

DeNova Detect[®]

10-Year Battery Powered Natural Gas Alarm (Itron)

810NIT (Compatible with Itron Gen 5 Network)

- 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
- 1% LEL interval alarm payload data to get more real time information on a gas leak
- 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*
 - * No calibration needed*
- 10-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
- Voice alerts in English and Spanish
- UL 1484 Standard compliant

Integrated wireless communication module enables robust, reliable and secure remote monitoring

- Communication architecture compatible with Itron network
- Sub-GHz module provides superior range performance
- Proven wireless technology ensures reliable communications
- Multi-layer encryption and security

DeNova Detect Natural Gas Alarms seamlessly integrate with the wireless LoRaWAN network and Itron Advanced Metering Infrastructure (AMI). We also offer non-wireless alarms.

Heath Consultants Incorporated operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.



Specifications

Model Number	810NIT
Conforming Standards	FCC certified and 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 to 122°F (0 to 50°C)
Operating Humidity Range	5% to 95% RH, non-condensing
Power Supply	3V Lithium battery
Alarm Level	10% LEL
Speaker Output	Gas alarm: 85 dB @ 10 ft
Battery Lifetime	Approximately 10 years
Dimensions W x H x D	3.4in x 4.5in x 1.1in (85mm x 115mm x 28mm)
Installation	Pipe mount by cable ties or wall mount with included hardware



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