

## **807NAS** DeNova Detect 7-Year Battery-Powered Natural Gas Alarm

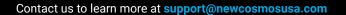
- 10% LEL natural gas alarm threshold alerts you to emergencies earlier with 11 minutes more escape time on average than a 25% LEL natural gas alarm threshold – validated by Fire & Risk Alliance
- Mobile app functionality provides real-time notification in the event of a natural gas leak. Wireless interconnection between all 807NAS natural gas alarms in the home ensures audible warnings can be heard, regardless of natural gas 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 natural gas than traditional type sensors
- Self-diagnostics provide peace of mind by ensuring all internal systems are functional, and alerts will be provided if an error occurs
- 7-year battery and product service life
- Battery-Powered alarm mounts close to ceiling where natural gas accumulates first and follows proper alarm placement to meet NFPA 715 guidelines. No cord or outlet needed
- 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
- Voice alert: "Danger gas leak explosion risk evacuate, then call 911"

## **Amazon Sidewalk benefits**

- Alarm and 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
- Alarms are always connected
- Sidewalk provides a platform to protect families from dangerous natural gas explosions





## Specifications

works amazon sidewalk

Model Number	807NAS
Conforming standards	FCC Compliant Alarm Compliant with UL STD 1484 Sensor Listed to UL STD 2075
Detection principle	MEMS hot-wire semi-conductor sensor
Target gas	Natural Gas (Methane)
Operating temp. range	32°F (0°C) to122°F (50°C)
Operating humidity range	5% to 95%, no condensation
Power supply	3V Lithium battery
Alarm level	10% LEL*
Speaker output	Natural 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).



www.denovadetect.com