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HEIMAN 2SA-633

Wireless Photoelectric Smoke Detector

Model: 2SA-633 | Brand: HEIMAN

INTRODUCTION

This HEIMAN Wireless Photoelectric Smoke Detector is designed to provide enhanced safety for your home. It features advanced photoelectric sensing technology to detect smoke particles efficiently. With its wireless interconnectivity, multiple detectors can communicate with each other, ensuring that all alarms sound simultaneously throughout your home in the event of smoke detection, even if the source is in a different room.

The device is equipped with a long-lasting 10-year battery, minimizing maintenance requirements. Its compact design and easy installation make it a convenient and essential component of your home safety system.

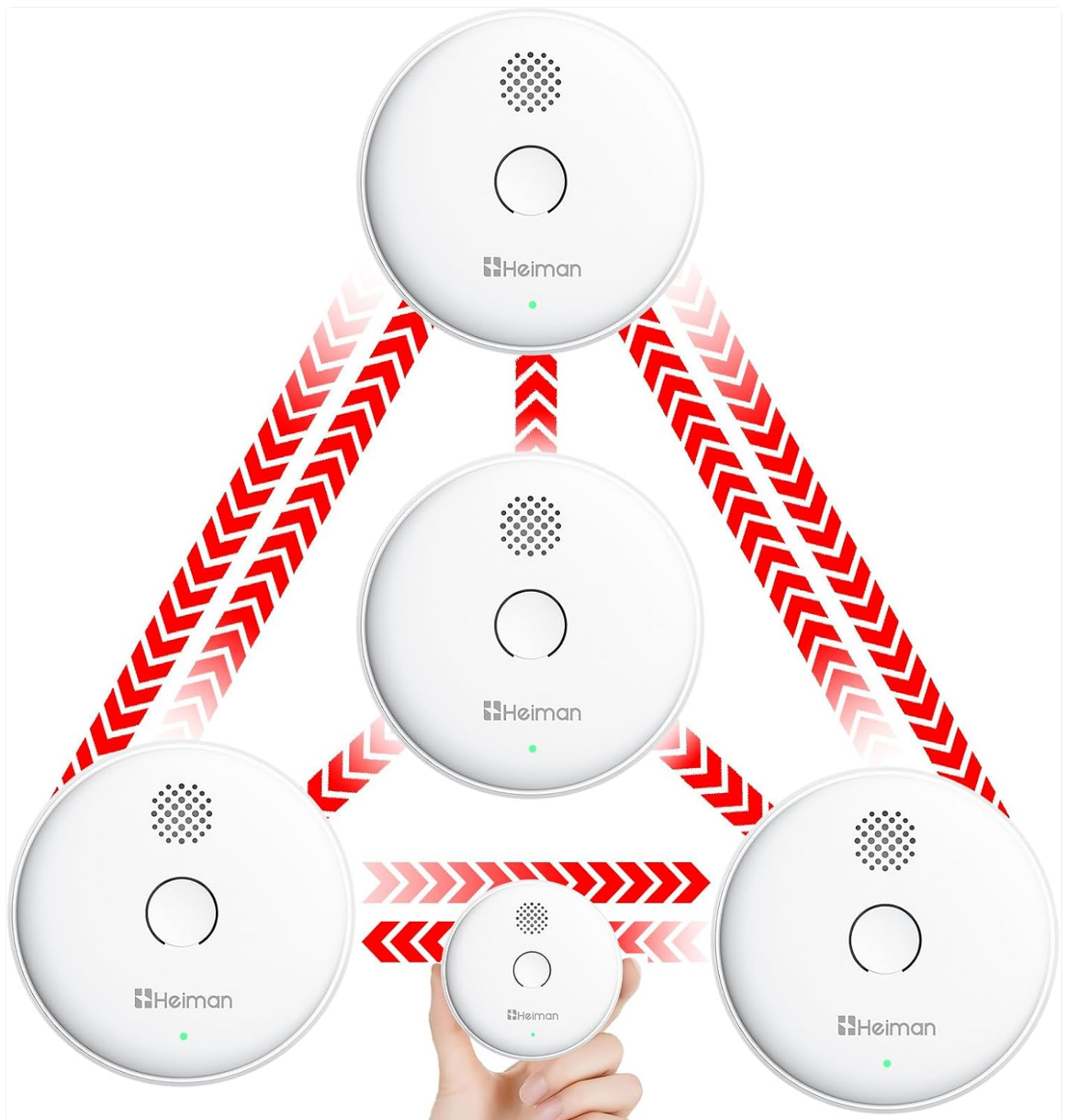


Image: The HEIMAN Wireless Photoelectric Smoke Detector, showcasing its sleek, compact design.

KEY FEATURES

- **Wireless Interconnectivity:** Connects with other HEIMAN detectors to create a synchronized alarm system, ensuring comprehensive coverage and early warning throughout your property.
- **10-Year Battery Life:** Equipped with a long-lasting lithium battery, providing reliable operation for up to a decade without the need for frequent battery replacements.
- **Photoelectric Sensor:** Highly sensitive sensor detects even the smallest smoke particles, offering quick and accurate detection of smoldering fires.
- **Mute Function:** Conveniently silence nuisance alarms (e.g., from cooking smoke) temporarily using the mute button.

- **Easy Installation:** Designed for quick and tool-free ceiling installation.

Rauchmelder funkvernetzt

Wenn ein Rauchmelder auslöst,
werden alle anderen alarmiert

CE EN 14604

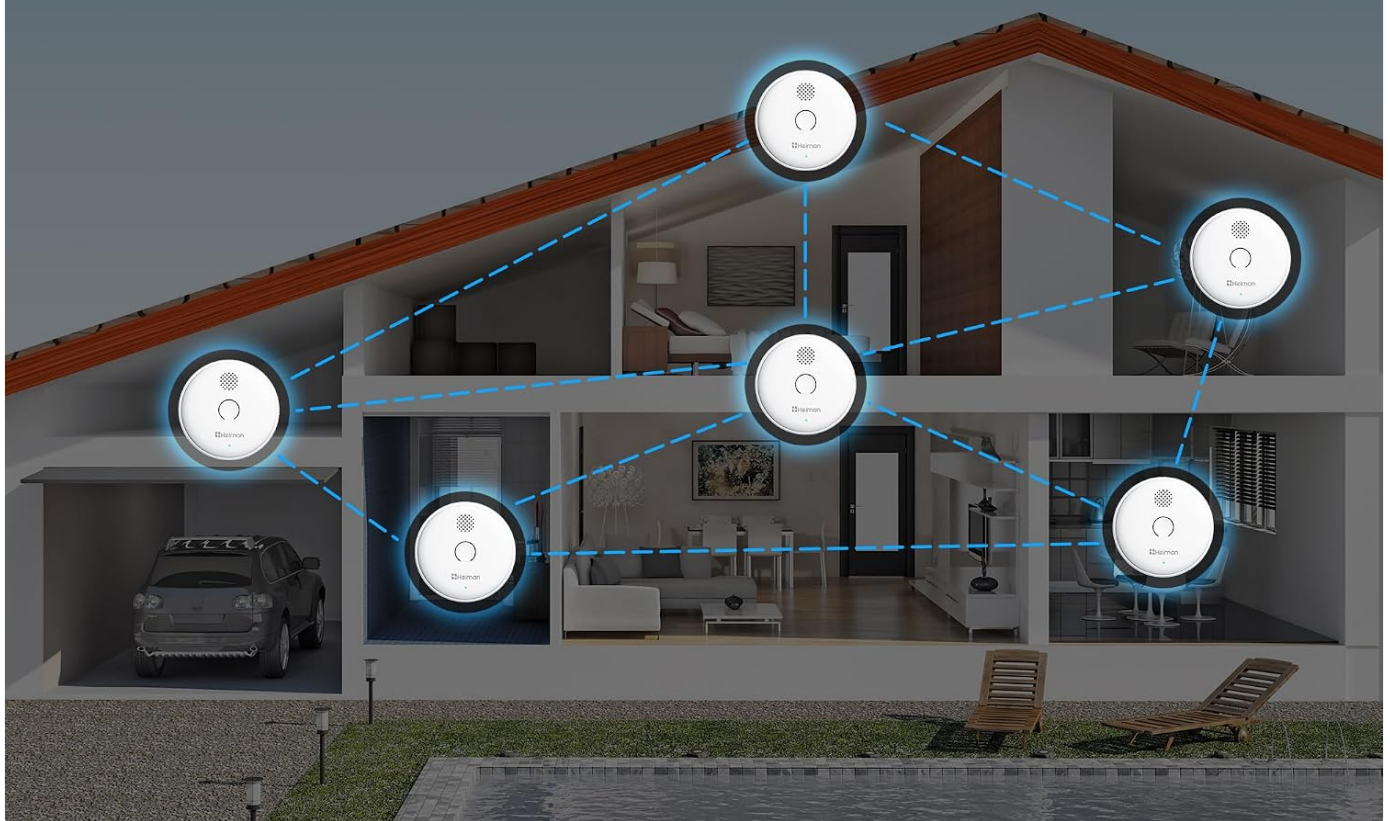


Image: Diagram illustrating multiple smoke detectors wirelessly interconnected across different rooms in a house, highlighting the comprehensive safety coverage.

INTERCONNECTED UP TO 40 WIRELESS ALARMS

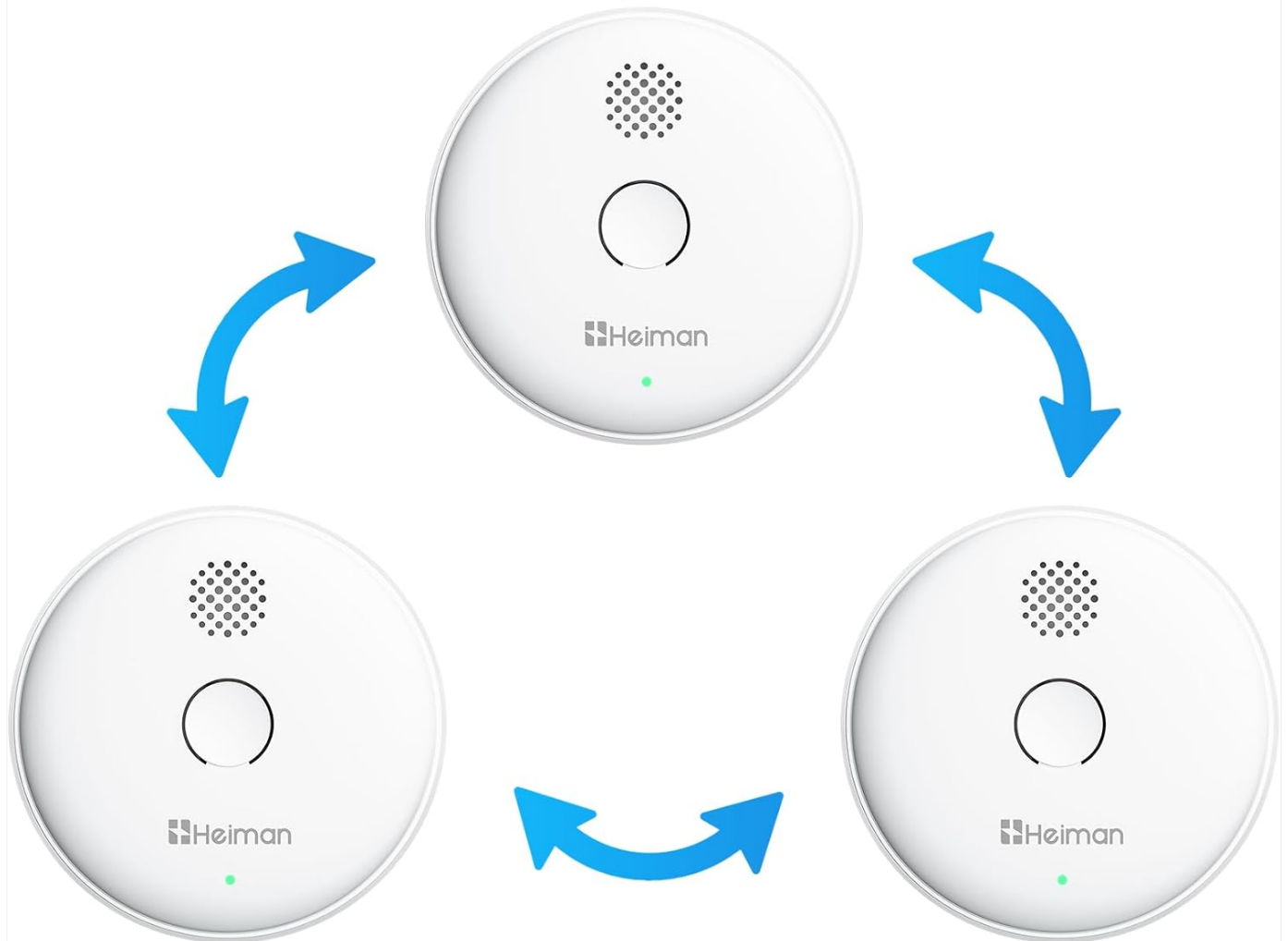


Image: A visual representation of three HEIMAN smoke alarms forming a wireless network, indicating their ability to interconnect for broader coverage.

SETUP AND INSTALLATION

Package Contents:



Image: The product box, a single smoke detector, mounting screws, and a user manual, showing all items included in the package.

Before installation, ensure all components are present:

- Smoke Detector Unit
- Mounting Bracket
- Screws and Wall Plugs
- User Manual
- CR123A/CR1733A Lithium Battery (pre-installed or included)

Installation Steps:

1. **Choose Location:** Select a central location on the ceiling in each room, hallway, and floor. Avoid placing near vents, windows, or in direct sunlight.
2. **Mounting Bracket:** Use the provided screws and wall plugs to securely attach the mounting bracket to the ceiling. Ensure it is firmly fixed.
3. **Activate Battery:** If the battery is not pre-installed, insert the CR123A/CR1733A lithium battery into the detector. The

device will typically emit a short beep to indicate activation.

4. **Attach Detector:** Align the smoke detector with the mounting bracket and twist clockwise until it clicks securely into place.
5. **Test Functionality:** Press and hold the Power/Test/Mute button on the detector for a few seconds. The alarm should sound, and the LED indicator should flash, confirming proper operation.



Image: An exploded view diagram of the smoke detector, labeling its key components such as the buzzer, power/test/mute button, LED indicator, smoke entrance, and the CR123A/CR1733A lithium battery.

OPERATING INSTRUCTIONS

Normal Operation:

Once installed and activated, the smoke detector will continuously monitor for smoke. The LED indicator will flash periodically (e.g., every 53 seconds) to confirm it is functioning correctly.

Alarm Activation:

If smoke is detected, the alarm will sound loudly (85 dB) and the LED indicator will flash rapidly. If multiple HEIMAN detectors are interconnected, all connected units will also sound their alarms.

Mute Function:

To temporarily silence a nuisance alarm (e.g., from cooking), press the Power/Test/Mute button. The alarm will be silenced for a short period (e.g., 10 minutes) before automatically resetting. If smoke levels remain high, the alarm will reactivate.

Testing the Detector:

It is recommended to test your smoke detector weekly. Press and hold the Power/Test/Mute button for approximately 1 second. The alarm should sound, confirming the sensor and alarm are working.



Image: A smoke detector mounted on a ceiling, with a family in the room below, symbolizing safety and peace of mind provided by the device.

MAINTENANCE

Cleaning:

Dust and debris can affect the performance of your smoke detector. Gently vacuum the exterior of the detector using a soft brush attachment at least once a month. Do not use cleaning solvents or wet cloths.

Battery Replacement:

This smoke detector is designed with a 10-year sealed lithium battery, meaning the battery is not user-replaceable. The unit will indicate a low battery warning (e.g., chirping sound) when it reaches the end of its service life. At this point, the entire unit should be replaced.

Note: The manufacturer states the battery is not replaceable. The unit should be replaced after 10 years of operation or when the low battery warning sounds.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps periodically.	Low battery warning.	The battery is sealed and not replaceable. Replace the entire smoke detector unit.
Alarm sounds without visible smoke.	Dust or debris in the sensor. High humidity or steam (e.g., from bathroom). Cooking fumes.	Clean the detector as per maintenance instructions. Relocate the detector if it's frequently exposed to steam. Use the mute function for nuisance alarms.
Detector does not respond to test button.	Unit not properly activated. End of service life.	Ensure the unit is twisted securely onto its mounting bracket. Replace the entire smoke detector unit.

TECHNICAL SPECIFICATIONS

Attribute	Value
Model Number	2SA-633
Part Number	HM2SA-2W-T
Brand	HEIMAN
Detection Type	Photoelectric
Power Source	Battery Powered

Attribute	Value
Battery Type	CR123A/CR1733A Lithium (sealed, 10-year life)
Voltage	3 Volts
Alarm Loudness	85 dB
Product Dimensions	8.5 x 8.5 x 2.6 cm (3.385 x 3.385 x 1.024 inches)
Item Weight	70 grams
Material	ABS Plastic
Operating Humidity	≤95%
Operating Temperature	Up to 55°C
Certifications	CE, EN 14604

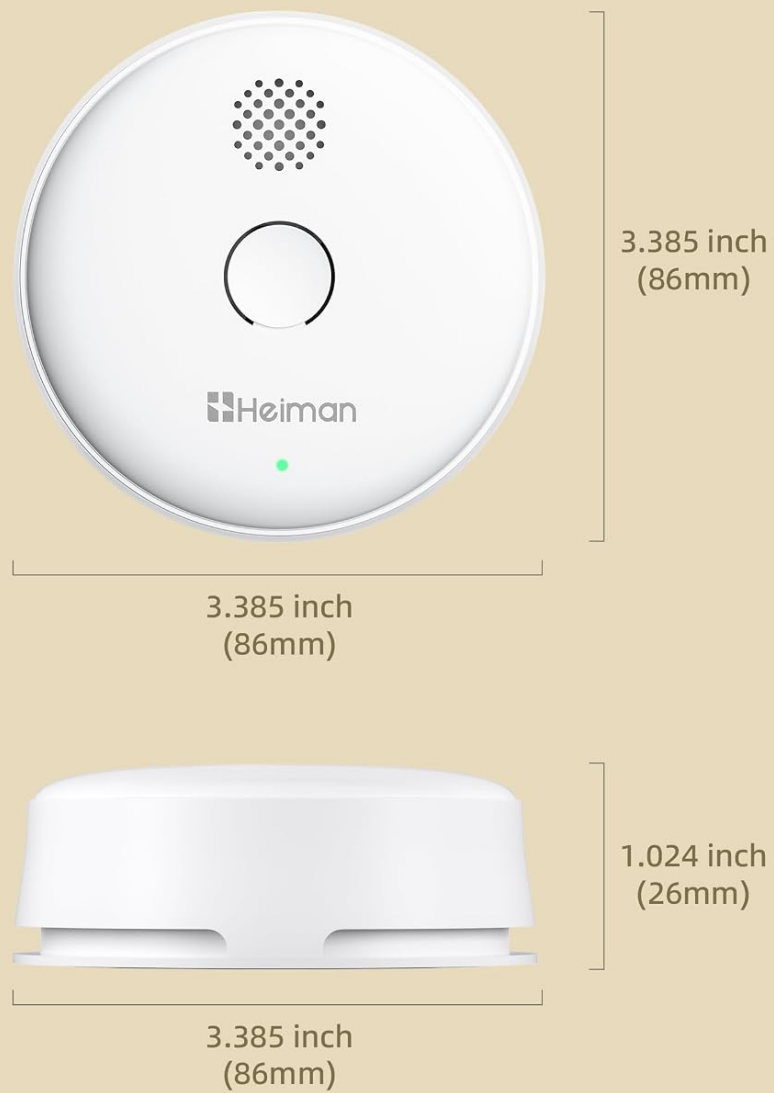


Image: Technical drawing showing the dimensions of the smoke detector in both inches and millimeters.



Image: The underside of the smoke detector, displaying model number, power details, frequency, maximum interconnectable quantity, and various certifications like CE and DBI.

WARRANTY AND SUPPORT

Specific warranty information for this product is typically provided with the purchase documentation or can be obtained directly from the manufacturer, HEIMAN. Please refer to the included user manual or the manufacturer's official website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact HEIMAN customer service through their official channels. Contact information is usually available on the product packaging or the manufacturer's website.

It is recommended to keep your purchase receipt as proof of purchase for any warranty-related inquiries.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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