

Smart Gas Detector

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R2

FEATURES

- Real-time communication with mobile application, availability for third-party devices to accomplish smart interaction.
- Prediction of potential leakage by smart analysis of history record.
- Valve output function
- Three alarm actions, that is local audible and visible alarm, network notification alarm and text message alarm, to send the leakage information instantly, rapidly and freely.

APPLICATION

Gas alarm R2, is a smart detecting device for natural gas and LPG. It will inform the user of the danger remotely by network (SMS message or mobile App), so as to guarantee the safety of users' house.

BRIEF INTRODUCTION

Gas manager Air Radio R2, is a smart detecting device for natural gas and LPG. Once the gas leakage reaches or exceeds the preset alarm threshold value, it will give audible and visual alarming signal, and will inform the user of the danger remotely by network (SMS message or mobile App), so as to guarantee the safety of users' house.

- Cloud Interconnection

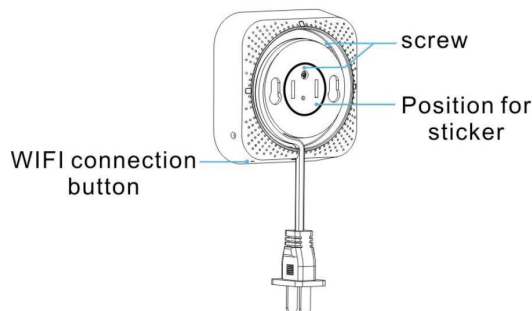
Real-time communication with mobile application, availability for third-party devices to accomplish smart interaction.

- Smart Prediction

Prediction of potential leakage by smart analysis of history record.

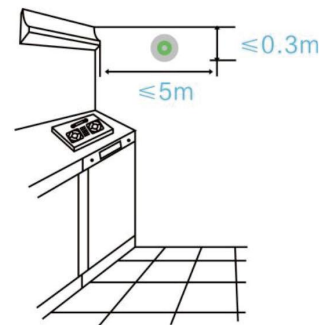
- Ternary Alarm

Three alarm actions, that is local audible and visible alarm, network notification alarm and text message alarm, to send the leakage information instantly, rapidly and freely.



Installation Instruction

- The device should be at the same room with the gas stove, with the best range of distance to the potential leakage source from 1meter to 3 meters.
- The device should be fixed on the wall with 30 centimeters to the ceiling.



SPECIFICATIONS

Target Gas	Methane (Natural gas), LPG	Sensor Type	Semi-conductor
Working Condition	Temperature: 0°C ~ 40°C Humidity: <95%RH without condensation	Lifetime	5 years
		Working Voltage	AC 220 V
Sampling Method	Natural Diffusion	Alarm Method	Audible, Visible, network-based notification
Detection Range	0 ~ 100%LEL		
Preset Threshold Value	7%LEL	Audible alarm	≥70dB
Warm-up Time	180 s ± 10s	Optional function	gas shut off valve

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