VOCOlinc VS1

VOCOlinc VS1 Smart Contact Sensor User Manual

Model: VS1 | Brand: VOCOlinc

INTRODUCTION

The VOCOlinc VS1 Smart Contact Sensor is a wireless magnetic sensor designed to monitor the open/closed status of doors, windows, cabinets, and more. Utilizing Bluetooth Low Energy (BLE 5.0) technology, it integrates seamlessly with Apple HomeKit, allowing for home automation, real-time notifications, and enhanced security. This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your VS1 sensor.

PACKAGE CONTENTS

- VOCOlinc VS1 Smart Contact Sensor (Main Unit and Magnetic Component)
- User Manual
- 4 x 3M Adhesive Pads
- CR2032 Button Battery (pre-installed or included separately)
- Happy Card

The image below illustrates the typical package contents and the sensor's dimensions.

Image: VOCOlinc VS1 Smart Contact Sensor showing dimensions, Bluetooth 5.0, and included items.

PRODUCT OVERVIEW

The VS1 sensor consists of two main parts: the larger main unit containing the electronics and battery, and a smaller magnetic component. When these two parts are separated (e.g., a door opens), the sensor detects the change in magnetic field and transmits the status. The compact and thin design allows for discreet placement on various surfaces.

Image: The VOCOlinc VS1 Smart Contact Sensor, showing its two main components.

Setup and Installation

1. Battery Installation

The VS1 sensor uses a CR2032 button battery. If not pre-installed, open the battery compartment on the main unit and insert the CR2032 battery with the positive (+) side facing up. Close the compartment securely.

2. Placement

Choose a clean, dry surface on your door, window, or cabinet frame. The main unit and the magnetic component should be mounted parallel to each other, with a maximum installation gap of 2 cm (approximately 0.8 inches) when the door/window is closed. Ensure both parts are aligned for accurate detection.

3. Mounting

Peel off the protective film from the 3M adhesive pads and firmly press them onto the back of both the main unit and the magnetic component. Attach the sensor parts to your desired location, ensuring they are securely fixed and within the recommended gap when closed.

1. Battery Installation

Image: Illustrates the miniature design and simple installation process using adhesive pads, highlighting the maximum installation gap.

4. HomeKit Integration

1. Ensure your Apple Home Hub (Apple TV 4th Gen+ or HomePod) is set up and online.
2. Open the Apple Home app on your iPhone or iPad.
3. Tap the '+' icon in the top right corner and select 'Add Accessory'.
4. Scan the HomeKit setup code located on the sensor or its packaging.
5. Follow the on-screen prompts to name your sensor and assign it to a room.

OPERATING INSTRUCTIONS

Real-time Status and Notifications

Once integrated with Apple HomeKit, the VS1 sensor will provide real-time updates on its open/closed status within the Home app. You can configure notifications to be sent to your Apple devices (iPhone, Apple Watch) whenever the sensor's status changes. This allows you to monitor your home remotely, provided you have an Apple Home Hub set up.

Image: Demonstrates the use of the VS1 sensor with an Apple Home Hub and receiving notifications on an iPhone.

Home Automation and Scenes

The VS1 sensor can act as a trigger for various HomeKit automations and scenes. For example:

- **Automated Lighting:** Set lights to turn on automatically when a door opens after sunset.
- **Climate Control:** Configure your smart thermostat to turn off the air conditioning if a window is opened.
- **Security Alerts:** Trigger an alarm or send a critical notification if a specific door or window opens unexpectedly.
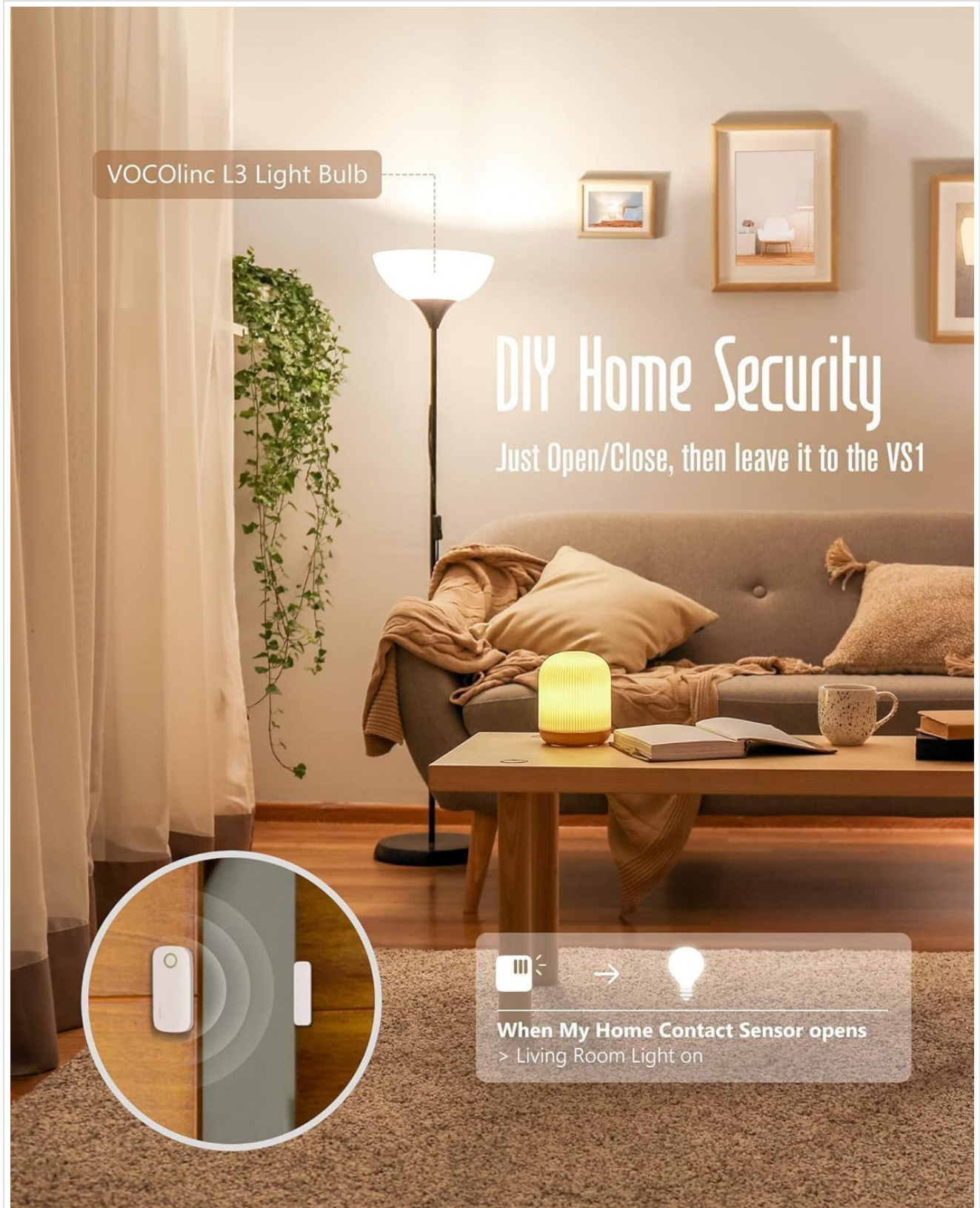

Image: An example of DIY home security automation, where opening a door triggers a smart light to turn on.

Siri Integration

You can ask Siri for the current status of your VS1 sensor. For example, "Hey Siri, is the front door open?"

MAINTENANCE

Battery Replacement

The VS1 sensor boasts ultra-low power consumption, providing up to 6 months of battery life under normal usage. When the battery level is low, you will receive a notification in the Home app. To replace the battery, open the battery compartment on the main unit and swap the old CR2032 battery with a new one, ensuring correct polarity.

Cleaning

Wipe the sensor with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the device.

TROUBLESHOOTING

- **Sensor Not Responding/Offline:**
  Ensure the sensor is within range of your Apple Home Hub. Check the battery level in the Home app and replace if necessary. Try restarting your Apple Home Hub.

- **Notifications Not Received:**
  Verify that notifications are enabled for the sensor in the Apple Home app settings. Ensure your Apple Home Hub is online and functioning correctly. Check your device's notification settings.

- **Inaccurate Open/Closed Status:**
  Check the alignment and gap between the main unit and the magnetic component. The gap should not exceed 2 cm when closed. Ensure both parts are securely mounted and not shifting.

- **Difficulty Pairing with HomeKit:**
  Ensure your iPhone/iPad is close to the sensor during the pairing process. Double-check that you are scanning the correct HomeKit setup code. If issues persist, try resetting the sensor (refer to the VOCOlinc app or support for specific reset instructions if available).

SPECIFICATIONS

Feature	Detail
Model Number	VS1
Sensor Technology	Contact Sensor
Connectivity	Bluetooth Low Energy (BLE 5.0)
Power Source	CR2032 Button Battery
Battery Life	Up to 6 months (typical)
Product Dimensions	2.4 x 1.2 x 0.4 inches (Main Unit)
Item Weight	1.76 ounces

Control Method	Touch (via Home app)
Mounting Type	Window Mount, Door Mount (Adhesive)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official VOCOlinc website. You can also contact VOCOlinc customer service for assistance with product inquiries, troubleshooting, and warranty claims.

Related Documents - VS1

	[VOCOlinc VS1 Smart Contact Sensor | HomeKit Compatible Security](#) Discover the VOCOlinc VS1 Smart Contact Sensor for enhanced home security. Monitor doors and windows with Apple HomeKit integration, real-time notifications, and easy setup. Learn about features, specifications, and installation.
	[VOCOlinc VP3 Smart Outlet - Wi-Fi Plug with Energy Monitoring](#) Learn about the VOCOlinc VP3 Smart Outlet, a Wi-Fi enabled smart plug. It offers remote control, energy monitoring, and compatibility with Apple HomeKit, Amazon Alexa, and Google Assistant. Details include product overview, LED status, electrical ratings, safety warnings, and conformity information.
	[VOCOlinc VP5 Smart Plug Quick Start Guide](#) A comprehensive guide to setting up and using the VOCOlinc VP5 Smart Plug, featuring compatibility with Apple HomeKit, Amazon Alexa, and Google Assistant. Learn about its features, electrical ratings, safety warnings, and FCC/IC declarations.
	[VOCOlinc VP5X SmartBar Plug User Manual](#) User manual for the VOCOlinc VP5X SmartBar Plug, detailing features, setup, safety warnings, and technical specifications. Compatible with Apple HomeKit, Amazon Alexa, and Google Assistant.
	[VOCOlinc Flowerbud Smart Diffuser (FLB) - User Manual & Specifications](#) Detailed information about the VOCOlinc Flowerbud Smart Diffuser (FLB), including features, specifications, setup, maintenance, and compliance. Control your environment with this smart ultrasonic essential oil diffuser and air humidifier compatible with Apple HomeKit, Alexa, and Google Assistant.

[VOCOlinc VH1 MistFlow Smart Humidifier - Features, Specs & Guide](#)
Comprehensive guide to the VOCOlinc VH1 MistFlow Smart Humidifier. Learn about its features, smart home compatibility (HomeKit, Alexa, Google Assistant), specifications, operation, maintenance, and troubleshooting. Includes FCC and IC compliance information.