Ring Contact Sensor 2nd Gen

Ring Alarm Contact Sensor (2nd Gen) User Manual

1. INTRODUCTION

The Ring Alarm Contact Sensor (2nd Gen) is designed to enhance the security of your home by detecting when a door or window is opened. This slim, easy-to-install sensor integrates seamlessly with your existing Ring Alarm system, providing instant alerts and peace of mind. It requires a Ring Alarm Base Station to function.

Key features include:

- Instant mobile alerts when doors and windows open (with Ring Protect subscription).
- Smaller design for versatile placement options.
- Tool-free installation.
- Approximately 3-year battery life.

2. WHAT'S IN THE BOX

Your Ring Alarm Contact Sensor (2nd Gen) package typically includes:

- Ring Alarm Contact Sensor (2nd Gen) units (quantity as purchased, e.g., 2-pack).
- CR2032 coin cell batteries (pre-installed or included for each sensor).
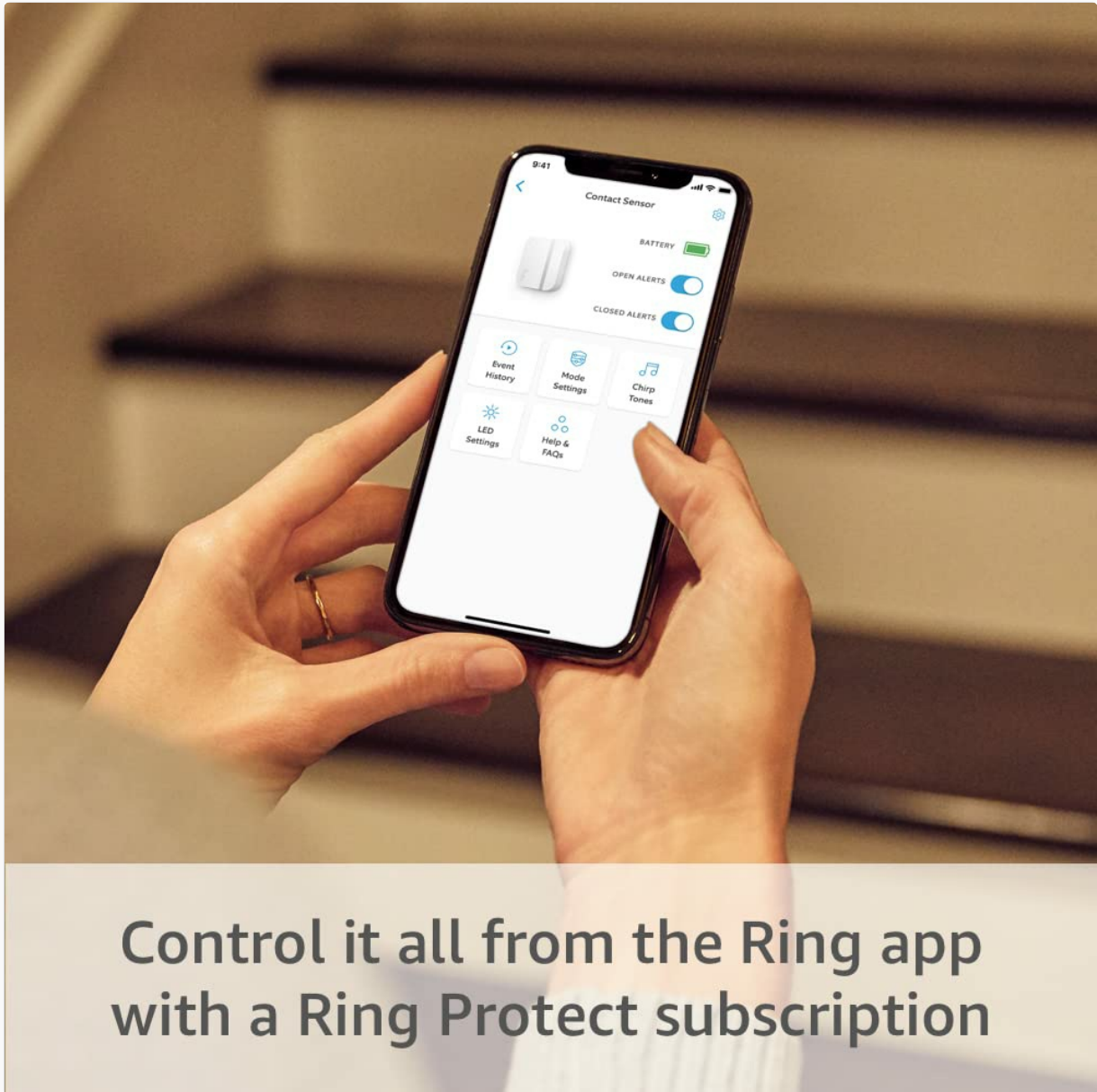- Adhesive mounting tape (pre-applied or included).

Image: Two Ring Alarm Contact Sensors (2nd Gen) showing their compact design.

3. SETUP AND INSTALLATION

The Ring Alarm Contact Sensor is designed for easy, tool-free installation. A Ring Alarm Base Station is required for the sensor to function.

1. **Prepare your Ring Alarm System:** Ensure your Ring Alarm Base Station is powered on and connected to your network.

2. **Open the Ring App:** Launch the Ring app on your smartphone or tablet.

3. **Add Device:** Navigate to the 'Devices' section and select 'Set Up a Device'. Follow the in-app instructions to add your new Contact Sensor. You may need to scan a QR code or pull a battery tab to activate the sensor for pairing.

4. **Choose a Location:** Identify a door or window frame where you want to install the sensor. The sensor consists of two parts: the main sensor and a smaller magnet.

5. **Mount the Sensor:** Peel the backing from the adhesive tape on both parts of the sensor. Mount the larger sensor unit to the door or window frame, and the smaller magnet unit to the door or window itself. Ensure the two parts are aligned and are no more than 1 inch apart when the door/window is closed.

For optimal performance, ensure the sensor and magnet are securely attached and within the recommended distance. The sensor can be mounted at a 90-degree angle if needed, as long as the 1-inch distance is maintained.

Image: A Ring Alarm Contact Sensor (2nd Gen) installed on a door frame, showing the main sensor and magnet aligned.

4. OPERATING INSTRUCTIONS

Once installed and paired with your Ring Alarm Base Station, the Contact Sensor will monitor the status of your door or window. When the door or window is opened, separating the sensor from its magnet, the sensor will trigger an event in your Ring Alarm system.

- **Alerts:** If you have a Ring Protect subscription, you will receive instant mobile alerts on your smartphone or tablet when the sensor is triggered.
- **Ring App Control:** Use the Ring app to view the status of your sensors (open/closed), review event history, and manage sensor settings such as open alerts and closed alerts.

Control select devices from one dashboard in the Ring app

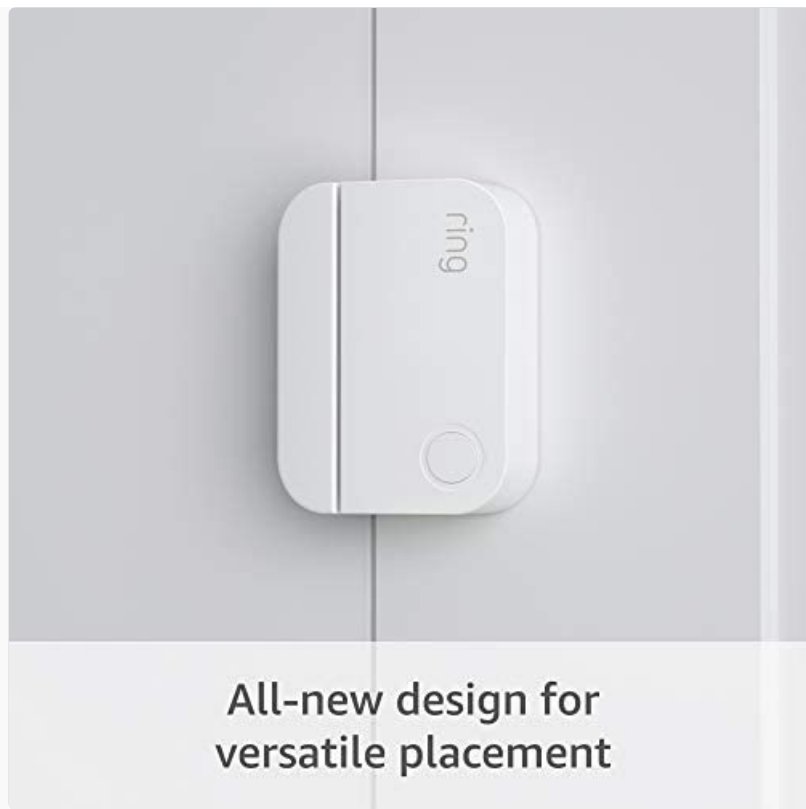Image: The Ring app dashboard displaying various connected devices and event history.

Image: A smartphone screen displaying the Ring app interface for managing contact sensor settings.

5. MAINTENANCE

The Ring Alarm Contact Sensor (2nd Gen) requires minimal maintenance. The primary maintenance task is battery replacement.

- **Battery Life:** The sensor uses CR2032 coin cell batteries, which typically last approximately 3 years under normal usage conditions.
- **Low Battery Alerts:** The Ring app will notify you when the battery level is low, indicating it's time for a replacement.
- **Battery Replacement:** To replace the battery, gently slide the cover off the main sensor unit. The design allows for easy access by leaving approximately ½ inch space on the non-magnet side during installation. Insert new CR2032 batteries, ensuring correct polarity.
- **Cleaning:** Occasionally wipe the sensor with a soft, dry cloth to remove dust. Do not use liquid cleaners.

6. TROUBLESHOOTING

If you encounter issues with your Ring Alarm Contact Sensor, consider the following:

- **Sensor Not Responding:** Check the battery level in the Ring app. If low, replace the battery. Ensure the sensor and magnet are within 1 inch of each other when the door/window is closed.
- **Connectivity Issues:** Verify that your Ring Alarm Base Station is online and functioning correctly. The sensor communicates with the Base Station via Z-Wave, with a range of up to 250 feet (open air, line of sight). Obstructions can reduce this range.
- **False Alarms:** Ensure the sensor and magnet are securely mounted and do not shift. Check for any physical obstructions that might cause the sensor to separate unexpectedly.
- **App Not Showing Status:** Confirm your smartphone has an active internet connection and the Ring app is up to date.

For persistent issues, refer to the Ring Alarm Kit support page or contact Ring customer support.

7. Specifications

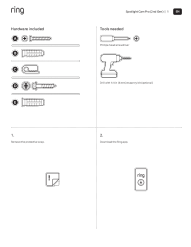| Feature	Detail
Power	CR2032 coin cell batteries
Battery Life	Approximately 3 years
Max Distance Between Sensors	1 inch (leave ½" space on non-magnet side for battery access)
Operating Conditions	Indoor use, 32°F to 120°F (0°C to 49°C)
Dimensions	1.56 in x 2.09 in x 0.55 in
Installation	Mounts to doors and windows, Ring Alarm Kit required
Connectivity	Z-Wave (250-foot range to Base Station open air, line of sight)

8. Warranty and Support

Warranty: The Ring Alarm Contact Sensor (2nd Gen) comes with a 1-year limited warranty and service included. Use of the Ring Alarm Kit is subject to specific terms, which can be found on the Ring website.

Support: For more information and assistance, please visit the official Ring Alarm Kit support page. For monitoring licenses, visit ring.com/licenses.

Related Documents - Contact Sensor 2nd Gen

	Ring Software Version History and Release Notes Comprehensive release notes and version history for Ring software updates, detailing firmware versions, release dates, device compatibility, and file sizes for Ring Alarm, Video Doorbells, Surveillance Cameras, Access Control devices, and Accessories.
	Ring Alarm Range Extender - 2nd Generation User Manual User manual for the Ring Alarm Range Extender (2nd Generation), detailing its introduction, setup, installation, Z-Wave instructions, inclusion and exclusion processes, factory reset, and technical specifications.

[Ring Spotlight Cam Pro (2nd Gen) Installation Guide](#)

Step-by-step instructions for installing the Ring Spotlight Cam Pro (2nd Gen), covering hardware, tools, wall, and ceiling mounting procedures.

[Ring Indoor Cam (2nd Gen) Installation Guide](#)

Step-by-step instructions for installing and setting up your Ring Indoor Cam (2nd Gen), covering hardware, tools, location, power, mounting, privacy features, and safety warnings.

[Ring Alarm Keypad – 2nd Generation User Manual and Setup Guide](#)

Comprehensive guide for the Ring Alarm Keypad 2nd Generation, covering setup, installation, Z-Wave integration, configuration, and compliance information. Learn how to arm and disarm your system, manage alarm conditions, and utilize Z-Wave features.

[Ring Alarm Setup Guide: Installation, Features, and Monitoring Options](#)

Learn how to set up, install, and use your Ring Alarm system. This guide covers device setup, professional and self-monitoring, alarm modes, and troubleshooting for your Ring home security system.