

Honeywell BW™ Ultra Multi-Gas Detector

Extra Detection | Ultra Protection

Honeywell

Product Overview

At Honeywell, they always put your safety where it should be – first. With Honeywell BW™ Ultra, the new portable five-gas detector, you will be able to do the same for your workers. Designed specifically for sampling and monitoring confined spaces, before and after entry, Honeywell BW™ Ultra has enhanced sensor technology, visibility on gas readings, comfort, and connectivity. This makes it the most reliable and user-friendly way to prevent a safety incident.

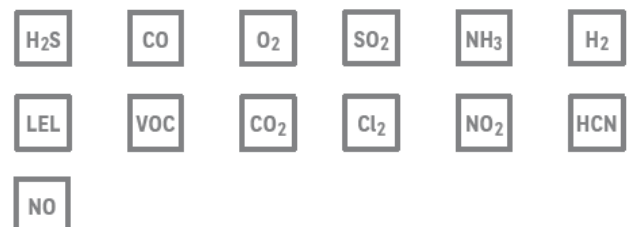
Extra Gas Detection. Extraordinary.

The Honeywell BW™ Ultra complies with all safety regulations in place by detecting your required gases. Furthermore, it goes the extra mile by offering you the option to choose a fifth sensor from a list of gases – for added protection at work.

The Honeywell BW™ Ultra is the first gas detector on the market to feature the 1-Series sensor, with fast response, reliable performance and long life, even in extreme working conditions. That means high accuracy and lower costs.

Key Features & Benefits

- **Ultra Easy**
 - Tamper-proof operation with one button operation
 - Intuitive LCD icons for quick decision making
 - Easy service and maintenance
- **Ultra Visibility**
 - Intuitive large dot matrix display giving clear readings
 - Smart Gas layout for clear sensor reading
 - Hole Watch Mode for quick decision making
 - IntelliFlash™ and also Reverse IntelliFlash™ for clear compliance
- **Ultra Rugged**
 - Honeycomb-designed housing for extra ruggedness
 - Protection designed in the right place
 - Scratch-resistant display protector
- **Ultra Connected**
 - Honeywell Connected Worker compatible
 - Honeywell TouchConnect™ Technology for activating a feature
 - Honeywell SafetySuite for unit configuration and reporting
- **Ultra Comfortable**
 - Ergonomically designed for easy use
 - Light yet rugged design
 - Fits in the hand for easy sampling
- **Ultra Quick**
 - Quick responding sensor technology
 - Quick decision making because large display
 - Quick bump & calibration with IntelliDoX system





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Technical Specifications

Specifications	
SIZE	5.8 x 3.3 x 1.6 in. / 14.8 x 8.5 x 4.0 cm
WEIGHT	14.5 oz. / 411 g (with clip)
OPERATING TEMPERATURE	-4 to +131° F / -20 to +50° C
HUMIDITY	5 - 95% RH (non-condensing) continuous
INGRESS PROTECTION	IP66/68
ALARMS AND TYPE	Visual, vibrating, audible (95 dB); Low, High, TWA, STEL, OL (over limit)
SELF-TEST	Activated detectors automatically perform one internal diagnostic test every 24 hours (sensors, battery, and circuitry).
TYPICAL BATTERY LIFE	18 hours (14 hours with PID or IR sensor) @ -4° F / -20° C
PUMP DRAW	Sample from up to 75 ft. / 22.9 m
CONNECTED WORKER	<ul style="list-style-type: none">• Bluetooth™ Low Energy (BLE) – Ability to connect to Honeywell's Safety Communicator App• Honeywell TouchConnect™ – Easy ability to enter Bump or Calibration mode or change Set-Points
EVENT LOGGING	30 alarm events and 10 bump events
DATA LOGGING	45 days based on 8 hour shifts every 15 seconds logging
USER OPTIONS	<ul style="list-style-type: none">• Adjust STEL period (5-15 minutes in 1 minute intervals)• Calibration span levels• Calibration interval• Bump test interval• Select combustible gases measurement: 0-100% LEL (Lower Explosive Limit) or Methane gas 0-5.0% v/v• LEL and PID correction factors• Calibration due date (1 to 365 days, or set to zero for off)• Individual sensor enable/disable• Latching alarms• Stealth mode• Languages: English, French, German, Portuguese, Spanish, Simplified Chinese and Russian
CERTIFICATIONS AND APPROVALS	 Class I, Div 1, Group A, B, C, D Class I, Zone 0, Group IIC ATEX: II 1G Ex ia IIC T4 Ga IECEx: Ex ia IIC T4 Ga  European Conformity For additional certifications, please review the manual or consult Honeywell Analytics.
WARRANTY	Instrument: 3 years Sensors: 3 years (2 years NH3, 1 year PID and Cl2) Battery: 2 years

Sensor Specifications

Gases	Standard Measuring Range	Resolution
OXYGEN (O ₂)	0-25% vol.	0.1% vol.
COMBUSTIBLE GASES (LEL)	0-100% LEL	1% LEL
COMBUSTIBLE GASES (IR)*	0-100% vol.	0.1% vol.
HYDROGEN SULFIDE (H ₂ S)	0-100 ppm	1 ppm / 0.1 ppm
CARBON MONOXIDE (CO)	0-2,000 ppm	1 ppm
CARBON MONOXIDE (LOW H ₂) (CO-H)	0-1,000 ppm	1 ppm
SULFUR DIOXIDE (SO ₂)	0-100 ppm	0.1 ppm
HYDROGEN (H ₂)	0-2,000 ppm	5 ppm
CARBON DIOXIDE (CO ₂)	0-50,000 ppm	100 ppm
AMMONIA (NH ₃)	0-100 ppm	1 ppm
VOLATILE ORGANIC COMPOUNDS (VOC) **	0-1,000 ppm	1 ppm
CHLORINE (CL ₂)	0-20 ppm	0.1 ppm
NITROGEN DIOXIDE (NO ₂)	0-50 ppm	0.1 ppm
HYDROGEN CYANIDE (HCN)	0-100 ppm	0.1 ppm
NITROGEN MONOXIDE (NO)	0-200 ppm	1 ppm

* Caution – the LEL IR combustible gas sensor option used in Honeywell BW™ Ultra cannot detect certain combustible gases including hydrogen and acetylene. The application should be reviewed to ensure the Honeywell BW™ Ultra can provide adequate detection. For more information, please contact Honeywell Analytics (www.honeywellanalytics.com).

** Please contact Honeywell Analytics for availability.



INTELLIDOX DOCKING SYSTEM
IntelliDoX combines smart-docking modules with our instrument management system to provide automated testing and record keeping.

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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