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> Heiman Smart Home Wireless Smoke Detector Kit (Model HM2SA-1W-T) with Gateway (WS3GW-R) and App Control - User Manual

HEIMAN HM2SA-1W-T

Heiman Smart Home Wireless Smoke Detector Kit (Model HM2SA-1W-T) with Gateway (WS3GW-R)

User Manual



Image: Heiman Smart Home Wireless Smoke Detector Kit with gateway, showing a man interacting with the system via a smartphone.

1. INTRODUCTION

This user manual provides essential information for the installation, operation, and maintenance of your Heiman Smart Home Wireless Smoke Detector Kit. This kit includes HM2SA-1W-T smoke detectors and a WS3GW-R gateway, designed to provide reliable fire safety and real-time alerts through a connected application.

The smoke detectors are certified with Q-Label and EN 14604, ensuring tested quality and dependable protection for living areas and bedrooms. The system features interconnected alarms, remote app notifications, and a 10-year battery life for long-term, worry-free security.

The Heiman logo consists of a stylized square icon with a grid pattern to the left of the brand name 'Heiman' in a bold, sans-serif font.

Détecteur de Fumée Intelligent

Une alerte, toute la maison réagit. Une coordination instantanée protège chaque recoin de votre foyer.

HM2SA-1W-T&WS3GW-R



Image: A family in a living room, with a Heiman smoke detector visible on the ceiling. Certification logos for RoHS, EN 14604, UKCA, CE, and Q-certified are displayed.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Do not paint the smoke detector. Paint can clog the sensing chambers and prevent the alarm from operating correctly.
- Do not install in areas with high humidity, excessive dust, or extreme temperatures.
- Test the smoke detector regularly as described in the "Operating" section.
- The 10-year battery is sealed and not replaceable. Do not attempt to open the detector or replace the battery.
- Ensure the gateway is connected to a stable 2.4 GHz Wi-Fi network. It is not compatible with 5 GHz Wi-Fi.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Heiman HM2SA-1W-T Wireless Smoke Detectors (quantity as purchased, e.g., 6 units)
- Heiman WS3GW-R Smart Gateway
- Magnetic Mounts for Smoke Detectors
- Screws and Wall Plugs for alternative mounting
- User Manual (this document)

4. PRODUCT OVERVIEW

The Heiman Smart Home Smoke Detector Kit consists of two main components:

- **HM2SA-1W-T Smoke Detector:** A compact, wireless photoelectric smoke detector with an integrated 10-year battery and an 85 dB alarm. It features a test/silence button.
- **WS3GW-R Smart Gateway:** The central hub that connects the smoke detectors to your home Wi-Fi network and enables app control and remote notifications.

Certifications Officielles

Prix Red Dot et multiples certifications européennes



Image: A close-up view of the Heiman HM2SA-1W-T Wireless Smoke Detector.

Alertes Doubles, Sécurité Renforcée

Alarme 85 dB, passerelle 75 dB et notifications app pour des alertes fortes et rapides.



Image: Heiman smoke detector and gateway displayed on a table, illustrating their compact design and dimensions.

5. SETUP

5.1. Gateway Installation and App Setup

1. **Power On Gateway:** Connect the WS3GW-R gateway to a power source using the provided adapter. The gateway will power on automatically.
2. **Download App:** Download the "HEIMAN Home Security" app from your smartphone's app store (iOS or Android).
3. **Register/Login:** Open the app and register a new account or log in if you already have one.
4. **Add Gateway:** Follow the in-app instructions to add the WS3GW-R gateway. Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network during this process. The gateway connects via Wi-Fi 2.4 GHz (not compatible with 5 GHz).

Un se déclenche tous alertent.

Dès qu'un détecteur capte de la fumée, toutes les alarmes retentissent simultanément.



Image: Diagram illustrating the connection process of the Heiman gateway to a smartphone app via 2.4 GHz Wi-Fi.

5.2. Smoke Detector Installation

The smoke detectors can be installed using either the magnetic mount or screws.

- **Magnetic Mount (Drill-Free):**

- a. Clean the ceiling surface where the detector will be mounted.
- b. Peel off the protective film from the adhesive side of the magnetic mount.
- c. Firmly press the magnetic mount onto the desired ceiling location.
- d. Attach the smoke detector to the magnetic mount. It will snap into place.

• **Screw Mount (Permanent):**

- a. Mark the drilling points on the ceiling using the mounting bracket as a template.
- b. Drill holes and insert wall plugs if necessary.
- c. Secure the mounting bracket to the ceiling with screws.
- d. Align the smoke detector with the mounting bracket and twist clockwise until it locks into place.



Image: Two installation methods for the Heiman smoke detector: magnetic adhesive mount and screw mount.

5.3. Adding Smoke Detectors to the App

Once the gateway is set up, add each smoke detector to the app:

1. Open the HEIMAN Home Security app.
2. Select the option to add a new device (usually a "+" icon).
3. Follow the on-screen prompts to pair the smoke detector with the gateway. This typically involves pressing the test button on the smoke detector.
4. Assign a name and location (e.g., "Living Room Smoke Detector") to each detector for easy identification.

6. OPERATING

6.1. Testing the Smoke Detector

It is recommended to test your smoke detectors weekly or monthly to ensure proper functionality.

- Press and hold the large test/silence button on the smoke detector for a few seconds.
- The detector will emit a loud alarm (85 dB) and the LED indicator will flash.
- If connected to the gateway, all other interconnected detectors will also alarm, and you will receive a notification on your smartphone.
- Release the button to stop the test alarm.

Double Méthode d'Installation

Fixation magnétique ou permanente selon vos préférences



*Détecteur de fumée uniquement

Image: A close-up of the Heiman smoke detector, highlighting the large test/silence button.

6.2. Silence Function

In case of a false alarm (e.g., from cooking steam), you can temporarily silence the alarm:

- **Local Silence:** Press the large test/silence button on the alarming smoke detector. The alarm will be silenced for a short period (e.g., 10 minutes) before resetting.

- **App Silence:** Open the HEIMAN Home Security app. When an alarm is active, an option to silence the alarm will appear. Tap this option to silence the alarm remotely.

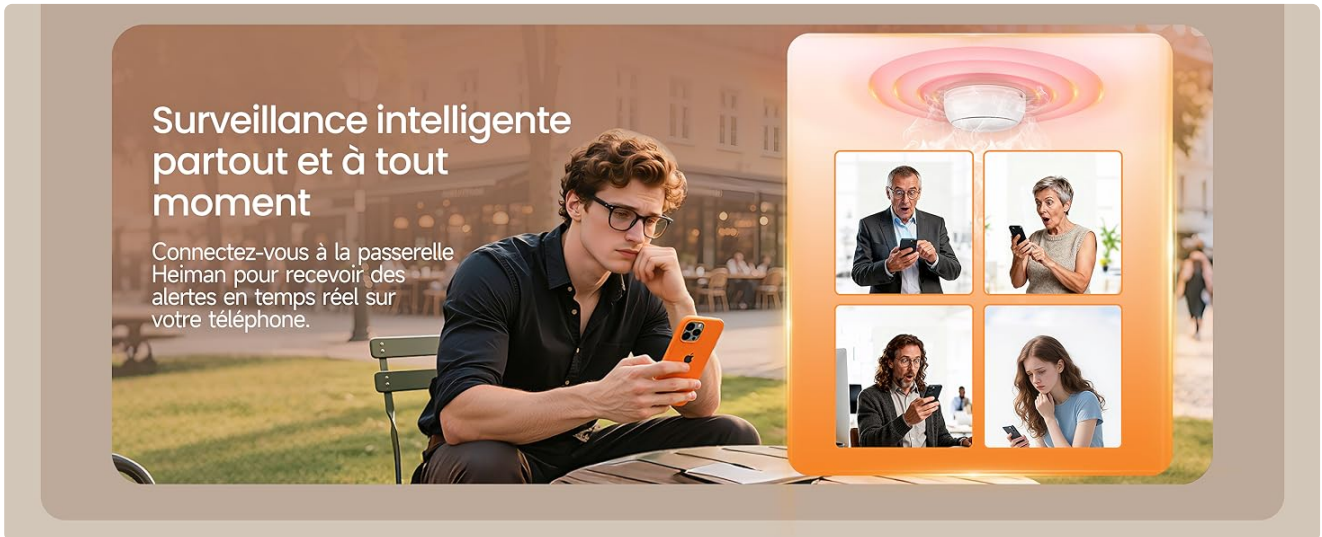


Image: A person using the Heiman app on a smartphone to test or silence a smoke detector, with a dog nearby.

6.3. Interconnected Alarms

When one smoke detector detects smoke, all other connected detectors in the system will also sound an alarm. This ensures rapid warning throughout your entire home, even if the fire starts in an unoccupied area.

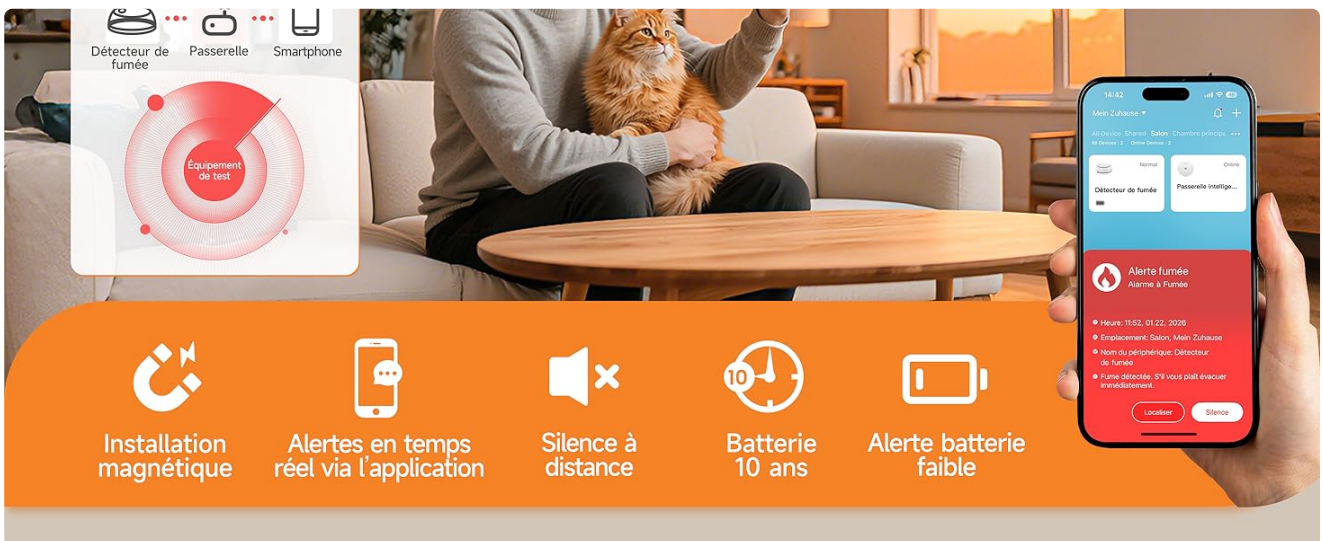


Image: A diagram showing multiple Heiman smoke detectors interconnected within a house, indicating that if one detects smoke, all others are alerted.

6.4. Remote App Notifications

The gateway sends real-time push notifications to your smartphone when smoke is detected, even when you are away from home. This allows you to take immediate action or contact emergency services.

Certification Officielle

Le label Q reconnu garantit une qualité supérieure une grande durabilité et moins de fausses alertes.

DBI
Certification


1116-Q-044

EN 14604
Conformité européenne

CE
Marquage CE

**UK
CA**
Conformité évaluée au
Royaume-Uni


Restriction des
substances dangereuses

Image: A woman checking her smartphone for Heiman app notifications, with smaller images showing other people receiving alerts.

7. MAINTENANCE

7.1. Battery Life

The HM2SA-1W-T smoke detector features a sealed, integrated 10-year battery (CR123A 3V DC). This eliminates the need for frequent battery changes, providing long-term, maintenance-free operation. The app will notify you of a low battery status.

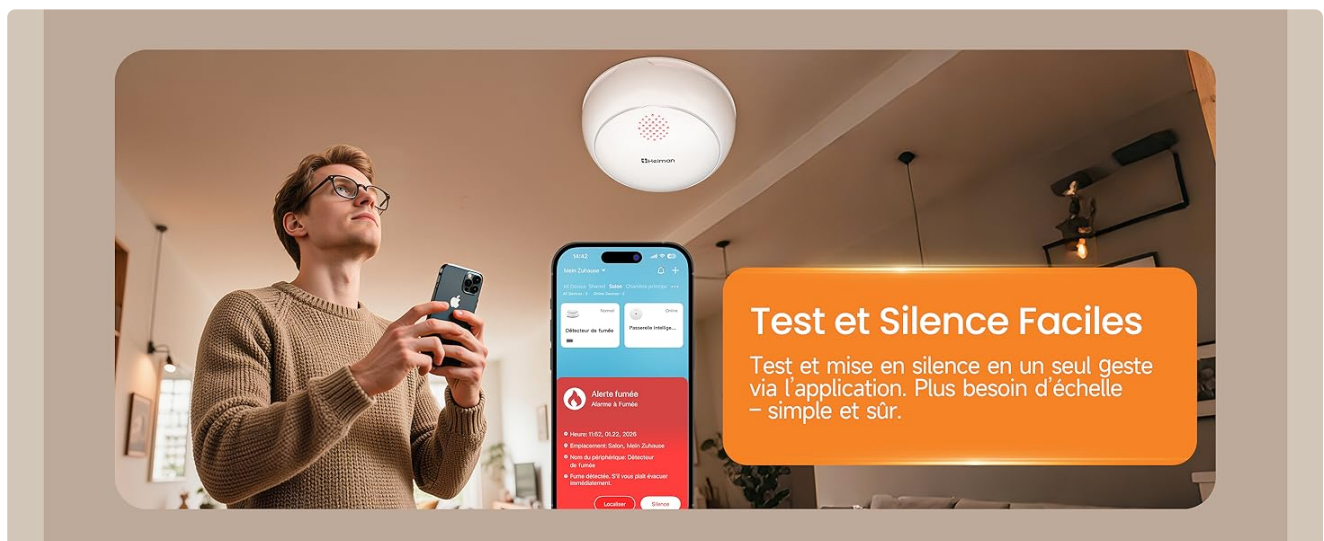


Image: A graphic representation of the Heiman smoke detector with an internal 10-year battery, emphasizing its long lifespan.

7.2. Cleaning

Clean your smoke detector at least once a month to remove dust and debris that could interfere with its operation. Use a soft brush attachment on your vacuum cleaner to gently clean the exterior of the detector. Do not use water, cleaners, or solvents.

7.3. Regular Testing

Perform a manual test of each smoke detector at least once a month, as described in section 6.1, to confirm it is functioning correctly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not alarm during test.	Battery depleted or detector malfunction.	Check app for low battery warning. If no warning and detector fails test, replace the unit.
False alarms.	Cooking fumes, steam, dust, or insects.	Use the silence function. Clean the detector. Relocate if frequently triggered by normal activities.
Gateway cannot connect to Wi-Fi.	Incorrect Wi-Fi password, 5 GHz network, or weak signal.	Ensure 2.4 GHz Wi-Fi. Re-enter password. Move gateway closer to router.
Smoke detector not appearing in app.	Not paired correctly or out of range.	Repeat pairing process (Section 5.3). Ensure detector is within range of the gateway (up to 80m).
No app notifications.	App permissions, notification settings, or gateway offline.	Check app notification permissions on your phone. Ensure gateway is online and connected to Wi-Fi.

9. SPECIFICATIONS

Feature	Detail
Smoke Detector Model	HM2SA-1W-T
Gateway Model	WS3GW-R
Smoke Detector Dimensions (L x W x H)	86 x 86 x 34.5 mm (3.39 x 3.39 x 1.36 inches)
Smoke Detector Weight	93.8 g (0.21 lbs)
Gateway Dimensions (L x W x H)	64 x 64 x 30 mm (2.52 x 2.52 x 1.18 inches)
Gateway Weight	70.6 g (0.16 lbs)
Battery (Smoke Detector)	Integrated 10-year CR123A 3V DC battery
Alarm Volume	85 dB at 3 meters
Wireless Connectivity (Gateway)	Wi-Fi 2.4 GHz (IEEE 802.11b/g/n)
Wireless Connectivity (Detectors)	RF Radio Network (interconnected)
Gateway Range	Up to 80 meters (open field)
Certifications	Q-Label, EN 14604, CE, UKCA, RoHS
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	≤ 95% RH (non-condensing)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official HEIMAN website or contact your retailer. Keep your purchase receipt as proof of purchase.

Online Resources: Visit the HEIMAN official website for FAQs, updated manuals, and software downloads.

Customer Service: Contact HEIMAN customer support for assistance with product issues or inquiries.

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