The wireless vibration detector adopts the theory of vibration, touch and motion mode. Once it detects any vibration, it will automatically send wireless signal to the control panel for alarm. It is widely used for object with a solid or thick structure, like safe and so on. Its vibrating sensitivity can be adjusted in three levels thus it can prevent false alarm effectively. Two pieces of AAA 1.5V LR03 batteries are included in the detector, which enables 12 months standby.

Sensitivity Setting

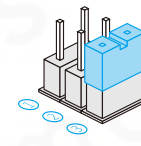
Take off the back case with screwdriver, and put the black jumper cap onto the jumper of required sensitivity level.



High sensitivity



Medium Sensitivity



Low sensitivity

Specifications

Power Supply DC 3V (AAA 1.5V LR03 x 2 PCS)

Static Current <29 uA

Alarm Current <22.2 mA

Transmitting Distance <80m (in open area)

Radio Frequency 868MHz

Housing Material ABS plastic

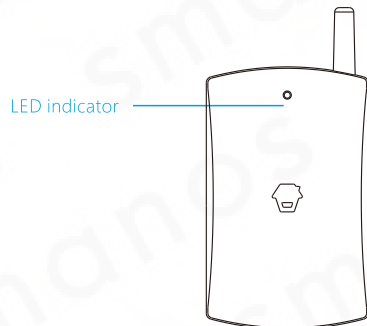
Operation Condition

Temperature -10°C~+55°C

Relative Humidity <80% (non-condensing)

Detector Dimensions (L x W x H) 54X14.5X107mm

Product Overview



Connecting to the Control Panel

Please connect the detector with control panel before use:

1. Make sure the control panel is under pairing state (please refer to the relative user manual).
2. Knock once on the surface of the detector to simulate an alarm (LED flash once), when a beep is heard from control panel, mean the pairing is successful.

CHUANGO®

产品型号	VD8000	部件名称	说明书
设计	林寿	材料	80克书写纸
印刷尺寸	285X210mm	成品尺寸	95X70mm
工艺	折页	版本	Ver: VD800-UM-EN-V1.0

注：
双色、单面印刷