Smart Gas Sensor (ZigBee)

Product Introduction

The gas sensor features advanced low-current gas-sensitive components for stable performance and easy installation. It swiftly detects even trace amounts of combustible gas in the air, emitting a loud 72-decibel audible and visual alarm. The alarm is transmitted via ZigBee to the mobile app, allowing users to take timely action. This sensor is ideal for residential homes, hotels, apartments where the risk of combustible gas leaks exists.

Features

- Accurate monitoring of combustible gases
- Resistant to smoke and grease
- ZigBee signal relay capability
- Sleek, modern design
- Local audible and visual alarms with notifications push

Specification

- Model: AK-GA100
- Communication Protocol: ZigBee 3.0
- Detectable Gas: Natural Gas
- Alarm Concentration: 8% LEL (Lower Explosive Limit for natural gas)
- Alarm Concentration Accuracy: ±3% LEL
- Alarm Sound Pressure: ≥70 dB (at 1 meter directly in front)

- Input Voltage: 12V/DC (with external AC110V-220V adapter)
- Standby Current: <100mA (DC12V)
- Alarm Current: <150mA (DC12V)
- Operating Temperature: -10℃ to +55℃
- Operating Humidity: ≤95% RH (non-condensing)
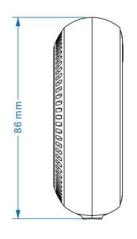- Product Dimensions: Φ85×30mm

Networking method

1. Connect the power adapter to the device to power it on. The device enters a warm-up state, with the yellow light flashing for 1 to 3 minutes.
2. Press and hold the reset button for about 5 seconds until the indicator light flashes rapidly, indicating it has entered network pairing mode.
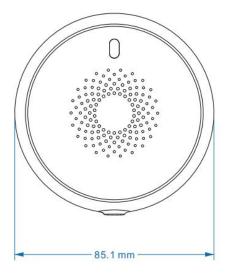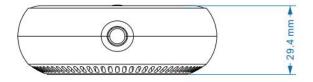3. Add the device to the network via the gateway.

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Product Dimension Diagram (mm)

86 mm

85.1 mm

29.4 mm