

BW Clip

Maintenance-Free Single-Gas Detector

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

The BW Clip single-gas detector is your everyday companion for hazardous environments. It operates up to three years maintenance-free: 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 BW Clip for H₂S 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.

Compatible with both the MicroDock II and the IntelliDoX instrument management systems, the BW Clip is engineered to the highest standards of quality and reliability, keeping you safe and compliant.

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
- User settable bump test reminder
- 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
- Compatible with MicroDock II and Fleet Manager II software
- Affordable, with low cost of ownership
- Device Management with Honeywell Sotera™

BW Clip Specifications

Easy gas identification with color coded labels and LCD indication:

H ₂ S
CO
O ₂
SO ₂

BW CLIP 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 ₂ S: -40 to +122°F / -40 to +50°C CO: -22 to +122°F / -30 to +50°C O ₂ : -4 to +122°F / -20 to +50°C SO ₂ : -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 ₂ S, CO, O ₂ or SO ₂) or three years (H ₂ S or CO)
EVENT LOGGING	35 most recent events
INGRESS PROTECTION	IP 66/67
CERTIFICATIONS AND APPROVALS	CSA: Class I, Division 1, Groups A, B, C and D. Class I, Zone 0, Gr. IIC ATEX: 0539 II 1G DEMKO 14 ATEX 1356 IECEX: Ex ia IIC T4 Ga IP66/67 IECEX UL 14.0063 European Conformity
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 ₂ 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
2 OR 3 YEAR DETECTOR			
H ₂ S	0 - 100 ppm	10 ppm	15 ppm
CO	0 - 300 ppm	35 ppm	200 ppm
2 OR 3 YEAR DETECTOR			
O ₂	0 - 25.0 % by vol.	19.5 %	23.5 %
SO ₂	0 - 100 ppm	5 ppm	10 ppm

ALARM SETPOINTS ARE USER ADJUSTABLE BEFORE AND AFTER ACTIVATING THE DETECTOR.
SET POINTS SHOWN ARE DEFAULT VALUES AS SHIPPED FROM THE MANUFACTURER. ADDITIONAL DEFAULT VALUES ARE AVAILABLE.

Optional Accessories

- Hibernation Case
- Hard Hat Clip
- IntelliDoX

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

For more information

www.honeywellanalytics.com
www.raesystems.com

Europe, Middle East, Africa

Life Safety Distribution GmbH
Tel: 00800 333 222 44 (Freephone number)
Tel: +41 44 943 4380 (Alternative number)
Middle East Tel: +971 4 450 5800 (Fixed Gas Detection)
gasdetection@honeywell.com

Americas

Honeywell Analytics Distribution Inc.
Tel: +1 847 955 8200
Toll free: +1 800 538 0363
detectgas@honeywell.com
Honeywell RAE Systems
Phone: +1 408 952 8200
Toll Free: +1 888 723 4800

Asia Pacific

Honeywell Analytics Asia Pacific
Tel: +82 (0) 2 6909 0300
India Tel: +91 124 4752700
China Tel: +86 10 5885 8788-3000
analytics.ap@honeywell.com

Technical Services

EMEA: HAexpert@honeywell.com
US: ha.us.service@honeywell.com
AP: ha.ap.service@honeywell.com

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Device Management with
Honeywell Sotera™



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