

DHI-HY-GA20A-R9

Wireless Interconnected Natural Gas Alarm



- Built in high-sensitivity sensor to detect early gas leaks
- The sensor has a lifespan of up to 3 years
- Built-in high-volume buzzer with alarm volume 85 dB (A) at 3 m (9.84 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 Methane Gas Alarm (hereinafter referred to as the Device) responds quickly with high sensitivity, stable performance and low false alarms when there is too much Carbon Monoxide in the air. This Device is able to measure Methane levels as low as 2500 ppm using the high quality sensor. Once the ambient Methane concentration reaches the alarm value, the device sounds a loud 85 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 3 years.

High Sound Level

Built-in high-volume buzzer with alarm volume 85 dB (A) at 3 m (9.84 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.

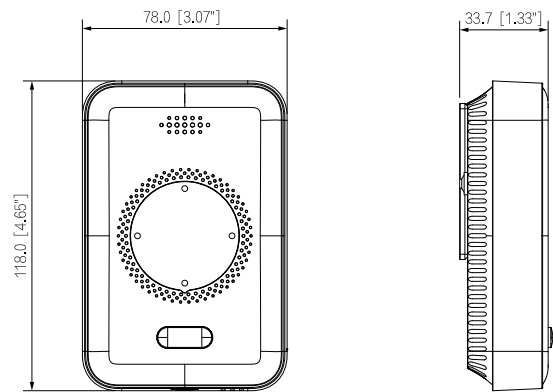
Technical Specification

Collection Type	Methane (CH ₄)
Sampling Period	200 ms
Working Principle	Semi-conductor
Alarm Type	Gas alarm, fault warning, End of Life warning
Alarm Volume	Over 85 dB (A) at 3 m (9.84 ft)
Alarm Mode	Visual and audible alarm
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	DC 12V
Operating Environment	Indoor
Operating Temperature	-10°C to +55°C (14°F to 131°F)
Operating Humidity	≤ 95% RH (non condensing)
Communication	925 MHz
Color	White
Casing	PIPC + ABS
Dimensions	118.0 mm × 78.0 mm × 33.7mm (4.65" × 3.07" × 1.33")
Weight	123 g (0.28 lb)
Installation	Wall Mount
Certifications	TÜV and CE listed
Compliance Standard	EN 50291-1:2018

Ordering Information

Type	Part Number	Description
Gas Alarm	DHI-HY-GA20A-R9	Wireless Interconnected Natural Gas Alarm

Dimensions (mm/inch)



Installation

