

# Wired Gas Leak Sensor



## Features

- Newly-developed sensory sensor unit inside;
- Independently or as a front-end detector of an alarm system;
- Wired transmitting digital signal to control panel;
- Intelligent logic control, eliminate false alarm;
- Microcontroller temperature analysis and Automatic temperature compensation for best summertime detection;
- Tightly-mated bug guard to protect the sensor optics from insects, spiders and dust, Worm, it is dustproof, mothproof and anti-white light;
- Strong adaptability to circumstance requirements;
- SMT adopted, RF and EMI Immunity;
- Manual test, auto-reset, and low power consumption;
- Thin structure design



The Wired Gas Leakage Detector is an INPUT DEVICE designed for natural gas, LPG detection. It can use independently or as a front-end detector of an alarm system. Upon detection of natural gas and LPG, the GL-02 automatically generates an alarm signal to control panel and sound & flash alarm. The unit is RF and EMI Immunity to interferences produced by radio device.

## Specification

Model	GL-02
Operating Voltage	DC12V-24V
Standby Current	110mA@12V ; 60mA@24V
Alarm Current	160mA@12V ; 90mA@24V
RF Immunity	> 20 V/m 10 – 1000 MHz
Alarm Sensitivity	10%+/-5 LEL
White Light Immunity	> 8000 lux
Noise(Vp-p)	<200mV, (mVp-p)(25°C)
Alarm Output	NC or NO, sound & flash alarm
Temperature Range	-10°C to +50°C
Relative Humidity	Less than 95% (25°C)
Installation Mode	Wall Mounted
Housing	High-impact ABS
Dimensions	115mm x 72mm x41mm (HxWxD)
Applications	For indoor use

