HONEYWELL BW™ ICON MULTI-GAS DETECTOR

The simplest way to prioritize safety — Honeywell BW™ Icon is a fixed-life, two-year, four-gas detector for the gas hazards that workers face most often. That means you can turn it on and activate two years of protection, with no need for sensor or battery replacement — and no hidden costs.

THE FIRST MULTI-GAS DETECTOR WITH AN ICON DISPLAY — FOR FAST DECISIONS

Honeywell BW™ Icon is named for its display of simple icons for gas levels and device status. That means no live gas readings for workers to interpret and no time-consuming training. Instead, when there's a gas alarm, the bell icon on the display will illuminate, along with an indicator next to the sensor in alarm, so workers can quickly clear the area.

REPORTING AND ANALYSIS FROM YOUR SMARTPHONE

Want to see the full concentration of a gas or other information not on the icon-based display? Need to report a gas alarm? Simply download the Honeywell Safety Suite Device Configurator app, use Bluetooth® to pair your smartphone with the detector and open the app to see the data — all organized in a report that's ready to send.

Gas detector for the gas hazards that workers face most often: Combustible gas (LEL), oxygen (O_2), hydrogen sulfide (H_2S), carbon monoxide (CO) and sulfur dioxide (SO_2).

FEATURES AND BENEFITS

RELIABLE

Two months of battery runtime on a 4.5-hour charge — and up to four months if you turn off the detector at the end of each shift. No daily charging, no unexpected downtime.

COMPATIBLE

The Honeywell BW™ Icon is compatible with the IntelliDoX instrument management system and Honeywell Safety Suite and also with TouchConnect™ using Bluetooth® for wireless configuration.

ACCURATE

Low-power infrared LEL sensor is immune to silicone poisoning, which means accurate monitoring of combustibles.

EASY TO MANAGE

The IntelliFlash™ green light indicates when the detector is in compliance and the amber light indicates the need for maintenance.

RESPONSIVE

1series sensors respond to dangerous gas levels in seconds, even in harsh temperatures.

EASY TO USE

Small, lightweight and wearable. One-button operation.

SAME SITE, SAME RISKS

Your employees and independent contractors face the same gas hazards. Shouldn't they have the same level of protection?

Honeywell BW™ Icon is a cost-effective way to issue portable four-gas detectors to all workers on your site, including contractors who may typically use only a single-gas detector. Go beyond mere compliance to protect all personnel — and your company's safety reputation.

Honeywell

Honeywell BW™ Icon Technical Specifications

Technical Specifications	
Size	108.2 mm x 61.5 mm x 43.2 mm (4.29 in x 2.44 in x1.7 in) with Alligator Clip 108.2 mm x 61.5 mm x 37.8 mm (4.29 in x 2.44 in x 1.49 in) with Klick Fast Stud
Weight	185 g (6.5 oz) with Alligator Clip, 169 g (6 oz) with Klick Fast Stud
Working Temperature	-40°C to 60°C (-40°F to 140°F)
Working Humidity	5% to 95%
Ingress Protection	IP66, IP68
Alarms and Type	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, Negative Drift, Over Limit, Multi-alarm
Self-Test	Perform diagnostic of sensor, circuitry on activation; Activated detector automatically performs analog sensor diagnostic every 10 minutes, digital sensor diagnostic every second
Typical Battery Life	Two months (with NDIR CH4 sensor)
Connected Worker	Bluetooth® Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App, Device Configurator App and Safety Suite Device Configurator Software
User options	• Change High, Low, TWA and STEL alarm set points • Latching alarms • Set Calibration and/or bump test reminders • Assign worker and location assignments • Always on User options only available via Device Configurator and Safety Suite Device Configurator
Certifications and Approvals	ATEX, IEC Ex, contains FCCID, contains IC
Device Warranty	Two-year warranty for sensors and detector

Sensor Specifications

Gas Name	Measuring Range	Resolution	Working Temperature
CO	0 to 2000 ppm	1 ppm	-40°C to 60°C (-40°F to 140°F)
H_2S	0 to 200 ppm	1 ppm (can set to 0.1 ppm)	-40°C to 60°C (-40°F to 140°F)
SO_2	0 to 150 ppm	0.1 ppm	-20°C to 50°C (-4°F to 122°F) intermittent -40°C to 55°C (-40°F to 131°F)
O_2	0 to 30% VOL	0.1% VOL	-40°C to 60°C (-40°F to 140°F)
NDIR-CH_4	0 to 100% LEL	1% LEL	-40°C to 60°C (-40°F to 140°F)

Caution: The infrared LEL sensor used in Honeywell BW™ Icon cannot detect hydrogen and acetylene. For applications involving these combustible gases, consider a catalytic-bead LEL sensor as found in the Honeywell BW™ MicroClip Series.

For more information

www.safety.honeywell.com

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