

# The four-gas always-on portable monitor with the two-year life

*The revolutionary Honeywell BW Clip4: new infrared sensor technology for longer life with lower maintenance and management costs*

Wearable detectors are industry's first line of defense against hazardous vapors. Now detectors based on new sensor technology are revolutionizing ease, convenience, worker compliance, and fleet costs for industrial gas detection.

## The trouble with traditional monitors

Where workers face on-the-job risks of hazardous gas exposure, most safety engineers comply with regulations and help ensure safety by providing their people with wearable, clip-on gas detectors. These are standard equipment for many crews in oil and gas, wastewater, heavy manufacturing, confined space, construction, and other applications.

Detectors that monitor only a single gas are relatively inexpensive to purchase, and usually feature disposable, no-maintenance convenience. However, job conditions — and increasingly, new regulations — often require multi-gas models. These are more expensive than single-gas detectors. Until now, they've required maintenance attention and downtime for sensor change-outs and battery recharges.

A final, potentially serious safety drawback of both types of detectors: workers sometimes forget to switch them on.

A new type of detector changes all that.

## Breakthrough safety plus savings in time and maintenance

The BW Clip4 is a new four-gas, wearable monitor from Honeywell, the world's leading maker of multi-gas portable detectors. Its breakthrough disposable design solves many issues presented by previous models.

The detector's "always-on" feature means that the wearer simply turns it on when he or she first receives it. Once activated, it can operate continuously for 2 years. Users simply replace it after that time, and switch on a new unit. So worker compliance — and safety — are secured from day one.

With the BW Clip4, current users of single-gas detectors now have a compelling alternative. They can continue to enjoy maintenance-free convenience, while monitoring four gases — hydrogen sulfide (H<sub>2</sub>S), carbon monoxide (CO), oxygen (O<sub>2</sub>), and combustibles — instead of one. The positive impacts on worker safety are obvious.

Also obvious are the savings in maintenance time and costs for organizations that currently maintain sizable fleets of serviceable multi-gas detectors. This new model eliminates any necessity to change sensors or charge batteries. There's no need for downtime while detectors are being serviced. And standardizing on BW Clip4 reduces the requirement for a large inventory of spare detectors and docking stations.



*The disposable BW Clip4 protects workers from day one, with "always-on" security and a battery that last up to 2 years.*



*New BW Clip4 four-gas wearable detector from Honeywell: the no-maintenance, high-compliance, multi-gas solution*

It's a one-button, four-gas detector with low cost of ownership and the maintenance-free ease of a single-gas model.

## Powerful low-power-draw technology

This innovative new detector draws much less power — and thus delivers much longer runtime — than previous multi-gas models.

A traditional multi-gas portable monitor uses catalytic bead (pellistor) sensor technology to detect flammable gases. Instead, the BW Clip4 utilizes non-dispersive infrared (NDIR) technology, previously available only in fixed-gas detectors from Honeywell.

Compared to the older method, NDIR technology allows the BW Clip4 to consume 1,000 times less battery power!

## Multi benefits for multi-gas detection

"The BW Clip4 operates on a 'fit and forget' cycle — turn it on once and replace the detector 2 years later, when the unit prompts you to do so," said Ken Schmidt, VP/General manager for Honeywell Industrial Safety. "It offers a whole new combination of benefits in multi-gas detection that haven't been possible until now: 2 years of battery runtime without recharging or changing batteries, small size and ease of use, the functionality of a

multi-gas detector, and improved safety compliance."

Other features include:

- Simultaneous monitoring of lower explosive limits (LELs) — for H<sub>2</sub>S, CO, O<sub>2</sub>, and combustibles
- Real-time display — instant gas readings even in non-alarm conditions; current gas concentration level; and changes in atmospheric conditions
- Daily full-function self-test of sensors, battery status, circuit integrity, and audible/visual alarms — for reduced downtime and increased worker safety
- Flashing red noncompliance indicator — to alert workers if unit has missed scheduled bump testing
- Compatibility with IntelliDoX docking and instrument management system
- Intuitive LCD icons
- Simple one-button operation
- Compact profile for tight spaces
- Durable, ergonomic, wearable design

## Simpler fleet management with IntelliDoX

The BW Clip4 simplifies fleet management by generating record and compliance reports automatically, using an optional Honeywell IntelliDoX instrument management system.

This system enables users to configure alarm set points and other parameters (including deactivation of the noncompliance indicator) to meet their specific needs. It reduces time and cost through automated bump testing and improved recordkeeping. IntelliDoX also enables distributors to configure the detectors before activating them, to better manage their inventories.

## Continuing a heritage of industry firsts

As a pioneer in portable gas detection, Honeywell was the first to market with a maintenance-free single-gas detector — the GasAlertClipExtreme, later replaced by the bestselling BW Clip. Honeywell also introduced a compact multi-gas detector with one-button operation (the GasAlertMicroClip). Both of these industry firsts are now the world's most popular gas detectors in their class.

That legacy in portable gas detection — along with the company's record for quality, reliability, and ease of use — positions Honeywell as the manufacturer best suited to bring a new, disposable multi-gas capability to market. And unlike smaller providers, Honeywell can back new products like the BW Clip4 with a comprehensive line of gas detectors and docking stations, plus a unified software platform, to protect workers wherever they're at risk.

# Honeywell

Want more information on BW Clip? Get it here: [www.honeywellanalytics.com/en/products/BW-Clip4](http://www.honeywellanalytics.com/en/products/BW-Clip4)

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