

## Customized Bw Solo Handheld Combustible Portable Single Gas Detector Approx. 120g

Our Product Introduction

for more products please visit us on [multi-gasdetection.com](http://multi-gasdetection.com)

### Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC

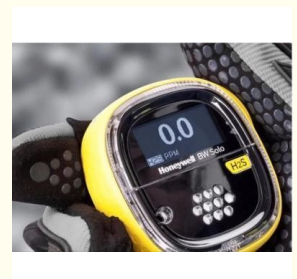


### Product Specification

- Model NO.: Bw Solo
- Gas: Customized
- Type: Electrochemical Gas Analyzer
- Item: Single Gas Detector
- Sampling: Diffusion
- Working Voltage: 3V Lithium Battery
- Alarm Type: Acousto-Optic Alarm With Vibration
- Sensor Life: 2-5 Years
- Explosion-Proof Grade: Ex Ib Iic T3
- Weight: Approx. 120g
- Transport Package: 1 Set/ Carton
- Specification: 109x56x38mm/4.291"x2.205"x1.496"
- Trademark: KELISAIKE Or OEM
- Origin: Nanjing, China
- HS Code: 8531100000



### More Images



## Product Description

### Bw Solo Handheld Combustible Portable Single Gas Detector Honeywell Brand



#### Product Description

Honeywell BW™ Solo is an easy to service single-gas detector with BLE connectivity that provides real-time visibility into the status and safety of hazardous-area workers, helping companies respond faster, more knowingly and decisively to safety incidents. Data from the detector or its docking station is downloadable to a PC, where it can be aggregated and managed through Honeywell's Safety Suite software platform to automate key compliance tasks like regulatory records management. Can detect up to 15 user-selected common and exotic gases. User-friendly operation, lightweight, convenience and ease of maintenance and serviceability can lower long-term ownership cost of a gas monitoring system.

#### Feature and Benefits

- User-friendly operation
- Easy-to-read display for multiple languages
- Lightweight convenience
- Ease of maintenance
- Serviceability
- The new 1-Series sensor for enhanced reliability connected bluetooth low energy(BLE) capabilities Quick Specs.
- High Standards of sensor quality and reliability
- The easiest single-gas detector to service
- The first single-gas detector with the 1 Series sensor for CO/H2S/O2 and CO2
- Complete with an extensive selection of sensor options
- Compatible with Honeywell IntelliDox

# HONEYWELL BW™ SOLO

## Serviceable Single-Gas Detector

The next-generation single-gas detector that helps you reduce cost, ensure compliance and know your workers are protected.

Honeywell BW™ Solo has everything you expect — plus additional features to make your compliance easier and more cost-effective than ever. All with a reliable life span, one-button operation and small, lightweight profile. Honeywell BW™ Solo is:

- The easiest single-gas detector to service, with no need to take it apart to replace sensors, batteries and sensor filters. That means long life and low cost.
- Complete with an extensive selection of sensor options. Count on comprehensive detection, whether you're monitoring for common or exotic hazards.
- The first single-gas detector with the 1-Series sensor for CO, H<sub>2</sub>S, O<sub>2</sub> and CO<sub>2</sub>. That means high accuracy, lower costs and faster sensor response time for the gases you monitor most often.
- Compatible with IntelliDoX. Save time and centralize data with automated bump testing, calibration and instrument management. Use IntelliDoX docking stations with Honeywell SafetySuite Device Configurator software to maintain and monitor your entire fleet from practically anywhere.



Easy to handle



Easy to read



## FEATURES AND BENEFITS

For even more time-saving convenience — plus remote visibility on alarms — choose the wireless version. And manage it from your smartphone.

Pair the wireless Honeywell BW™ Solo with our Safety Communicator mobile app and detector readings are sent instantly to Honeywell's real-time monitoring software — Honeywell Safety Suite — which can be accessed from any device with an internet connection, and get remote visibility on worker safety and location.

You can also use the wireless Honeywell BW™ Solo to share gas data with the desktop software — no dock required.

### Other Honeywell BW™ Solo features:

- Option to activate IntelliFlash™ or non-compliance flash
- Ability to assign detectors to workers and locations
- Easy-to-read display for multiple languages
- Data logging with rolling 24-hour peak reading

	BW™ SOLO & BW™ SOLO WIRELESS	BW™ SOLO LITE*
SENSOR TYPE	1-Series and 4-Series	4-Series only
DATALOGGING	Yes	—
EVENT LOGGING	50 Events	5 Events
LANGUAGES SUPPORTED	11	5
WORKER & LOCATION ASSIGNMENT	Yes	—

\*Not available in North America.

**Honeywell**

## Honeywell BW™ Solo Technical Specifications

TECHNICAL SPECIFICATIONS	
SIZE	7.0 x 6.7 x 3.6 cm (2.7 x 2.6 x 1.4 in) (1-Series sensor models) 7.0 x 6.7 x 4.1 cm (2.7 x 2.6 x 1.6 in) (4-Series sensor models)
WEIGHT	103 to 116 g (3.6 to 4.1 oz), depending on installed sensor
HUMIDITY	0% - 95% RH (non-condensing)
INGRESS PROTECTION	IP66/68
ALARMS AND TYPE	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, non-compliance
SELF-TEST	Sensor integrity, circuitry, battery and audible/visual alarms on activation; battery (continuous)
TYPICAL BATTERY LIFE	12 months (6 months for 1-Series O <sub>2</sub> ), 2 months for 1.5 CO <sub>2</sub>
CONNECTED WORKER	• Bluetooth™ Low Energy (BLE) – Ability to connect to the Honeywell Safety Communicator and Device Configurator apps
USER OPTIONS	<ul style="list-style-type: none"> <li>• Reset TWA, STEL and Peak readings</li> <li>• Change High, Low, TWA and STEL alarm setpoints</li> <li>• Latching alarms</li> <li>• Enable IntelliFlash and non-compliance indicators</li> <li>• Set calibration and/or bump test reminders</li> <li>• Assign worker and location assignments</li> <li>• Language select: English, French, Spanish, German, Italian, Russian, Japanese, Chinese, Korean, Portuguese, Dutch (Honeywell BW™ Solo Lite®: English, Russian, Japanese, Chinese and Korean only)</li> </ul>
CERTIFICATIONS AND APPROVALS	<p><b>CE</b>: Class I, Division 1, Groups A, B, C, D T4 Class II, Division 1, Groups E, F, G T4 Class I, Zone D, AEx/Ex ia IIC T4 Ga -40°C; Tamb ≤ 60°C Sira 18ATEX2243</p> <p><b>ATEX</b>: <b>CE</b> 2460 Ex ia I Ma -40°C; Tamb ≤ 60°C</p> <p><b>IECEc</b>: IECEc SIR 18.0058 Ex ia IIC T4 Ga / Ex ia I Ma -40°C; Tamb ≤ 60°C</p> <p><b>Inmetro</b>: DN19.0109 Ex ia IIC T4 Ga -40°C; Ta ≤ 60°C</p> <p><b>FCC ID</b>: SU38WS1</p> <p><b>IC</b>: 20960-BWS1</p> <p><b>RED</b>: RE-D Directive 2014/53/EU</p> <p><b>ABS</b>: Type Approved 21-2143903-PDA</p> <p>For additional certifications, please review the manual or consult Honeywell Analytics.</p>
WARRANTY	3 years for 1-Series detectors and sensors (H <sub>2</sub> S, CO, O <sub>2</sub> , CO <sub>2</sub> ) 2 years for 4-Series detectors and sensors (1 year for NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>2</sub> , ETO, ClO <sub>2</sub> , HCl, HF sensors)

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



### INTELLIDOX DOCKING SYSTEM

IntelliDOX combines smart-docking modules with our instrument management system to provide automated testing and record keeping.

For more information  
www.safety.honeywell.com

Honeywell Gas Analysis and Safety

1630 Old Buxton Rd, Fort Mill, SC 29707  
(803) 835-8000

SENSOR SPECIFICATIONS			
GASES	STANDARD MEASURING RANGE	RESOLUTION	OPERATING TEMPERATURE
H <sub>2</sub> S (1S)	0-200 ppm	0.1 ppm	-40°C to +60°C (-40°F to +140°F)
CO (1S)	0-2000 ppm	1 ppm	-40°C to +60°C (-40°F to +140°F)
CO <sub>2</sub> (1S)	0-50,000 ppm	100 ppm	-20°C to +60°C (-4°F to +140°F)
O <sub>2</sub> (1S)	0-30% v/v	0.1% v/v	-40°C to +60°C (-40°F to +140°F)
Cl <sub>2</sub> (4S)	0-50 ppm	0.1 ppm	-20°C to +40°C (-4°F to +104°F)
CO <sub>2</sub> (4S)	0-1 ppm	0.01 ppm	-20°C to +40°C (-4°F to +104°F)
CO-H (4S)	0-2000 ppm	0.5 ppm	-30°C to +50°C (-22°F to +122°F)
ETO (4S)	0-100 ppm	0.1 ppm	-30°C to +50°C (-22°F to +122°F)
H <sub>2</sub> (4S)	0-1000 ppm	2 ppm	-20°C to +50°C (-4°F to +122°F)
HCl (4S)	0-30 ppm	0.7 ppm	-20°C to +40°C (-4°F to +104°F)
H <sub>2</sub> S (EXT. RANGE) (4S)	0-500 ppm	0.1 ppm	-40°C to +50°C (-40°F to +122°F)
HCN (4S)	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
HF (4S)	0-10 ppm	0.2 ppm	-20°C to +40°C (-4°F to +104°F)
NH <sub>3</sub> (4S)	0-100 ppm	1 ppm	-20°C to +40°C (-4°F to +104°F)
NH <sub>3</sub> (EXT. RANGE) (4S)	0-1000 ppm	1 ppm	-20°C to +40°C (-4°F to +104°F)
NO (4S)	0-250 ppm	0.2 ppm	-30°C to +50°C (-22°F to +122°F)
NO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
O <sub>2</sub> (4S)	0-1 ppm	0.01 ppm	-20°C to +40°C (-4°F to +104°F)
PH <sub>3</sub> (4S)	0-5 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
SO <sub>2</sub> (4S)	0-100 ppm	0.1 ppm	-40°C to +50°C (-40°F to +122°F)
H <sub>2</sub> S (4S)*	0-100 ppm	0.1 ppm	-20°C to +50°C (-4°F to +122°F)
CO (4S)*	0-1000 ppm	1 ppm	-20°C to +50°C (-4°F to +122°F)
O <sub>2</sub> (4S)*	0-30% v/v	0.1% v/v	-20°C to +50°C (-4°F to +122°F)

1S - 1-Series sensor / 4S - 4-Series sensor

\*Honeywell BW™ Solo Lite only (not available in North America)

THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT

Other type recommended by sellers



The **K60 series** gas detector is a full featured device that has unequaled cost of ownership . The detector is warranted for one year and maintenance free with replaceable battery.

#### >> Product Detail

### K60 Portable Single Gas Detector



UK sensors (brands CITY, Alphasense, Dynament etc. ), US (brand Honeywell), Japanese and





German sensors, ensuring high stability & sensitivity

**CE/ ATEX approved.** Gas detectors are approved under the ATEX directive.



- **Applicable in harsh environments:** -4 °F to 122°F (-20°C – +50°C), 0 – 95% RH, non-condensing (anti-splash)
- **IP66 Ingress Protection:** compact and durable body design, wider application environments

**Ultra-strong battery:** Japanese battery, ensuring 10 months working time



- **High response speed:** Specially designed main board for industrial use; 10+ years professional engineering team for technical solutions
- **OBM/ ODM/ OEM Service:** with over 14 years experience, specializing in gas detectors.

### >>>Key Features

1. Imported sensors using electrochemistry
2. Sensors: oxygen, carbon monoxide, combustibles, hydrogen sulfide or sulfur dioxide
3. Vibration alarm with red flashing light and sound
4. Waterproof and dustproof design for normal working in harsh environments
5. Interchangeable Lithium-ion battery
6. 2+2 digits LED display
7. Light in weight and small in size makes it portable

8. Can be clipped to a belt for easy handling and usage
9. Simple operation cuts training costs
10. Long service life (typical >2 years)
11. CERTIFICATIONS: CMC,Ex,MA (SAFETY CERTIFICATE OF APPROVAL FOR COAL MINING PRODUCTS IN CHINA)

#### >>>Techniacal Specification

<b>Dimension</b>	109L×56 W×38 H (mm)
<b>Weight</b>	Approx. 120g
<b>Sampling</b>	Diffusion
<b>Working Temperature</b>	- 20 °C ~ + 50 °C
<b>Relative Humidity</b>	15%~90% RH (non-condensing)
<b>Power</b>	3V lithium battery
<b>Sensor Life</b>	One year for oxygen and combustible gas sensor; two years for VOCs and toxic gases sensors
<b>Display</b>	LCD display
<b>Alarm Mode</b>	Acousto optic alarm with vibration
<b>Explosion-proof Grade</b>	Ex ib IIC T3
<b>Warranty</b>	2 year

#### COMMONLY USED GAS DETECTION LIST

No	Gas Types	Measurement range	90% response time	Minimum readout	Alarm set point low/high	Detection accuracy
1	PH3	0-5-2000ppm	T90≤25s	0.1ppm	0.3 ppm/5ppm	±5%(F.S)
2	O2	0-30%vol	T90≤15s	0.1%vol	18.0%/23.0%vol	±5%
3	EX	0-100%LEL	T90≤15s	1%LEL	25.0%/50.0%LEL	±5%(F.S)
4	CO	0-2000 ppm	T90≤25s	1ppm	50ppm/100ppm	±5%(F.S)
5	H2S	0-200 ppm	T90≤30s	0.1ppm	10ppm/20ppm	±5%(F.S)
6	SO2	0-100 ppm	T90≤30s	0.1ppm	2 ppm /10 ppm	±5%(F.S)
7	Cl2	0-20 ppm	T90≤30s	0.1ppm	1 ppm /10 ppm	±5%(F.S)
8	NH3	0-200 ppm	T90≤50s	0.1ppm	25 ppm /50 ppm	±5%(F.S)
9	NO2	0-200 ppm	T90≤25s	0.1ppm	3ppm/10ppm	±5%(F.S)
10	NO	0-250 ppm	T90≤60s	0.1ppm	25 ppm /50 ppm	±5%(F.S)
11	H2	0-1000 ppm	T90≤60s	1ppm	50 ppm /100 ppm	±5%(F.S)
12	HCL	0-20 ppm	T90≤60s	0.1ppm	5 ppm /10 ppm	±5%(F.S)
13	HCN	0-50 ppm	T90≤200s	0.1ppm	10 ppm /20 ppm	±5%(F.S)
14	CH4	0-5%vol	T90≤60s	0.0001	customize	±5%(F.S)
15	VOCs	0-1999 ppm	T90≤20s	0.1ppm	customize	±5%(F.S)
16	CO2	0-5%vol	T90≤60s	0.0001	customize	±5%(F.S)
17	C3H8	0-5%vol	T90≤60s	0.1%Vol	customize	±5%(F.S)
18	O3	0-10ppm	T90≤30s	0.02ppm	1ppm/2ppm	±5%(F.S)

#### >>>Certificate

## Verification of Compliance



No. EC.1282.00140417.NKSQX44

**Certificate's Holder:** Nanjing KELISAIKE Safety Equipment Co., Ltd.  
No. 9 Gaohu Road, Jiangning District, Nanjing, 211100, China

**Product:** Portable Gas Detector  
**Model(s):** K60-CO, K60-O<sub>2</sub>, K60-H<sub>2</sub>S, K60-H<sub>2</sub>, K60-NH<sub>3</sub>, K60-CH<sub>4</sub>, K60-EX, K60-PH<sub>3</sub>, K60-NO<sub>2</sub>, K60-NO, K60-SO<sub>2</sub>, K60-CL<sub>2</sub>

**Verification to** Standard:  
EN 61000-3-2:2006+A1:2009+A2:2009,  
EN 61000-3-3:2013, EN 61000-6-1: 2007,  
EN 61000-6-3:2007+A1:2011+AC:2012.

**related to:**  
Directive 2004/108/EC (Electromagnetic Compatibility)

**Remark:** This Verification of Compliance has been issued on a voluntary basis. ECM confirms that a Technical Construction File (TCF) is existent for the above listed product(s).  
The TCF satisfactorily covers the essential requirements of the above listed standards related to **Directive 2004/108/EC (Electromagnetic Compatibility)**.  
Other relevant Directives have to be observed in case they are applicable.  
This Document is only valid for the equipment and configuration described and in conjunction with the TCF detailed above. Whereas the Manufacturer is responsible of the certification of the product(s) and not exempted to perform all the necessary activities before placing the product(s) on the market.  
The Manufacturer is also responsible of the internal production control to ensure the product(s) are in compliance with the essential requirements of the above mentioned Directive(s).  
This certificate can be checked for validity at [www.entecerma.org](http://www.entecerma.org)

Date of Issue APRIL 2014

Certification Chief Manager

Tim Mahap



Expiry date APRIL 2019

Certification Deputy Manager

Viola Major



Ente Certificazione Macchine Srl

Via Mincio, 386/a - 41055 Savignano s.P. (MO) - ITALY

+39 059 763735 - +39 059 763305 - +39 059 761838 - [info@entecerma.it](mailto:info@entecerma.it) - [www.entecerma.it](http://www.entecerma.it)



## 防爆合格证

CONFORMITY CERTIFICATE OF EXPLOSION-PROOF

证号  
Certificate No. CE13. 2147

产品名称

Name of Product

袖珍式气体检测报警仪

型号及规格

Type of Product

K60-□

防爆标志

Marking

Ex II CTG

技术文件

Technical Documents

Q/3201 KLSK 02-2011

图号

Drawing No.

K60-C0-00

备注

Note (s)

1. 型号中的□代表检测气体种类: O<sub>2</sub>、O<sub>2</sub>、H<sub>2</sub>S.
2. 产品采用单节 CR2 3V 电池供电。

经对上述产品图样及技术文件的审查和样品的检验, 其符合以下标准:

By verifying the drawings and technical documents and checking samples, the product complies with the following standards:

GB3836.1-2010 GB3836.4-2010

发给:

Issued to:

南京科力赛克安全设备有限公司

本证失效日期:

Date of Expiry:

2018-08-07

发证日期:

Date of Issue:

2013-08-07

中心印章  
Center seal



中心主任  
Director

刘弘光

石油和化学工业电气产品防爆质量监督检验中心  
Supervision & Test Center of Ex-products of China Petroleum & Chemical Industry

注: 本证书只与送检样品一致的产品有效。

Note: This certificate is only valid for the products that are in accord with sample(s) tested and verified.

中心地址: 中国天津市丁字沽二道 81 号

Center Add: No. 81 No. 3 Road Dingtuzi, Tianjin China Post code: 300131

E-mail: [ccc@pccc.com.cn](mailto:ccc@pccc.com.cn)

邮政编码: 300131

Post Code: 300131

电话/传真: 022-26031066/26089116

Tel/Fax: 022-26031066/26089116

<http://www.pccc.com.cn>



## >>>Package



## >>>Service

1. For all our customers, our products have 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 locating in Nanjing city, welcome to visit our factory.
6. All products will be well checked and well packed before shipment, and qualification certificate will be provided.

## >>>Why choose KELISAIKE?

1. Mutual benefit : We are a factory, our price will be cheaper in the same quality.
2. Professional engineers: We have 3 engineers who have more than 10 years' experience and over 5 engineer assistants in gas detection line, with Hi-Tech equipments, we make more accurate and stable products.
3. Customize : We have strong R&D team, 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: Yes, we are the professional safety equipments manufacturer, we have over 12 years produce and market experience in this field.

### Q: Are you provide customization?

A: Yes, including gas type, gas detecting range, gas alarm point etc. please contact us about the detailed specifications.

### Q: Can I order one piece for sample to test the quality?

A: Yes, 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.

## >>>Company View



## >> Our Exhibition



**Nanjing KELISAIKE company** is one of the largest safety equipment manufactures, possessing the most complete production range and specifications in the safety equipment industry of mainland China. Nanjing KELISAIKE was founded in 2004, including three subsidiaries in Beijing, Xi'an and Xinjiang, and more than 30 domestic sales service centers, with total registered capital of 5.16 million Yuan.

We are the leader enterprise of the science and technology, persisting in creating core competencies by the core technology. In the company, there is one professional and technical talent team who masters core technology, including more than 10 senior technicians and masters.

Standard products and services cover the portable gas detector, fixed gas transmitter, wall-mounted gas detector, gas detector control unit, air breathing apparatus etc. Also Nanjing KELISAIKE is an experienced factory for OEM service, providing professional design and construction of the customize products. The products are widely used in fields of petroleum, chemical, gas transmission and distribution, warehousing, municipal gas, fire fighting, environmental protection, metallurgy, pharmacy, energy and power industry.

## >>>Contact Us



**Nanjing Kelisaike Safety Equipment Co., Ltd.**



+86 25 8719 3262



manager@njklsk.cn



multi-gasdetection.com

Bldg 12, 2 Qingshuiting West Road, Nanjing, Jiangsu, China, 211102