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STARTER KIT OFFER
SMARTER GAS LEAK SAFETY 

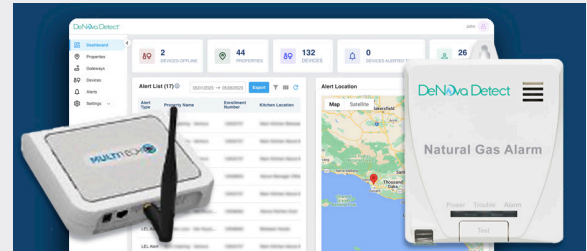
Residential and Commercial Gas Alarm Starter Kit

Smarter Gas Leak Safety

The public and natural gas companies across the United States are realizing the importance of using technology for the detection of natural gas leaks in our communities.

Now, with the development of advanced battery powered technologies capable of sensing natural gas leaks without false positives, Senet and our partners are offering connected residential and commercial natural gas detection solutions.

These automated systems provide building owners and utilities with improved safety and reduce the risk of hazardous incidents by detecting gas leaks before they become an issue.



Get started today with a 6 month gas alarm starter kit for only \$2,499!

Starter kit includes:

- One (1) indoor LoRaWAN gateway with 6 months of cellular backhaul*
- Five (5) DeNova Detect 806NLR natural gas alarms with 6 months of Senet LoRaWAN connectivity*
- Access to Oxit cloud-based application and dashboard for gas alarm data visualization
- 6 months of support

*Gateway and DeNova Detect 806NLR natural gas alarms are pre-provisioned to operate on Senet's LoRaWAN network. DeNova Detect 806NLR natural gas alarm battery lifetime is approximately 6 years.

To order, scan the QR code



Providing reliable connectivity to sensor devices is critical to ensuring gas is being safely used

LoRaWAN is the leading global standard for low power wide area network (LPWAN) use cases that benefit from low-cost, battery powered sensor-enabled devices. The technological advances made possible by LoRaWAN allow wireless methane sensors to be installed throughout a building, supporting the cost-effective transformation of existing facilities to smarter and safer buildings and environments.

Protection from unauthorized access and cyber threats

The LoRaWAN protocol was built with security as a fundamental part of the architecture and meets the requirements for secure end-to-end delivery of utility, municipal, and enterprise data:

- AES-128 CCM
- Privacy, authenticity and message integrity are assured end-to-end
- Senet partners offer additional layers of security, including MTE (MicroToken Exchange) and MKE (Managed Key Encryption)

LoRaWAN Features and Benefits	
Open LoRaWAN Protocol	Ensures interoperability across ecosystem participants
Long range connectivity (up to 15 miles rural and 5 miles urban)	Long range coverage results in lower overall infrastructure cost
High capacity	Supports millions of messages per day from a single gateway
Best-in-class signal propagation	Effective data communication in previously infeasible indoor and underground locations
Long device battery life: 10 or more years from AA battery	Contributes to lowest TCO in the LPWAN market
Best-in-class interference and noise immunity	No risk of network "saturation"
Bidirectional communication allowing for device configuration and control	Supports device data uplink and actuators (command data)

DeNova Detect 806NLR Natural Gas Alarm Specifications	
Model Number	806NLR
Conforming standards	Compliant with UL1484, MEMS sensor listed with UL2075
Detection principle	MEMS hot wire semiconductor
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 6 years
Dimensions	W 85mm x H 100mm x D 22mm
Installation	Pipe mount by cable ties or wall mount with 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).

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About Senet

Senet develops cloud-based software and services used by Solution Providers, System Integrators, and Network Operators for the on-demand deployment of Internet of Things (IoT) networks. We enable the full value of connectivity by delivering services that are easy to use and scale, making our customers successful in their digital transformation initiatives. Senet's business focus targets high growth markets, including utilities, industrial infrastructure, smart buildings and asset tracking. Innovation and flexibility are at our core, and we are committed to deploying and supporting large-scale, public and private carrier-grade LoRaWAN networks where they are needed, when they are needed, and at the lowest cost possible.

Senet, Inc. | 100 Market Street, Suite 302 | Portsmouth, NH 03801
 Phone: +1 877-807-5755 | www.senetco.com

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 Connecting the IoT Revolution

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