

# HONEYWELL BW™ CLIP

## Maintenance-Free Single-Gas Detectors

**The most user-friendly, reliable and cost-effective way to ensure safety, compliance, and productivity.**

The BW Clip Series of single-gas detectors provides up to three years maintenance-free operation: Just turn on the device and it runs continuously – no need for calibration, sensor replacement, battery replacement or battery charging. That means great reliability and no downtime.

Plus, with the two-year version for H<sub>2</sub>S or CO, you can put the device in a hibernation case when you're not using it for a week or more – and extend its life by that period of time.

Choose from two detectors; both of which are compact, lightweight and easy to handle, while tough enough for harsh environments and extreme temperatures:

- **BW Clip** provides standard operation and no calibration
- **BW Clip Real Time** includes a real-time gas level display and the ability to calibrate the device

Both detectors are compatible with the IntelliDoX instrument management system.

## UNIQUE ADVANCED TECHNOLOGY

**SureCell™** is a unique dual reservoir sensor design that dramatically improves instrument performance, response time, and longevity compared to traditional electrochemical sensors, and consistently delivers reliable instrument performance under the harshest environmental conditions.

**Reflex Technology™** is an advanced automated self-test function that routinely checks the operating condition of the sensor to increase safety, up-time, and overall worker confidence.

**IntelliDoX** is an instrument management system that offers the quickest bump test in the industry, configuration of alarm set points, easy and accurate record-keeping, and performs different tests for up to five BW Clip detectors at once for maximum productivity.

## FEATURES AND BENEFITS



- Maintenance-free: no sensor or battery changes necessary
- Compact, lightweight design with one-button operation
- Affordable, with low cost of ownership



- Device Management with Honeywell SafetySuite
- Designed for a range of harsh environments and extreme temperatures
- Hibernation mode with case accessory or IntelliDoX



- Automated self-test of battery, sensor and electronic
- Wide-angle flash, alerts simultaneously with audible and vibrating alarm
- Automatic logging of the 35 most recent gas events and bump test results



*BW Clip and the BW Clip Real Time single-gas detectors use advanced technology to ensure safety, compliance, and productivity. Easy gas identification with color coded labels and LCD indication:*

**Honeywell**

# Honeywell BW™ Clip Technical Specifications

## MECHANICAL

**Size:** 1.6 in x 2.0 in x 3.4 in  
(4.1 cm x 5.0 cm x 8.7 cm)

**Weight:** 3.2 oz (92 g)

### Temperature:

**H<sub>2</sub>S:** -40°F to 122°F (-40°C to 50°C)

**CO:** -22°F to 122°F (-30°C to 50°C)

**O<sub>2</sub>:** -4°F to 122°F (-20°C to 50°C)

**SO<sub>2</sub>:** -22°F to 122°F (-30°C to 50°C)

**Humidity:** 5% to 95%RH (non-condensing)

## SYSTEM ARCHITECTURE

**Alarms:** 95 dB; visual, vibrating, audible; low and high

**Gas Identification:** Clearly marked color-coded labels and LCD identifications

**H<sub>2</sub>S:** Yellow

**CO:** Medium gray

**O<sub>2</sub>:** Light gray

**SO<sub>2</sub>:** Orange

**Tests:** Activated detectors automatically perform one internal diagnostic test every 24 hours

**Battery Life (Typical):** Two years (H<sub>2</sub>S, CO, O<sub>2</sub> or SO<sub>2</sub>); three years (H<sub>2</sub>S or CO) depending on the version

**Event Logging:** 35 most recent events

**Ingress Protection:** IP 66/67

### Certifications / Approvals:

**cULus:** Class I, Div. 1, Gr. A, B, C, D.  
Class I, Zone 0, Gr. IIC;

**ATEX:** II 1G Ex ia IIC T4 Ga;

**IECEx:** Ex ia IIC T4 Ga;

European conformity; American Bureau of Shipping; CU TR Ex (Customs Union)

## SENSOR SPECIFICATIONS\*

**H<sub>2</sub>S – 2/3 Year Detector:** 0-100 ppm measuring range; 10 ppm low alarm level; 15 ppm high alarm level

**CO – 2/3 Year Detector:** 0-300 ppm measuring range; 35 ppm low alarm level; 200 ppm high alarm level

**O<sub>2</sub> – 2 Year Detector:** 0-25 % by volume measuring range; 19.5 % low alarm level; 23.5 % high alarm level

**SO<sub>2</sub> – 2 Year Detector:** 0-100 ppm measuring range; 5 ppm low alarm level; 10 ppm high alarm level

\* Alarm set points are user adjustable before and after activating the detector. Set points shown are the most common default values, additional default values are available.

## WARRANTY

Two or three years from activation (given normal operation), plus one year shelf life (6 months for O<sub>2</sub>); up to three years for two year H<sub>2</sub>S and CO detectors when used with the hibernation feature, limited to 24 months of detector operation.

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance).

For a complete listing of all supported barcode symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies).

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## OPTIONS

### Configurable

- Configuration of high and low alarm set points before the device is activated
- Adjustment of alarm set points and other parameters as needed throughout the lifespan
- Enable the noncompliance indicator, which flashes red when a bump test is due or a gas event occurs
- Option to display gas reading during alarm (BW Clip only)
- User settable bump test reminder
- User settable calibration reminder (BW Clip Real Time only)
- Option to display the Real Time Clock

### Accessories

- Hibernation Case
- Hard Hat Clip
- IntelliDoX instrument management system

For a complete list of kits and accessories, contact Honeywell.

## For more information

[sps.honeywell.com](http://sps.honeywell.com)

## Honeywell Sensing & Safety Technologies

830 East Arapaho Road

Richardson, TX 75081

[www.honeywell.com](http://www.honeywell.com)