

Honeywell BW™ Ultra Multi-Gas Detector.

Extra Detection. Ultra Protection.

At Honeywell, we always put your safety where it should be - first. With Honeywell $BW^{\scriptscriptstyle\mathsf{TM}}$ Ultra, our 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.















 CO_2



SO₂



 NH_3





FEATURES & BENEFITS

- 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

- 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

Honeywell BW™ Ultra Technical Specifications

TECHNICAL 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	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	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 O, Group IIC ATEX: II 1G Ex ia IIC T4 Ga IECEx: Ex ia IIC T4 Ga C: European Conformity For additional certifications, please review the manual or consult Honeywell Analytics.		
WARRANTY	Instrument: 3 years Sensors: 3 years (2 years NH ₃ , 1 year PID and Cl ₂) Battery: 2 years		

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

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)*	0-5.00% vol.	0.01% 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

INTELLIDOX DOCKING SYSTEM

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

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 $^{{}^{**}\ \ {\}sf Please\ contact\ Honeywell\ Analytics\ for\ availability}.$