

## SITERWELL GS886-H04

# SITERWELL Smoke Detector GS886-H04 User Manual

Model: GS886-H04 | Brand: SITERWELL

## 1. INTRODUCTION

Thank you for choosing the SITERWELL GS886-H04 Smoke Detector. This device is designed to provide early warning of smoke and fire, enhancing the safety of your home or property. It features a 10-year sealed battery, photoelectric and electrochemical sensors for accurate detection, and bilingual voice alerts in English and French. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.



Image: Overview of the SITERWELL GS886-H04 Smoke Detector, highlighting its 10-year battery backup, UL217-9th Standards compliance, and CSFM compliance.

## 2. IMPORTANT SAFETY INFORMATION

This smoke detector is designed to detect smoke particles. It cannot prevent a fire. For maximum protection, install smoke detectors on every level of your home, inside each sleeping area, and in the hallway outside of each sleeping area. Always follow local and national building codes.

- **Do Not Paint:** Never paint the smoke detector. Paint can clog the openings and interfere with the sensor's ability to detect smoke.
- **Regular Testing:** Test the smoke detector monthly to ensure it is functioning correctly.
- **End-of-Life:** Replace the smoke detector after 10 years from the date of manufacture.
- **False Alarms:** Do not ignore any alarm. Investigate the cause of the alarm immediately.



Image: Two SITERWELL smoke detectors, showing the front face with the 'TEST/SILENCE' button and 'DO NOT PAINT' warning.

### 3. PRODUCT FEATURES

- **10-Year Sealed Battery:** Provides continuous power for up to ten years, eliminating the need for frequent battery replacements.
- **Dual Sensor Technology:** Equipped with both photoelectric and electrochemical sensors for enhanced detection of various fire types and reduced false alarms.
- **Bilingual Voice Alerts:** Announces warnings in both English ("Fire!") and French ("Incendie!") for clear communication to all household members.
- **85dB Loud Alarm:** Produces a piercing alarm sound exceeding 85 decibels to ensure it is heard throughout the home.
- **Do Not Disturb Mode:** Activates for approximately ten hours when the test button is pressed during low voltage or fault conditions, preventing nuisance alarms at night.
- **Self-Check Function:** Automatically checks circuit, electronics, and battery status every 80 seconds to ensure proper operation.
- **UL217-9th Standards Compliant:** Rigorously tested and certified to meet the latest safety and performance

standards.

- **Micro-mesh Design:** Helps prevent dust and insects from entering the sensor chamber, reducing false alarms and improving reliability.
- **Fireproof Material:** Constructed from durable, fire-resistant materials for added safety.



# Smoke Detector

GS886-H04 Standalone

10-Year Battery Backup | Meets UL217-9th Standards | CSFM Compliant



Image: Visual summary of key features including voice alerts, smoke detection, 10-year battery, and 10-hour silence mode.

# 10-Year Battery

No hassle of replacing battery outages



Image: Detailed view of the internal 10-year sealed battery, emphasizing its long-lasting power.

# Bilingual Voice Alerts

Ideal for multilingual households

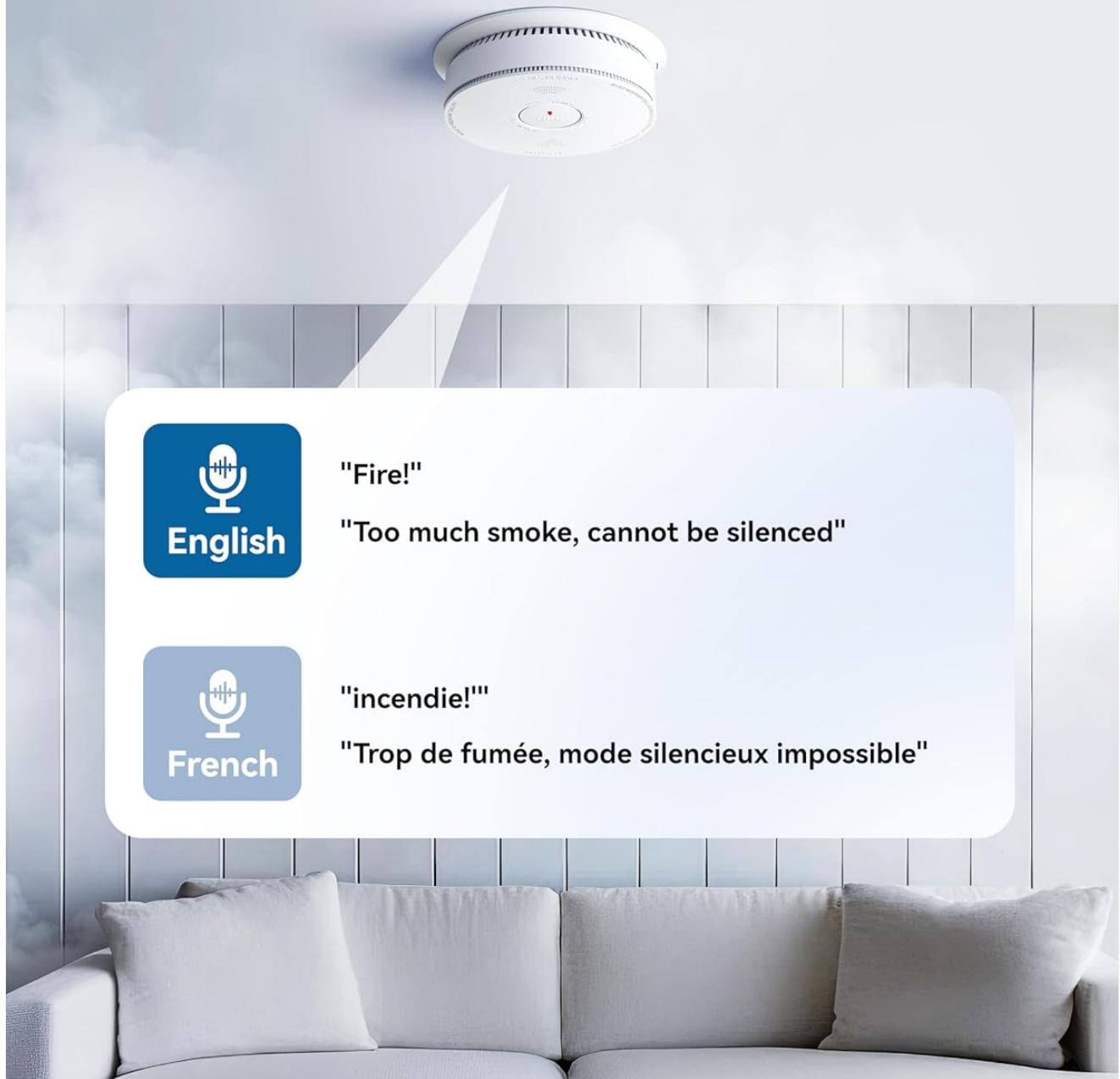


Image: Illustration of the smoke detector's bilingual voice alert feature, showing English and French phrases for fire warnings.

## 4. SETUP AND INSTALLATION

### 4.1 Choosing a Location

Proper placement of your smoke detector is crucial for effective fire detection. Follow these guidelines:

- Install at least one smoke detector on every level of your home, including basements and attics.
- Place a smoke detector inside each bedroom and in the hallway outside of each sleeping area.

- For ceiling mounting, position the detector in the center of the room or at least 4 inches (10 cm) from any wall.
- For wall mounting, the top of the detector should be between 4 and 12 inches (10-30.5 cm) from the ceiling.
- Avoid placing detectors near windows, doors, or air vents where drafts might interfere with smoke detection.
- Do not install in kitchens, bathrooms, or garages where cooking fumes, steam, or exhaust might cause false alarms.



Image: Diagrams illustrating optimal and acceptable installation locations for smoke detectors on ceilings and walls, including sloped ceilings.

## 4.2 Mounting Instructions

The SITERWELL GS886-H04 comes with a universal wall plate for easy installation.

1. **Prepare the Mounting Location:** Choose a suitable location according to the guidelines above.
2. **Attach the Mounting Plate:** Use the included screws and anchors to securely attach the mounting plate to the ceiling or wall. Ensure the plate is firmly fixed.
3. **Activate and Mount the Detector:** Align the smoke detector with the mounting plate. Rotate the detector clockwise until it clicks into place. This action will activate the internal 10-year battery.
4. **Test the Detector:** After mounting, press and hold the 'TEST/SILENCE' button for a few seconds until you hear the alarm sound and voice alerts. This confirms the unit is functioning correctly.

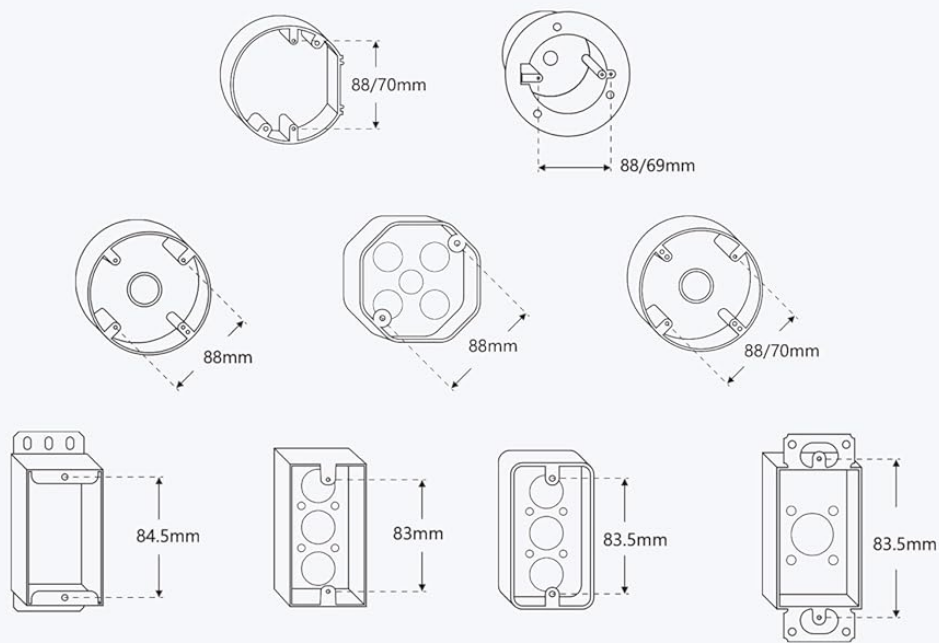


Image: Detailed diagrams showing the dimensions of the smoke detector (6.1in x 1.65in) and various compatible mounting plate configurations.

# Meets UL217-9th Standards

Securely fixed with included screws



Image: A SITERWELL smoke detector securely installed on a ceiling, with UL and ETL certification logos visible, indicating compliance with safety standards.

## 5. OPERATING INSTRUCTIONS

### 5.1 Normal Operation

Under normal operating conditions, the green LED indicator will flash approximately once every 60 seconds, indicating that the detector is powered on and functioning correctly.

## 5.2 Alarm Conditions

When smoke is detected, the red LED indicator will flash rapidly, and the alarm will sound with bilingual voice alerts ("Fire!" / "Incendie!"). The alarm will continue until the smoke clears.

## 5.3 Silence Feature

In case of a nuisance alarm (e.g., from cooking fumes), you can temporarily silence the alarm by pressing the 'TEST/SILENCE' button. The alarm will be silenced for approximately 9 minutes. If the smoke level is still high after the silence period, the alarm will reactivate.

**Do Not Disturb Mode:** If the detector indicates a low voltage or fault (yellow LED flash), pressing the 'TEST/SILENCE' button will activate a Do Not Disturb mode for approximately ten hours. This prevents frequent chirping or flashing during the night, ensuring uninterrupted sleep. The detector will resume normal fault indication after this period.



## Micro-mesh Design

One-Click Silence for  
**10h**



**85dB** Loud Sound



Normal Talk



Street Noise



Car Home



Aircraft Takeoff



Power  
Light Indication



Fault  
Light Indication



Alarm  
Light Indication



Fireproof Material

Image: Details on the smoke detector's features, including the one-click silence for 10 hours, 85dB loud sound comparison, and light indications for power (green), fault (yellow), and alarm (red).

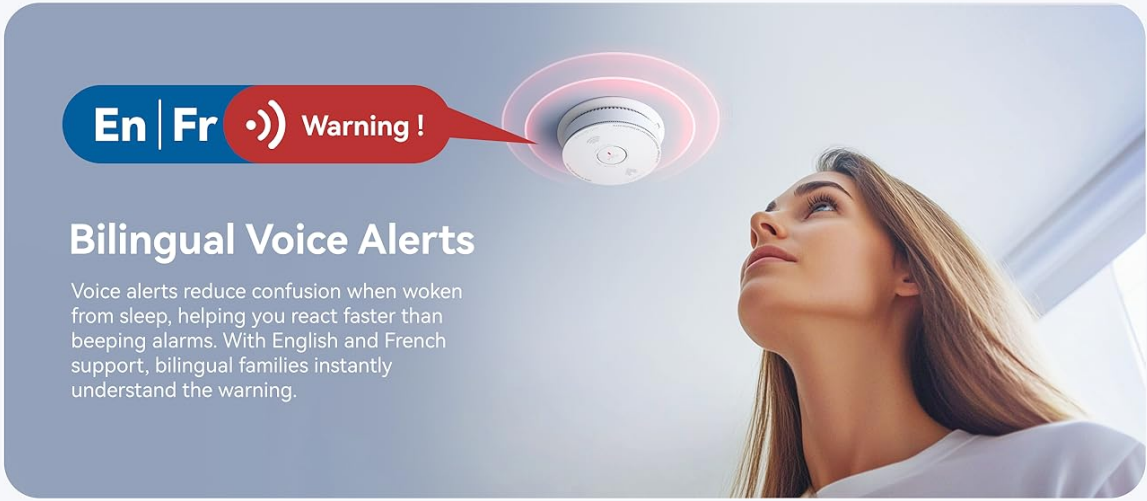


Image: Illustration of the soft lighting design, showing green for proper function, red for danger detected, and yellow for error or low battery.

## 6. MAINTENANCE

Regular maintenance ensures your smoke detector remains in optimal working condition.

- **Monthly Testing:** Press and hold the 'TEST/SILENCE' button for a few seconds until the alarm sounds. If the alarm does not sound, refer to the Troubleshooting section.
- **Cleaning:** Gently vacuum the outside of the smoke detector with a soft brush attachment at least once a year to remove dust and debris. Do not use cleaning solvents or spray directly onto the unit.
- **Battery Life:** The built-in battery is designed to last 10 years. When the battery is nearing the end of its life, the detector will chirp periodically (e.g., once every 30-60 seconds) to indicate it needs replacement.
- **Replacement:** Replace the entire smoke detector unit after 10 years from the date of manufacture, or immediately if it malfunctions.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not sound during test.	Unit not activated; battery depleted; faulty unit.	Ensure unit is properly twisted onto mounting plate to activate. If activated and still no sound, replace the unit.
Frequent chirping or yellow LED flash.	Low battery warning; fault detected.	Press the 'TEST/SILENCE' button to activate Do Not Disturb mode for 10 hours. If chirping persists after 10 hours, the unit needs replacement.
False alarms.	Cooking fumes, steam, dust, high humidity, insects.	Press 'TEST/SILENCE' button to temporarily silence. Ventilate the area. Clean the detector regularly. Relocate if false alarms are persistent due to environmental factors.
Alarm sounds continuously.	Presence of smoke/fire.	Evacuate immediately and call emergency services. Do not re-enter until authorities deem it safe.

## 8. SPECIFICATIONS

Attribute	Value
Model Number	GS886-H04
Power Source	Built-in 10-Year Sealed Lithium Battery
Sensor Type	Photoelectric and Electrochemical
Alarm Loudness	≥ 85 dB at 3 meters (10 feet)
Operating Temperature	40°F (4.4°C) to 100°F (37.8°C)
Operating Humidity	Up to 93% RH non-condensing
Dimensions	6.1 inches (155mm) diameter x 1.65 inches (41.8mm) height
Weight	Approximately 1.41 pounds (0.64 kg) per 2-pack
Certifications	UL 217, UL 2034, ETL Listed, CSFM Compliant
UPC	725576461221

## 9. WARRANTY AND SUPPORT

For specific warranty details and customer support, please refer to the documentation included with your product packaging or visit the official SITERWELL website. SITERWELL is committed to providing high-quality products and reliable customer service.

**Beware of counterfeit products:** Only purchase from Siterwell's official website or authorized resellers to ensure genuine quality and support. Unauthorized use of Siterwell branding and product information is prohibited and subject to legal action.

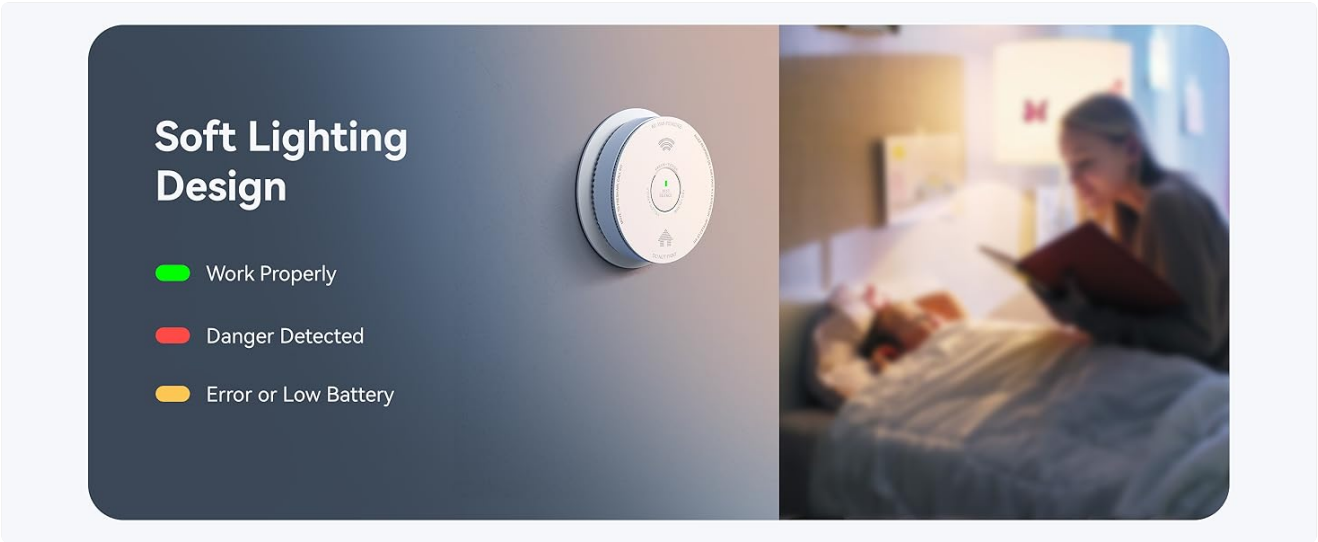






Image: An illustration warning consumers to beware of counterfeit SITERWELL products and to purchase only from official or authorized sources.

### Related Documents

	<p><a href="#">Siterwell GS526A Photoelectric Smoke Alarm User Manual</a></p> <p>User manual for the Siterwell GS526A Photoelectric Smoke Alarm, covering product specifications, operation, LED indicators, low battery warnings, and installation guidelines.</p>
	<p><a href="#">Siterwell ZA258A Photoelectric Smoke Alarm User Manual and Installation Guide</a></p> <p>Comprehensive user manual for the Siterwell ZA258A Photoelectric Smoke Alarm, covering specifications, safety, operation, installation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Siterwell GS886F Smoke and Carbon Monoxide Detector Instruction Manual</a></p> <p>Comprehensive instruction manual for the Siterwell GS886F hardwired interconnected smoke and carbon monoxide detector, covering installation, operation, maintenance, and troubleshooting.</p>
	<p><a href="#">Siterwell GS509A Smoke Alarm Instruction Manual - Installation and Operation Guide</a></p> <p>Comprehensive instruction manual for the Siterwell GS509A photoelectric smoke alarm. Learn about installation, maintenance, troubleshooting, and safety guidelines for optimal fire detection.</p>