HONEYWELL BW™ CLIP

Maintenance-Free Single-Gas Detectors

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



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:

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_2S 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

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_2S: -40°F to 122°F (-40°C to 50°C)
CO: -22°F to 122°F (-30°C to 50°C)
O_2: -4°F to 122°F (-20°C to 50°C)
SO_2: -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_2S: Yellow
CO: Medium gray
O_2: Light gray
SO_2: Orange

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

Battery Life (Typical): Two years (H2S, CO, O2 or SO2);three years (H2S 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_2S – 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_2 – 2 Year Detector: 0-25 % by volume measuring range; 19.5 % low alarm level; 23.5 % high alarm level

SO_2 – 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_2); up to three years for two year H_2S 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.

For a complete listing of all supported barcode symbologies, please visit 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

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