

## K800WS Fixed Dual Gas Detector Reliable Toxic Flammable Gas Detection

Our Product Introduction

### Basic Information

- Minimum Order Quantity: MOQ 1pc
- Price: USD 680
- Stock: 100pcs in stock
- Shipping Method: Express
- Description: K800WS Fixed Gas Detector – Gas detection sensors are easily and economically deployable in both permanent and temporary
- Payment Terms: T/T, Western Union



### Product Specification

- Product Name: Gas Detector Fixed RS485 4-20ma Detect All Gases
- Color: Blue
- Type: Fixed Gas Detector, Wall Mounted
- Measure Range: 0-100ppm, 0 - 25% VOL, 0-100%LEL
- Detecting Gas: Combustible Gas, NH<sub>3</sub>, H<sub>2</sub>
- Alarm Type: Sound+Light Alarm
- Response Time: <30S
- Warranty: 1 Year
- Display: LCD
- Usage: Industrial Production, industrial Combustible Gas Toxic Gas Leak Alarm
- Name: Fixed Industrial Lpg Gas Leak Detector For Gas Detection
- Sensor: Electrochemical Sensor, Catalytic Sensor, Catalytic Or Electrochemical Or Infrared



### More Images



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## Product Description

### K800WS Fixed Dual Gas Detector

K800WS Fixed Gas Detector – Gas detection sensors are easily and economically deployable in both permanent and temporary installations. These low-power sensor assemblies utilize electrochemical technology for a long list of toxic gases. These advanced field devices consist of a K800 Model Series low-power gas detection sensor and a wireless transceiver packaged in a single enclosure. Power is provided by internal battery pack options: Lithium-ion rechargeable battery pack allows for 18 months of operation.





#### **Application:**

Combustible and toxic gases can leak virtually anywhere. Flanges, pump seals, valves, and storage tanks are all potential spots where a dangerous gas or liquid can make its way into a safe area. Unfortunately, these places are often not located near the main part of the plant or other areas where detection instruments are installed.

Additionally, gas detection may be desired at the boundary of a facility where no infrastructure currently exists, making it prohibitively expensive to run conduits and cabling to these locations. Inconvenience and expense, however, do not mitigate the risk of a life-threatening or catastrophic leak.

**Solution:**

KELISAIKE's Wireless Communication System includes a 800 MHZ radio that communicates to a gateway, providing reliable real-time detection data at distances of up to 1 mile with a clear line of sight. Accepting both analog and ModBus inputs, the system's wireless communication is easily established to the gateway that is located near the PLC or DCS. Every device in the network communicates through the telecom cloud Internet. This unique and innovative technology is designed to create a robust network that automatically routes around congestion and line-of-sight obstacles while improving throughput as subscriber device density increases.

If power is not available, a solar panel, controller, battery and charger can be provided to ensure up to 18 months of operation even with little to no sunlight.

**Technical Specification:**

Type	Explosion proof/ flameproof enclosed transmitter(*d*)	
Gases	Flammable, toxic gases and oxygen, depended in the sensor used	
Measuring range	Customized adjustment, see sensor data sheet	
Sensor Cell:	UK sensors (brand CITY, Alphasense, Dynament etc.), US (brand Honeywell), Japan and Germany sensors	
Display	LED	
Working condition	Power	Rechargeable battery/220V AC
	Working temperature	-20 ~+50
	Working humidity	10%RH~95%RH Non-Condensing
	Pressure range	86Kpa~106Kpa
Input/Output	800MHZ 4G-NB China Telecom/ 433MHZ ISM BAND ROLA	
Power input	Internal battery pack rechargeable battery pack 20000MAH	
Solar Panel	2W	
Construction	Junction Box: Aluminium Alloy, (Stainless Steel Option) Detector: Stainless Steel	
Accessory Options	Specifications subject to change without notice Tripod for mounting (specify pole mount and /or leg mount brackets) Mini tripod for mounting (specify pole mount and /or leg mount brackets) Solar charging panel (for safe areas only)	



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