

# Gas Detector



The CROW Gas Detector is an ultra-low power wireless device that reliably detects combustible gas leaks and provides audible and visual alerts to enhance safety in kitchens, basements and other indoor spaces.

## **Crow - Where Experience meets Innovation since 1977**

Leveraging decades of expertise and advanced technology, Crow is redefining security for today and tomorrow.

Since 1977, the Crow Group has delivered intelligent, high-performance solutions for residential and commercial environments offering a comprehensive portfolio of cutting-edge control panels and versatile wired and wireless peripherals that make homes and businesses safer and smarter.

Our solutions serve customers worldwide through a robust global network of distributors, professional installers and central monitoring stations.

Building on its long-standing leadership in security, Crow now combines deep expertise in artificial intelligence, video analytics and cloud technologies to offer next-generation solutions for Security, Monitoring, and Telecare.


## **Crow's Gas Detector**

This smart combustible gas detector features an ultra-low power wireless module and is specifically engineered to identify gas leaks helping to prevent hazards associated with gas leakage.

Equipped with a highly stable semiconductor gas sensor, it delivers excellent reliability, minimal sensitivity drift and easy installation. When gas concentration exceeds the preset safety threshold, the device activates both audible and visual alarm signals to ensure immediate awareness.

It is ideally suited for kitchens, basements and other indoor areas where gas leaks may occur.

# Gas Detector

C R O W 



The device also supports convenient wall mounting, ensuring optimal installation and continuous protection in gas-prone areas.

# Gas Detector



## Where Design Meets Reliable Protection



Available in sleek black or classic white, the CROW Gas Detector integrates seamlessly into residential and commercial environments, combining modern aesthetics with dependable safety performance.

# Gas Detector



## Two-Way Wireless Communication

Powered by Freewave2™ ISM GFSK technology with five frequencies and LBT for stable, secure connectivity.

## High-Sensitivity Gas Detection

Accurately detects natural gas leaks with a 10% LEL  $\pm$ 3% LEL alarm threshold for early hazard prevention.

## Powerful Audible Alarm

Built-in 85dB alarm (at 1m) delivers clear and immediate alerts when gas levels exceed safe limits.



## Wide Operating Range

Reliable performance in temperatures from -10°C to +40°C and humidity levels up to 95% RH.

## Long-Range Wireless Coverage

Supports wireless networking distances of up to 100 meters in open areas.

## Easy Installation & Flexible Power

Operates on a DC 12–15V adaptor and offers both wall-mount and surface placement options for optimal positioning.

## Certified Performance

CE, EN 50194-1

# Gas Detector

## Communication Protocol

Freewave2™ two-way  
ISM GFSK with 5 frequencies & LBT

## Working Voltage

DC12~15V adaptor

## Identification

Unique 32-bit serial number

## Rated Power

3W

## Alarm Threshold

85dB/1m

## Frequency Band

ISM GFSK / OQPSK DSSS  
868 - 869 / 902 - 928  
Frequency And Output Power  
Accurding To Local Regulations

## Operating Temperature

-10°C to +40°C  
(32 °F - 104 °F)

## Wireless Networking Distance

≤100m(open area)

## Working Humidity

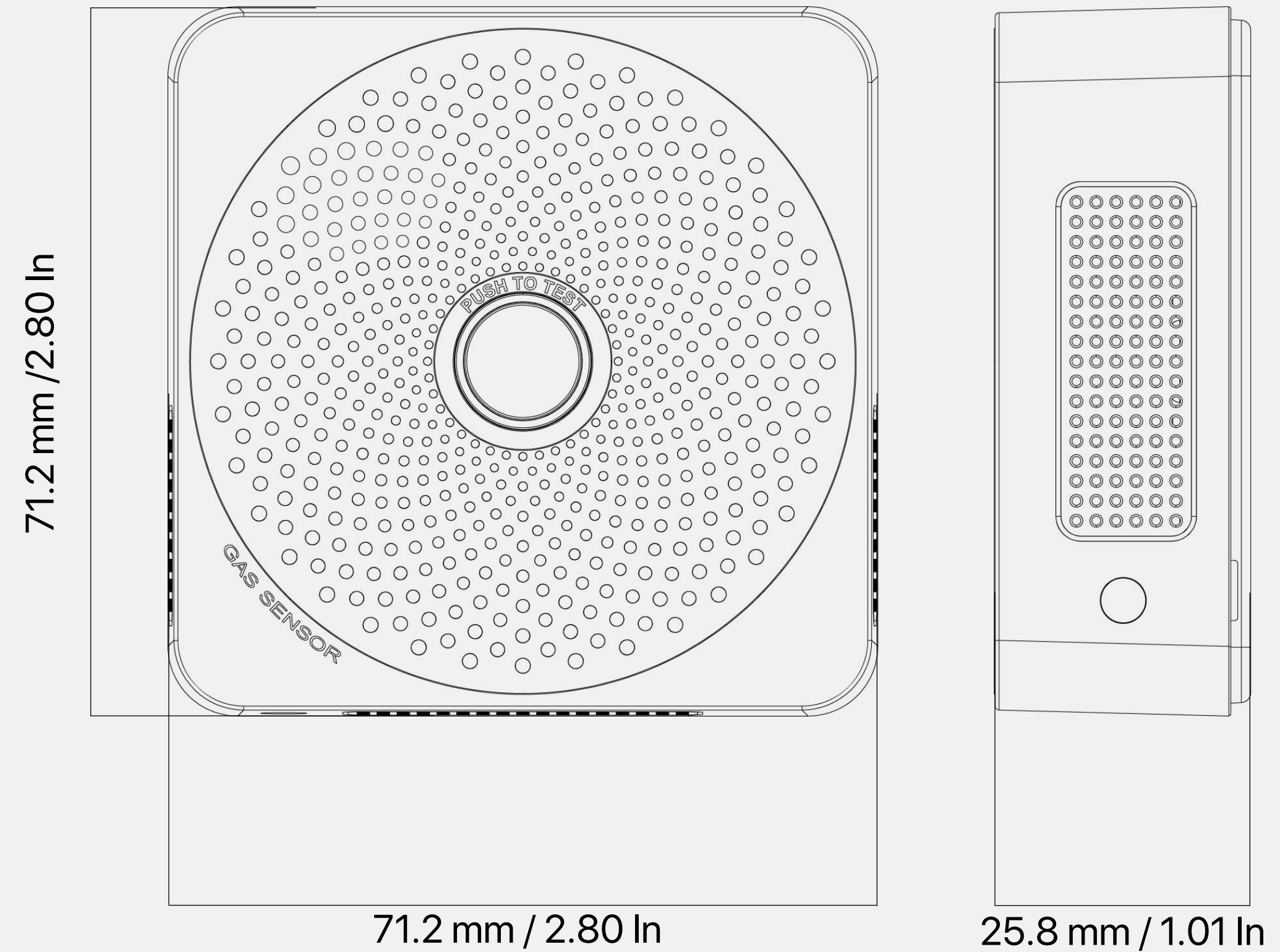
≤95%RH

## Alarm Density

10%LEL+3%LEL(natural gas)

## Compliance

CE, EN 50194-1



## Integrations and Partnerships

Crow empowers organizations to develop fully integrated security solutions by leveraging advanced systems that enhance IT infrastructure and maximize the potential of Crow products.

With a robust **API interface**, businesses can efficiently manage thousands of Crow security systems, seamlessly embed functionality into their own applications, and integrate smoothly with CRM, billing, and other third-party platforms.

Real-time updates from the **Crow Cloud** keep software and clients informed and responsive, providing unparalleled control and flexibility across the entire security ecosystem.

**Discover how partnering with Crow can revolutionize the deployment of security and automation solutions.**

**Contact us to learn more**

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