

## Wireless RS485 Output Fixed Gas Leak Detector DC 24V Explosion Proof

Our Product Introduction

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### Basic Information

- Place of Origin: Nanjing, China
- Brand Name: Kelisaike
- Certification: CE
- Model Number: K500
- Minimum Order Quantity: 1PC
- Price: USD 260-580/PC
- Packaging Details: Carton, 35\*20\*15cm
- Delivery Time: 15-20 working days
- Stock: 1PC
- Payment Terms: T/T, Western Union, MoneyGram, Paypal



### Product Specification

- Specifications: 1.8kg
- Voltage: DC 24V
- Alarm Type: Vibration Alarm With Light, Sound
- Signal Output: 4 To 20mA
- Explosion-Proof Grade: Exd ict6
- Gas: O<sub>2</sub>, CO, CO<sub>2</sub>, LEL, H<sub>2</sub>S, Etc
- Operating Temperature: -20 ~ +50
- Detection Range: 0-2000ppm
- Low Alarm: 50ppm
- High Alarm: 100ppm
- Highlight: **Wireless Fixed Gas Leak Detector ,  
RS485 Fixed Gas Leak Detector ,  
Explosion Proof Fixed Multi Gas Detector**



### More Images



## Product Description

### Fixed Explosion Proof Wireless RS485 Output Industry Toxic Gas Detector



The **K500 series wall-mounted gas detector**, made with imported high sensitivity sensors and an explosion proof design, has a long service life. This wall mounted gas detector works as part of an integrated system (with 4-20 mA analog output) or only as an independent system. It has two alarm levels (high level & low level), with different audible and visual alarm signals.

#### Key Features

- Imported world famous high sensitivity sensors
- On-spot bright red flashing visual alarm and loud 90 dB audible alarm
- Waterproof and dustproof design for normal and continuous working in harsh environments
- Compatible with DCS (Distributed Control System)
- Flameproof design according to IEC61508, easy to install and maintain
- Adjustable alarm values, with low and high alarm levels
- 220 V AC or 24 V DC power supply, 4-20 mA analog output, three core shield cable, DCS system
- CERTIFICATIONS: CMC, Ex, MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA).

#### Technical Specifications:

Power supply	24 V DC or AC 220 V/50 Hz
Output signal	4-20 mA standard industrial signal output
Operating temperature	-20°C ~ +50°C
Display	Backlight LED
Backlight LED display	4-digit gas reading
Relative humidity	15%-90% RH (non-condensing)
Atmospheric pressure	86 ~ 106 kPa
Explosion-proof grade	Ex ibd IIC T6
Size	16 cm x 12.6 cm x 7.8 cm
Weight	3000 g
Distance	1000 m
Connecting cable	3 core cable, 3 x1.0 mm

#### LIST OF COMMONLY DETECTED GASES

No.	Detection gas	Range	Accuracy	90% response time	Min readout	Low/high alarm
1	PH <sub>3</sub>	0-5-2000ppm	±5%(F.S)	≤25s	0.01ppm	0.3/5ppm
2	O <sub>2</sub>	0-30%	±5%(F.S)	≤15s	0.1%vol	18.0%/23.0%
3	LPG(LEL gas)	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL

4	CO	0-1000 ppm	±5%(F.S)	≤25s	1 ppm	50ppm/100ppm
5	H <sub>2</sub> S	0-100 ppm	±5%(F.S)	≤30s	1 ppm	10ppm/20ppm
6	CH <sub>4</sub>	0-100%LEL	±5%(F.S)	≤5s	1%LEL	25.0%/50.0%LEL
7	NH <sub>3</sub>	0-100ppm	±5%(F.S)	≤50s	1 ppm	25 ppm /50 ppm
8	O <sub>3</sub>	0-20ppm	±5%(F.S)	≤60s	0.01ppm	0.2ppm/0.4ppm
9	Cl <sub>2</sub>	0-20 ppm	±5%(F.S)	≤30s	0.1 ppm	1 ppm /10 ppm
10	H <sub>2</sub>	0-1000 ppm	±5%(F.S)	≤60s	1 ppm	50 ppm /100 ppm
11	SO <sub>2</sub>	0-100 ppm	±5%(F.S)	≤30s	0.1 ppm	2 ppm /10 ppm
12	NO	0-250 ppm	±5%(F.S)	≤60s	1 ppm	25ppm/50 ppm
13	NO <sub>2</sub>	0-20 ppm	±5%(F.S)	≤25s	0.1 ppm	3ppm/10ppm
14	Infrared CO <sub>2</sub>	0-5%vol	±5%(F.S)	≤60s	0.1%vol	1%vol/2%vol
15	Infrared CH <sub>4</sub>	0-5%vol	±5%(F.S)	≤60s	0.1%vol	0.1%vol/0.15%vol
16	Infrared C <sub>3</sub> H <sub>8</sub>	0-5%vol	±5%(F.S)	≤60s	0.1%vol	0.1%vol/0.15%vol

## >> About Us



### COMPANY APPEARANCE

### THE OFFICE MEETING



### WORKSHOP INSTRUMENT



- Nanjing Kelisaike Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaike has three subsidiaries in Beijing, Xi'an and Xinjiang province, and over 30 domestic sales service centers.
- Standard products include the K60 series portable single gas detectors, K60-IV series multi gas detectors, K800 series fixed gas transmitters, K500 series wall-mounted gas detectors, K1000 series gas detector control panel units, KL99 series air breathing apparatuses, etc.
- Nanjing Kelisaike is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.

## » Our Exhibition



## » Our Certificates



We have obtained CE, ISO and other international certificates  
for different market requirements.

### >>>Our Service

1. For all our products, we offer a 1 year warranty and life-long maintenance.
2. All inquiries will be replied in 24 hours.
3. We will provide technical support; our engineers will help to solve the problems you met.
4. We can provide OEM and ODM service.
5. Our factory is located in Nanjing city, welcome to visit our factory.
6. All products will be fully checked and well packed before shipment, and qualification certificate will be provided.

### >>>Calibration

For the calibration of KELISAIKE products, please feel free to contact us for help.

### >>>Why choose KELISAIKE?

1. Mutual benefit : We have our own factory. So compared other comprtitors, the price will be more favorable in the same quality..
2. Professional engineers: We have 3 engineers who have experience more than 10 years and more than 5 engineer assistants works on the gas detection line, with Hi-Tech equipments. We offer more accurate and stable products.
3. Customize : We have strong R&D team that can custom product as your request.
4. Free OEM service : (a) Silk-printing your Logo(≥100PCS). (b) Design your color box(≥500PCS).
5. Mix order : We accept mix order, different model and small quantity order.
6. After service:(a) 1 Year warranty. (b) If you found any inferior-quality products from us, we will send new ones to replace for free in your next order after confirmed.

### >>>FAQ

#### **Q: Are you a manufacturer?**

A: Sure. We are the professional safety equipments manufacturer and have the experience of produce and market over 12 years in this field.

#### **Q: Are you provide customization?**

A: Of course. It includes gas type, gas detection range, gas alarm point etc. Please contact us about the detailed specifications.

#### **Q: Could I order one piece sample for the quality test?**

A: Sure. We recommend to check the sample before order.

**Q: If I order big quantity, what's the good price?**

A: Please send the details enquiry to us, such as the Item Number, Quantity for each item, Quality request, Logo, Payment Terms, Transport method, Discharge place etc. We will make the accurate quotation to you as soon as possible.



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