

# SMART GAS DETECTOR

Step into a new era of home security with the Next Controls Smart Gas Detector – a cutting-edge device designed to prioritize the safety of your living spaces. This innovative wireless gas detector is equipped with Zigbee technology, ensuring seamless integration into your smart home network. Its high-stability semiconductor gas sensor, renowned for reliability and minimal sensitivity drift, provides accurate detection of flammable gases, making it a crucial addition to safeguard your home against potential hazards. With an alarm sound pressure of 70dB and a wide detection range for natural gas (CH<sub>4</sub>), this detector is your vigilant guardian, offering peace of mind in the face of unforeseen gas leaks. Whether mounted on the wall or ceiling, the gas detector seamlessly blends into your home while delivering unparalleled performance.

## Specifications



**Wi-Fi  
Connection**



**Treble  
Alarm**



**Phone  
Control**



**Gas  
Detector**

Enhance your home security with the Next Controls Smart Gas Detector. This user-friendly device ensures easy installation, operates across a broad temperature range (-10°C to 55°C), and boasts robust construction for uncompromised safety. Seamlessly integrating into modern living, it provides prompt gas threat detection, timely alerts, and the convenience of wireless connectivity, making your home smarter and safer.





# PRODUCT SPECIFICATIONS

Wireless Type	Zigbee
Alarm Sound Pressure	70dB (1m in front of gas detection)
Working Temperature	-10°C ~ 55°C
Working Voltage	DC 12V, external adapter
Detecting Gas	CH4 (Natural gas)
Installation Method	Wall or Ceiling-mounting
Alarm LEL	±8% LEL CH4 (Natural gas)
Material	ABS+ PC
Density Tolerance	±3% LEL
Dimensions	ø85*30mm

The specifications table above shows the prowess of the Next Controls Smart Gas Detector. With wireless Zigbee technology, it operates efficiently, alerting you with a sound pressure of 70dB in case of a flammable gas leak. Its precision is evident in detecting CH4 (Natural Gas) and alarming at ±8% LEL with a density tolerance of ±3%. Compact in design, this gas detector can be wall or ceiling-mounted, blending seamlessly into your living space. With a working temperature range of -10°C to 55°C and a working voltage of DC 12V, this detector prioritizes your safety, ensuring you stay informed and protected.



# USER MANUAL

## INTRODUCTION:

Welcome to the Next Controls Smart Gas Detector, an innovative wireless Zigbee-enabled device designed to enhance the safety of your home by detecting flammable gas leaks. This user manual provides essential information on the installation, operation, and maintenance of the gas detector.

## FEATURES:

- **Wireless Connectivity:** Utilizing Zigbee technology, the gas detector offers seamless wireless communication, ensuring efficient monitoring without the need for complex wiring.
- **High Sensitivity Sensor:** The detector is equipped with a high-stability semiconductor gas sensor, providing reliable and accurate detection of flammable gas concentrations.
- **Alarm Sound Alert:** With a loud alarm sound pressure of 70dB (1m in front of gas detection), the device ensures that you are promptly alerted to any potential gas leakage.
- **Wide Detection Range:** Specifically designed to detect CH<sub>4</sub> (Natural gas), the gas detector has a sensitivity to detect even low concentrations, enhancing its effectiveness in preventing gas-related hazards.
- **Easy Installation:** The gas detector supports wall or ceiling mounting, offering flexible installation options to suit the layout of your space.
- **Temperature Resilience:** Operating efficiently in temperatures ranging from -10°C to 55°C, the gas detector remains reliable in diverse environmental conditions.
- **User-Friendly Dimensions:** The compact design with dimensions of ø85\*30mm ensures that the gas detector can be discreetly placed in various locations.
- **Sturdy Construction:** Made from ABS+ PC materials, the gas detector is durable and can withstand the demands of continuous use.



## **INSTALLATION:**

- Choose a suitable location for installation, preferably in areas prone to gas leakage, such as the kitchen.
- Mount the gas detector on the wall or ceiling using the provided installation accessories.
- Ensure that the gas detector is positioned correctly for optimal detection performance.

## **OPERATION:**

- Connect the gas detector to a DC 12V power source using the external adapter.
- Power on the gas detector and wait for it to initialize.
- In case of a flammable gas leak, the gas detector will emit a loud alarm sound (70dB) to alert you.
- Maintenance:
- Periodically check the gas detector for any physical damage or signs of wear.
- Test the alarm function regularly to ensure it is functioning correctly.
- Replace the gas detector if it shows signs of malfunction or after an extended period of use.

## **SAFETY TIPS:**

- Do not obstruct the gas detector's sensors for accurate readings.
- Keep the gas detector away from water sources to prevent damage.
- In the event of an alarm, evacuate the premises and contact emergency services.

## **BENEFITS:**

- Early detection of flammable gas leaks for enhanced safety.
- Wireless connectivity allows for easy integration into smart home systems.
- Compact and unobtrusive design complements any living space.
- Reliable performance in various temperature conditions.

## **CONCLUSION:**

Congratulations on choosing the Next Controls Smart Gas Detector. This user manual aims to guide you in the proper installation, operation, and maintenance of the device to ensure your home remains safe and secure. If you have any further questions or concerns, please contact our customer support for assistance.

