

DeNova Detect 7-Year Battery-Powered Natural Gas Alarm

(Operates on Amazon Sidewalk)

807NAS

- **10% LEL gas alarm threshold** alerts you to emergencies much sooner with **11 minutes more alert time** on average than a 25% LEL gas alarm threshold, validated by Fire & Risk Alliance
- **Mobile app functionality** provides instantaneous alerts in the event of a gas leak. Wireless interconnection between all 807NAS devices in the home ensures audible alarm can be heard regardless of leak location
- **Virtually eliminates nuisance alarms** caused by harsh household chemicals, such as laundry detergent, disinfectant spray, aerosol hairspray, furniture polish, among others, validated by GTI testing
- **Micro-Electro Mechanical System (MEMS) sensor technology** provides accurate and faster detection of Methane gas than traditional type sensors
- **Remote self-diagnostics** provide peace of mind to consumer by ensuring all systems are functional, and that an alert will be provided immediately if an error occurs
- **7-year battery and product service life**
- **Battery-Powered device** enables installation close to ceiling (where natural gas is more accurately detected, as natural gas is lighter than air and rises towards the ceiling) without the need for a cosmetically displeasing cord
- Operates in temperatures ranging from **32°F to 122°F** and a **humidity range of 5% to 95% RH**, non-condensing
- **UL 1484** Standard compliant

Integrated wireless communication module enables robust, reliable wireless infrastructure

- **Incorporated Semtech LoRa radio and Silicon Labs SOC (system on a chip)**
- **Proven wireless technology** ensures reliable and secure communications without geographical limitations
- **Multi-layer encryption** protects user data and location from being identified

Amazon Sidewalk Benefits

- **Device setup** is simplified
- **Sidewalk is very low power:** WiFi drains batteries more quickly
- **Sidewalk has a wider reach than WiFi;** offers coverage in hard-to-reach locations
- **Devices are always connected**
- **Sidewalk provides a platform** to protect families from deadly gas explosions

Contact us at
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Specifications

Model Number	807NAS
Conforming standards	Compliant with UL 1484, MEMS sensor listed with UL 2075
Detection principle	MEMS hot-wire semiconductor sensor
Target gas	Methane (Natural Gas)
Operating temperature range	32°F (0°C) to 122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	Gas alarm: 85 dB @ 10 ft
Battery lifetime	Approximately 7 years
Dimensions	W 3.35in x H 4.53in x D 1.10in
Installation	Wall mount with included hardware

* LEL, short for "Lower Explosive Limit", is defined as the lowest concentration (by percentage) of a gas or vapor in air that is capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).

DeNova Detect®

By New Cosmos USA, Inc.

www.denovadetect.com