



Infrared CH4 Gas Detector Wall Mounted for Industrial Safety

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: KELISAIKE
- Model Number: K500
- Minimum Order Quantity: 1PC
- Price: \$200.00 - \$500.00/sets
- Packaging Details: Each set wireless vibrate gas leak detector Fixed gas detector alarm will be packed with the export standard carton package or aluminum box or as per customer require handheld Fixed gas detector.
- Stock: 1PC
- Supply Ability: 500 Set/Sets per Month



Product Specification

- Product Name: K500 Fixed Gas Detector
- Detection Of Gas: Combustible And Toxic Gases
- Output Signals: 4-20mA/RS485
- Nominal Voltage: DC 24V Fixed Gas Detector
- Alarm System: Vibration Alarm With Light,sound
- Explosion-proof Grade: Exibd II CT6
- Size: 260*230*140mm
- Service Life: 2-5 Years Fixed Gas Detector
- Weight: 3500g Fixed Gas Detector
- Display: LCD Display Fixed Gas Detector
- Port: Nanjing Port Or Shanghai Port
- Highlight: **High Sensitivity Imported Sensors Gas Detector**
Explosion Proof Grade Exibd II CT6 Wall Mounted Gas Detector
, LCD Display Fixed Gas Detector



More Images



Product Description

K500 Series Wall-Mount Gas Detector

The K500 digital portable gas detector is a high-performance wall-mounted device designed for industrial safety applications. Featuring imported high-sensitivity sensors and explosion-proof design, this detector monitors various gases including NH₃ Ammonia, SF₆, LPG, Methane CH₄, Hydrogen, O₂, CO₂, and refrigerants.

Product Overview

The K500 series wall-mount gas detector offers long service life with high sensitivity imported sensors and explosion-proof design. It operates as part of an integrated system (with 4-20mA output analog) or as a stand-alone unit. Features include two discrete alarm levels (high & low), audible and visual alarms for comprehensive safety monitoring.

K500 GAS DETECTOR



PH₃ , O₂ , EX(LEL/CH₄)

CO , H₂S , NO₂ , NO

SO₂ , CL₂ , NH₃ , H₂

HCN , HCL , CH₄(IR)

C₃H₈ , O₃

CO₂(IR) , PID(VOCs)

Key Features

- High sensitivity world famous imported sensors
- Bright, red flashing visible alarm and loud 90dB audible alarm
- Waterproof and dust-proof design for harsh environments
- Compatible with DCS (Distributed Control System)
- Flameproof body design according to IEC61508
- Programmable alarm operation values with low/high level indication
- 220V AC or 24V DC power supply with 4-20mA output analog
- Color screen 2+2 digits LCD display showing real-time gas concentration
- Comprehensive self-test: sensors, battery, circuit integrity, and alarm functions
- Complete accessory package included
- Certifications: CMC, Ex, MA (Safety Certificate for Coal Mining Products in China)

Technical Specifications

Item	Gas leak detector
Model NO.	K500 gas leak detector
Sensors	High sensitivity imported sensors
Sensor service life	2-5 years
Operating voltage	220V AC/24V DC

Display	4 digital LED display
Alarm buzzer	90db
Alarm mode	Acousto optic alarm
Ambient temperature	-20°C ~ +50°C / -50°C ~ +50°C
Relative humidity	15~90%RH (non condensation)
Material	Aluminum alloy and stainless steel
Detecting method	Diffusion
Dimension(mm)	160(L)*126(W)*78(H)mm
Explosion-proof grade	ExdII CT6
Weight	K500-D: 3.5kg, K500-N: 3.0kg
Package	Carton
Pcs/ctn	1pc/ctn
Ctn size	260x230x140mm
Payment terms	T/T
Warranty	1 year

Measurable Gas Types

Mark: other customized gas types are also available.				
Gas Types	Detection range	Response Time	Resolution	Alarm Values
CO	0-25%vol/30%vol	T90≤20s	0.1%vol	18.0%vol/23.0%vol
H ₂ S	0-100%LEL	T90≤30s	1%LEL	25.0%LEL/50.0%LEL
SO ₂	0-1000 ppm/2000ppm	T90≤30s	1 ppm	50ppm/100ppm
Cl ₂	0-200 ppm	T90≤30s	0.1 ppm	10ppm/20ppm
NH ₃	0-200ppm	T90≤30s	0.1 ppm	2 ppm /10 ppm
NO ₂	0-20 ppm	T90≤30s	0.1 ppm	1 ppm /10 ppm
NO	0-100ppm/2000ppm	T90≤50s	1 ppm	25 ppm /50 ppm
O ₃	0-200ppm	T90≤25s	0.1 ppm	3 ppm /10 ppm
PH ₃	0-1000 ppm	T90≤50s	1 ppm	25 ppm /50 ppm
H ₂	0-5ppm/20ppm	T90≤30s	0.1ppm	0.3ppm/5ppm
HF	0-10ppm	T90≤60s	0.1ppm	0.3ppm/5ppm
HCL	0-2000ppm/4%vol	T90≤50s	1 ppm	50ppm /100ppm
HCN	0-10ppm	T90≤50s	0.1ppm	3ppm /10ppm
CH ₄ (IR)	0-30ppm/200ppm	T90≤50s	0.1 ppm	5ppm /10ppm
VOCs	0-200ppm	T90≤200s	0.1ppm	10 ppm /20 ppm
CO ₂ (IR)	0-5.00%vol	T90≤60s	0.01%vol	1.00%vol/2.00%vol
C ₃ H ₈ (IR)	0-1999ppm	T90≤20s	0.1ppm	1000ppm/1500ppm
CO	0-5.00%vol (0-1%vol)	T90≤60s	0.01%vol (0.001%vol)	1.00%vol/2.00%vol (customize)
H ₂ S	0-5.00%vol	T90≤60s	0.01%Vol	1.00%vol/2.00%vol

Product Images



K60
keo



K60-V
keo-v



K500
K200



K800
K800



K1000
KJ000



KF200
KE300



KF300
KE300



KL99
KI 99

Manufacturer Information



COMPANY
APPEARANCE

THE OFFICE
MEETING



WORKSHOP
INSTRUMENT



- Nanjing Kelisaik Safety Equipment Co., Ltd. founded in 2004, Nanjing Kelisaik 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 Kelisaik is also a factory with rich experience in OEM service, providing professional design and manufacturing of customized products.



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

>> Our Exhibition



>> Product Application Show



- The company's products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas supply, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

Frequently Asked Questions

Q1: Are you a trading company or manufacturer?

A1: We are manufacturer.

Q2: What about the payment method?

A2: T/T, Paypal, Western Union, L/C is available

Q3: Does your company accept customization?

A3: We do customizing service for customers.

Q4: What about the Shipment?

A4: We'll choose proper transportation mode based on the weight of goods, usually arrange shipment by air express such as DHL, FEDEX, TNT or UPS.

Q5: What about after-sale service?

A5: 12 months warranty for all kinds of products.



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