

IP68 Waterproof Portable Single Gas Detector 2-Year Maintenance-Free Battery Lightweight Compact Safety Alarm

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KELISAIKE
- Certification: IECEX, ATEX, CE, FCC, RoHS, EMC, ISO 9001:2015
- Model Number: K60-IV
- Minimum Order Quantity: 1 Piece
- Price: USD 65-180 / Piece
- Packaging Details: SAFETECH branded color box with shock-proof foam insert, export-grade corrugated carton
- Delivery Time: 3-5 working days for stock, 10-20 days for production
- Payment Terms: T/T,L/C,PayPal,Western Union
- Supply Ability: 10000 Pieces per Month



Product Specification

- Detection Gas: User Selectable (CO, H₂S, O₂, CL₂, NH₃, NO₂, SO₂, H₂, And More)
- Sensor Type: Electrochemical Sensor (Imported)
- Display: High-Contrast LCD Screen
- Alarm Type: Audible (95dB), Visual LED, Vibration
- Protection Grade: IP68 Waterproof & Dustproof
- Explosion Proof Grade: Ex Ia IIC T4 Ga
- Battery Type: Non-Replaceable Lithium 3.6V
- Battery Life: 2 Years Continuous (Maintenance-Free)
- Operating Temperature: -40C To +60C
- Dimensions: 88 X 58 X 33 Mm
- Weight: 108g (with Clip)
- Response Time: T90 Less Than 20 Seconds
- Menu Language: English / Chinese Bilingual
- Highlight: **IP68 Waterproof Gas Detector,**

Product Description

IP68 Waterproof Portable Single Gas Detector – 2-Year Maintenance-Free

The K60-IV is an ultra-compact, lightweight portable single gas detector designed for personal safety in demanding industrial environments. Featuring **IP68 waterproof and dustproof protection** and a **1-year continuous maintenance-free battery**, this device delivers zero-maintenance reliability for worker safety.

Key Features

IP68 Waterproof & Dustproof – Fully submersible and dust-tight for use in the harshest industrial environments including mines, tunnels, offshore platforms, and chemical processing

1-Year Maintenance-Free Battery – Sealed lithium battery provides 24/7 protection for 2 full years without charging or replacement, reducing total cost of ownership

Ultra-Lightweight at 108g – Compact design with belt/strap clip for all-day comfortable wear

Imported Electrochemical Sensor – High-precision sensor with T90 response under 20 seconds, selectable for CO, H2S, O2, CL2, NH3, NO2, SO2, H2, and dozens of other gases

Triple Alarm System – 95dB high-decibel audible alarm, bright LED visual indicators, and powerful vibration motor

IECEX & ATEX Certified – Intrinsically safe Ex ia IIC T4 Ga for use in Zone 0 hazardous areas

Bilingual Menu – English and Chinese interface for global workforce usability

High-Contrast LCD Display – Clear real-time gas concentration readings even in direct sunlight

Applications

Personal safety monitoring for oil & gas workers, chemical plant operators, confined space entry, mining personnel, fire services, marine operations, welding safety, pharmaceutical manufacturing, and wastewater treatment.

Technical Specifications

Gas Options	CO, H2S, O2, CL2, NH3, NO2, SO2, H2, HCN, PH3, O3, and more (selectable at order)
Sensor Type	Imported Electrochemical Sensor
Measuring Range	Configurable per gas type (e.g., CO: 0-1000ppm, H2S: 0-100ppm, O2: 0-30%VOL)
Display	High-Contrast LCD with Backlight
Alarm	Audible (95dB @30cm), Visual (Red/Blue LEDs), Vibration
Protection Grade	IP68
Explosion Proof	Ex ia IIC T4 Ga
Certification	IECEX, ATEX, CE, FCC, RoHS, EMC
Battery Life	2 Years Continuous (factory-sealed, maintenance-free)
Operating Temperature	-40C to +60C
Dimensions	88 x 58 x 33 mm
Weight	108g (with clip)

Why Choose Our K60-IV? ISO 9001:2015 certified manufacturer with full IECEX and ATEX facility audit. Every detector is individually calibrated with NIST-traceable gas standards and comes with a calibration certificate. OEM/ODM customization available for sensor type, alarm thresholds, branding, and packaging.



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