

Honeywell BW™ Icon and Icon+ Multi-Gas Detectors

The Icon and Icon+ are multigas detectors used for personal gas detection and offer the simplest way to prioritize worker safety. Icon is named for its display of simple icons for gas levels and device status. This means there are no live gas readings for workers to interpret. Instead, when there's a gas alarm, the bell icon on the display and instrument will illuminate, and an audible alarm will alert workers to quickly clear the area.

FEATURES

- Two month continuous run-time
- Low-power infrared LEL sensor
- IntelliFlash™ indicates instrument health
- Rapid 1series sensor response
- Small, lightweight, wearable
- One button operation
- Honeywell Safety Suite compatible with Bluetooth connectivity
- Icon+ model includes 3 year warranty
- Icon+ model is serviceable



Honeywell BW™ Icon multi-gas detectors, the one on the left showing Bluetooth connectivity status and the one on the right showing alarm.

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

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SPECIFICATIONS

Technical Specifications

Size	108.2 mm x 61.5 mm x 43.2 mm (4.29 in. x 2.44 in. x 1.7 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 & 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 CH ₄ 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	<ul style="list-style-type: none"> • 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 & Approvals	ATEX, IEC Ex, contains FCCID, contains IC
Device Warranty	Two-year warranty for sensors and detector Three-year warranty for Icon+ 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 ₂ S	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 and 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.

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