

DHI-HY-GA20A-R8

Wireless Interconnected Natural Gas Alarm



- Built in high-sensitivity sensor to detect early gas leaks
- The sensor has a lifespan of up to 5 years
- Built-in high-volume buzzer with alarm volume 70 dB (A) at 1 m (3.28 ft)
- The buzzer beeping and LED indicator flashing when the sensor reaches the End of Life
- Excellent production, delicate and compact, simple and convenient installation
- Wireless interconnected with maximum of 24 devices

System Overview

The Wireless Interconnected Natural Gas Alarm (hereinafter referred to as the Device) responds quickly with high sensitivity, stable performance and low false alarms when there is too much methane in the air. Once the ambient methane concentration reaches the alarm value, the device sounds a loud 70 dB alarm and the LED flashes rapidly, alerting users to take immediate action. Moreover, the alarm signal will be pushed to every alarms in the interconnected network and they will raise the alarm in unison.

Functions

High-sensitivity Sensor

Built in high-sensitivity sensor to detect early gas leaks.

Long Life

The sensor has a lifespan of up to 5 years.

High Sound Level

Built-in high-volume buzzer with alarm volume 70 dB (A) at 1 m (3.28 ft).

EOL

The buzzer beeping and LED indicator flashing when the sensor reaches the End of Life.

Simple Installation

Excellent production, delicate and compact, simple and convenient installation.

Interconnection

Wireless interconnected with maximum of 24 devices.

Scene

Application scenarios include homes, restaurants, hotels and other places that require methane detection.

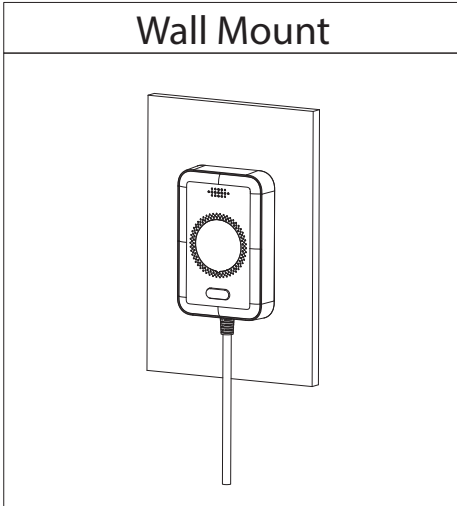
Technical Specification

Collection Type	Methane (CH ₄)
Sampling Period	200 ms
Working Principle	Semiconductor
Alarm Type	Gas alarm, fault warning, End of Life warning
Alarm Volume	70 dB (A) at 1 m (3.28 ft)
Alarm Mode	Visual and audible alarm
Output	1 valve output, 1 relay output
Silencing Function	Support
Indicator Light	Alarm, Fault, Power, and EoL
LED Instructions	Alarm: Red indicator Fault: Yellow indicator Power: Green indicator Eol: Yellow indicator
Operating Voltage	DC12V
Operating Environment	Indoor
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	≤95% RH (non condensing)
Communication	868 MHz (-R8)/925 MHz (-R9)
Color	White
Casing	PC+ABS
Weight	123 g (0.28 lb)

Dimensions	118.0 mm × 78.0 mm × 33.7mm (4.65" × 3.07" × 1.33")
Installation	Wall mount
Certifications	CE, UKCA, PSTI

Installation

Ordering Information		
Type	Model	Description
Gas Alarm	DHI-HY-GA20A-R8	Wireless Interconnected Natural Gas Alarm
Gas Alarm	DHI-HY-GA20A-R9	Wireless Interconnected Natural Gas Alarm



Dimensions (mm/inch)

