

NGD500 :

Overview :

NGD500 is a standalone detector designed to identify dual gases such as combustible gas (natural gas, LPG), CO gas, and indoor temperature. It incorporates an LED display and voice alert system. The device is outfitted with a high-precision gas sensor, ensuring excellent repeatability for accurate gas detection.



Dimensions :



Feature :

- ▮ High performance digital processor make high reliability.
- ▮ LED displays the carbon monoxide and combustible gas concentration.
- ▮ Sensitive sensors giving prompt response.
- ▮ Swift warming up, quick response.
- ▮ Self test on the sensors and lifespan reminder to get users feel easy.
- ▮ SMT technology on the circuit board ensures products' reliability.
- ▮ 5 years lifespan for gas sensor.

Application :

1. Household safety
2. Hotel security
3. Apartment protection
4. Villa gas detection
5. Supermarket safety

## Specification :

Detected gas	Methane gas or LPG, carbon monoxide
Power supply	AC110~AC230V
Sensor type	Semi-conductive sensor
Detection method	Diffusion
Measuring range	(0~10) %LEL/ for methane, (0~0~300×10 <sup>-6</sup> )umol/mol for carbon monoxide
Setting alarm	7%LEL for methane gas/LPG gas, 100×10 <sup>-6</sup> umol/mol for CO.
Alarm method	Audible and visual alarm and Voice alarm
Audible alarm level	≥80dB
Output control	Shut-off valve output
Response time	T90≤30s
Temperature	0c~+55c
Humidity	≤95%RH (no condensation)
Atmospheric pressure	86kPa~106kPa
Working place	Ordinary industrial and civil building (indoor)