

# BW Clip Series

## 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.

**Use our unique advanced technology for safety, compliance and productivity.**

- **Surecell™**: unique dual reservoir sensor design 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™**: advanced automated self-test function routinely checks the operating condition of the sensor to increase safety, up-time, and overall worker confidence
- **IntelliDoX**: instrument management system
  - The quickest bump test in the industry
  - Configuration of alarm set points and more
  - Performing different tests for up to five BW Clip detectors at once – for maximum productivity
  - Easy and accurate record-keeping



### Configurable Options:

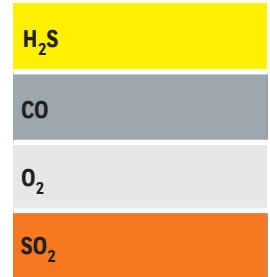
- Configuration of high and low alarm set points before the device is activated
- Adjustment of alarm set points and other parameters as needed throughout the lifespan
- Option to enable the noncompliance indicator, which flashes red when a bump test is due or a gas event occurs
- Option to display gas 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




## FEATURES & BENEFITS

- Maintenance-free: no sensor or battery changes necessary
- Compact, lightweight design with one-button operation
- Designed for a range of harsh environments and extreme temperatures
- Hibernation mode with case accessory or IntelliDoX
- Automated self-test of battery, sensor and electronics
- Wide-angle flash, which alerts simultaneously with audible and vibrating alarm
- Automatic logging of the 35 most recent gas events and bump test results
- Affordable, with low cost of ownership
- Device Management with Honeywell SafetySuite

# BW Clip Series Specifications

Easy gas identification with color coded labels and LCD indication:



| BW CLIP SERIES SPECIFICATIONS |  |
|-------------------------------|--|
| SIZE                          | 1.6 x 2.0 x 3.4 in. / 4.1 x 5.0 x 8.7 cm   |
| WEIGHT                        | 3.2 oz. / 92 g   |
| TEMPERATURE                   | H <sub>2</sub> S: -40 to +122°F / -40 to +50°C<br>CO: -22 to +122°F / -30 to +50°C<br>O <sub>2</sub> : -4 to +122°F / -20 to +50°C<br>SO <sub>2</sub> : -22 to +122°F / -30 to +50°C   |
| HUMIDITY                      | 5% - 95% RH (non-condensing)   |
| ALARMS                        | Visual, vibrating, audible (95 dB) • Low, High   |
| TESTS                         | Activated detectors automatically perform one internal diagnostic test every 24 hours  |
| TYPICAL BATTERY LIFE          | Two years (H <sub>2</sub> S, CO, O <sub>2</sub> or SO <sub>2</sub> ) or 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 AND APPROVALS  |  Class I, Div. 1, Gr. A, B, C, D.<br>Class I, Zone 0, Gr. IIC<br><b>ATEX:</b> II 1G Ex ia IIC T4 Ga<br><b>IECEX:</b> Ex ia IIC T4 Ga<br> European Conformity<br> American Bureau of Shipping<br><b>ERIC Ex</b> CU TR Ex (Customs Union) |
| 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.   |

| SENSOR SPECIFICATIONS       |                    |                 |                  |
|-----------------------------|--------------------|-----------------|------------------|
| GAS                         | MEASURING RANGE    | LOW ALARM LEVEL | HIGH ALARM LEVEL |
| <b>2 OR 3 YEAR DETECTOR</b> |                    |                 |                  |
| H <sub>2</sub> S            | 0 - 100 ppm        | 10 ppm          | 15 ppm           |
| CO                          | 0 - 300 ppm        | 35 ppm          | 200 ppm          |
| <b>2 YEAR DETECTOR</b>      |                    |                 |                  |
| O <sub>2</sub>              | 0 - 25.0 % by vol. | 19.5 %          | 23.5 %           |
| SO <sub>2</sub>             | 0 - 100 ppm        | 5 ppm           | 10 ppm           |

ALARM SETPOINTS ARE USER ADJUSTABLE BEFORE AND AFTER ACTIVATING THE DETECTOR. SET POINTS SHOWN ARE MOST COMMON DEFAULT VALUES. ADDITIONAL DEFAULT VALUES ARE AVAILABLE.

## Optional Accessories

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

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

### For more information

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Device Management with  
**Honeywell SafetySuite**



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**D**ETECTION | **S**AFETY | **P**ROTECTION

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