

# DHI-HY-GA40A

## Gas Alarm



- High-performance sensor, intelligent and accurate detection of gas leakage, and send out alarm signal timely
- Operate stably and identify gas type effectively
- Intelligent linkage to close pipeline valve and start exhausting fan
- A built-in high-volume buzzer, 70dB (A) at 1m (3.28 feet)
- Three indicator lights for displaying device status clearly

### System Overview

DHI-HY-GA40A Gas Alarm is designed to continuously monitor methane concentration. Adopting a catalytic-type gas sensor, advanced electrical technology, MCU, a built-in high-volume buzzer, it responds quickly and becomes highly sensitive with stable performance and low false alarm. Once the surrounding methane concentration reaches the alarm threshold, it will promptly send out visual and audible alarm signal to remind the user to take immediate measures. The exhausting fan can be linked to the relay output port to send out combustible gas. The Device can also close the pipeline valve to cut off the gas source.

### Functions

#### Precise detection

A catalytic-type gas sensor is used for precise detection, stable performance and long-term operation. Alarm Threshold is 10% LEL.

#### Intelligent linkage

After alarm, it can automatically close the valve or turn on the exhausting fan, and address the leakage in time.

#### Multidimensional detection

It can detect the gas concentration and environment temperature.

### Scene

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

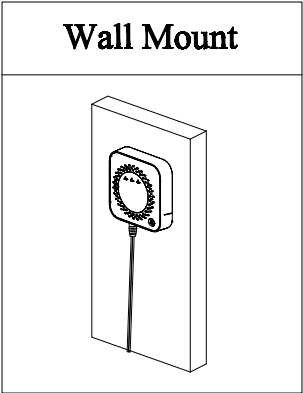
### Technical Specification

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Model                 | DHI-HY-GA40A                                        |
| Gas Type              | Methane (CH <sub>4</sub> )                          |
| Alarm Threshold       | 10% LEL                                             |
| Response Time         | ≤30 s                                               |
| Supply Voltage        | DC12V                                               |
| Power Consumption     | ≤0.8W                                               |
| Output                | 1 valve output, 1 relay output                      |
| Operating Temperature | -10°C to +55°C (+14°F to +131°F)                    |
| Relative Humidity     | ≤95% RH (non condensing)                            |
| Warm-up Period        | 180 s                                               |
| Alarm Method          | Visual and audible alarm                            |
| Alarm Sound Output    | 70dB (A) at 1m (3.28 feet)                          |
| Silence               | Support                                             |
| Dimensions            | 86.6 mm × 86.6 mm × 29.2 mm (3.41" × 3.41" × 1.15") |
| Installation          | Wall mount                                          |
| Certification         | CE                                                  |

### Ordering Information

| Type      | Part Number  | Description         |
|-----------|--------------|---------------------|
| Gas Alarm | DHI-HY-GA40A | Gas Alarm (Methane) |

Installation



Dimensions (mm/inch)

