



GAS **DETECTION**

Product Overview

Honeywell

PROTECTING WORKERS EVERYWHERE

At Honeywell our key focus is on protecting workers anywhere and everywhere, ensuring that the evolution of gas detection is driven by the individuals relying on our equipment. With this in mind, we listen and refine our solutions to meet changing demands to ensure we are able to provide an added value service that meets individual requirements.



OUR MISSION IS TO SAVE LIVES EVERY DAY, IN EVERY INDUSTRY, ON EVERY CONTINENT.

With 50 years of experience in the industry, we have been influential in gas detection since the very beginning. Many of our historic products set new benchmarks for gas detection in terms of performance, ease of use and innovation. Today, our product lines have evolved to meet the requirements of diverse industries and applications, delivering comprehensive solutions designed to drive down the cost of gas detection, whilst providing enhanced safety.

INDUSTRIES SERVED

- Offshore oil and gas platforms
- Floating production storage and offloading vessels
- Tankers
- Onshore oil and gas terminals
- Refineries
- LPG bottling plants
- Gas compressor stations
- Gas and oil metering stations
- Gas turbine driven power plant
- Conventional power plant
- Paper coating and printing machines
- Distilleries
- Breweries
- Frozen food freezer and storage plant
- Pharmaceutical production plants
- Chemical production plant
- Semiconductor production facilities
- Photo voltaics manufacturing
- Industrial gases handling and storage
- Space Industry
- Aircraft storage and maintenance hangers
- Tank farms
- Communications industry
- Waste Water Treatment plant
- Chemical plants
- Boiler rooms
- Hospitals
- Tunnels / car parks



PORTABLE & WIRELESS

Honeywell Gas Detection offers a range of portable products featuring intuitive, single button operation, affordability, and incredible ease of use, helping to minimize training requirements and ongoing costs.

HONEYWELL BW™ PORTABLES



BW™ Clip

The BW™ Clip Series of single-gas detectors provides up to three years maintenance-free operation: just turn on the device and it runs continuously — no need for sensor and battery replacement or battery charging.



BW™ Solo

Honeywell BW™ Solo is an easy to service single-gas detector with BLE connectivity that provides real-time visibility into the status and safety of hazardous-area workers.



BW™ Icon/Icon+

Honeywell BW™ Icon is a fixed-life, 2-year, 4-gas detector for the gas hazards including O₂, H₂S, LEL and your choice of either CO or SO₂. Icon+ is a fully serviceable 1-4 gas detector with the same intuitive icon display.



BW™ Clip4

Honeywell BW™ Clip4 4-gas detector is wearable, easy multi-gas detection that's always on. No charging, no battery or sensor replacements, no hassle.



BW™ Flex

Serviceable portable gas detector that monitors 1-4 gas hazards simultaneously. Soon to be available will be a choice of an extended range of more than 10 different sensors, including Cl₂, NO, HCN, and others.



BW™ MicroClip

BW™ MicroClip Series The world's most popular multi-gas portable detector, delivering long runtime and reliability — plus small size, low cost and the easiest user experience. Rugged, ultra-compact, lightweight continuous monitoring of up to 4 gas hazards.



IntelliDox™

Automated instrument management system, Get more from your gas detection — with unmatched performance and customization.



BW™ Ultra

The Honeywell BW™ Ultra is a five-gas detector from Honeywell that is designed specifically for sampling and monitoring confined spaces, before and after entry.



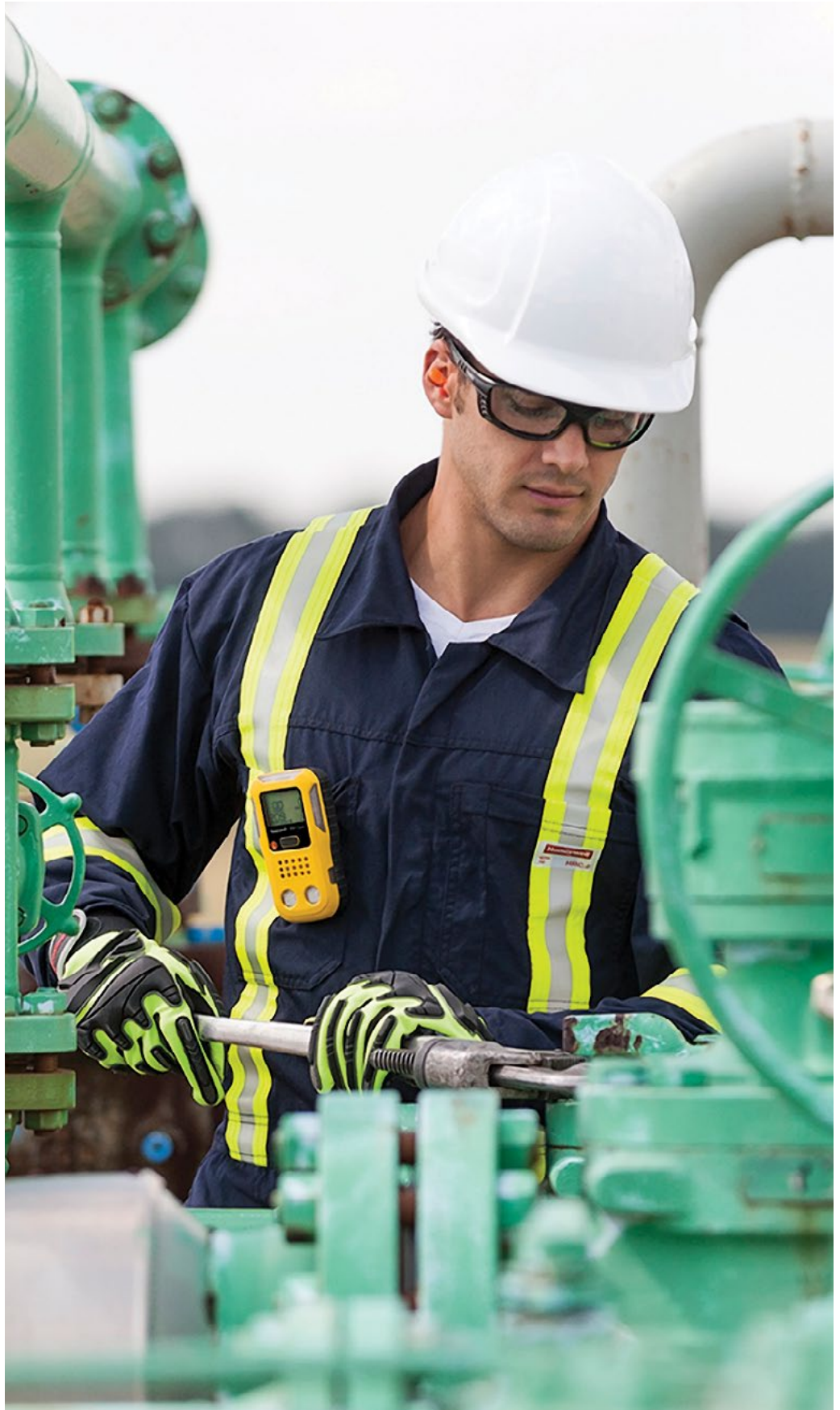
BW™ RigRat

Have confidence in your local area monitoring. Honeywell BW™ RigRat brings a new level of user-friendliness to transportable multi-gas area monitoring, so your people can work with confidence in hazardous areas. BW™ RigRat has a simple setup, offers a long runtime, is highly configurable, and comes up with up to six interchangeable gas sensors. You can control BW™ RigRat directly from your smartphone via Honeywell's Device Configurator app – choose alarm set points, view calibration records and more from up to five meters away. It works with Honeywell's remote monitoring software, Safety Suite, allowing you to see the real-time threat readings and the location of each BW™ RigRat. You also have an option to integrate a noise sensor and meteorological data sensors – to make faster and more informed safety decisions.



GasAlertMax XT II

Multi-gas detector with simultaneous monitoring of up to 4 gas hazards with a built in sampling pump.



HONEYWELL RAE



QRAE 3

A versatile, rugged, one- to four-sensor pumped or diffusion gas monitor that provides continuous exposure monitoring of oxygen (O₂), combustibles, and toxic gases, including hydrogen sulfide (H₂S), carbon monoxide (CO), sulfur dioxide (SO₂) and hydrogen cyanide (HCN) for workers and responders in hazardous environments.



MicroRAE

The MicroRAE™ is a wireless multi-gas diffusion monitor that simultaneously measures up to 4 gases, including hydrogen sulfide, carbon monoxide, oxygen and combustibles (LEL).



MultiRAE

This multi-gas monitor is versatile and customizable, while delivering real-time access to instrument readings and alarm status from any location.



ToxiRAE Pro Family

Gives safety professionals wireless access to real-time readings and alarm status from any location for better visibility and faster response.



MiniRAE Lite+

Most reliable handheld volatile organic compound (VOC) monitor in the market. Its photoionization detector (PID) range of 0 to 5,000 ppm makes it an ideal instrument for applications ranging from environmental to construction.



MiniRAE 3000+

Uses a third-generation patented PID, provides full-range measurement from 0 to 15,000 ppm and up to six months of datalogging.



ppbRAE 3000+

A comprehensive VOC gas monitor and datalogger for hazardous environments, with a 9.8 eV or 10.6 eV UV- discharge lamp.



UltraRAE 3000+

A compound-specific monitor that detects benzene from 50 ppb to 200 ppm and other VOCs from 0.05 to 10,000 ppm. In benzene-specific mode.



AreaRAE Pro

Remote visibility on more threats than ever for a new level of real-time situational awareness. AreaRAE Pro is a transportable multi-threat area monitor that simultaneously detects toxic and combustible gases, Volatile Organic Compounds (VOCs), radiation, and meteorological factors that affect the speed, direction and behavior of gas — for enhanced situational awareness. It works with Honeywell Safety Suite Premium, so you can see the realtime threat readings, alarm status, location of each AreaRAE Pro and much more — and make faster, more informed safety decisions.

AreaRAE Plus

Visibility on more gas threats than ever — all in one versatile, easy-to-use device. The AreaRAE Plus can simultaneously detect toxic and combustible gases, Volatile Organic Compounds (VOCs) and meteorological factors that affect the speed and direction of the gas — all from one versatile, transportable area monitor. It also works with Honeywell Safety Suite, so you can see the real-time threat readings and location of each AreaRAE Plus — and make faster, more informed safety decisions.



AutoRAE 2

Automatic Test and Calibration System simplifies compliance with gas monitoring tests and calibration requirements.



WIRELESS



MeshGuard

Finds the best available path to establish a self-forming, self-healing wireless network and delivers all sensor and alarm data to the controller of your choice.



RAELink 3

Portable wireless router with GPS for RAE Systems AreaRAE 2.



Mesh Router

Extends the range of wireless, up to 3 Mesh Routers can be deployed to extend the communication range between the monitors and the EchoView Host.



RAELink 3 Mesh

Commanders and safety professionals with remote access to real-time readings, alarm status and location, automatically links to RAE Systems portable gas and radiation monitors.



EchoView Host

Establish a self-contained wireless network with up to 8 RAE Systems portable monitors and display their real-time readings and alarm status on an easy-to-read screen.



EchoView

Monitor MeshGuard sensor network remotely. It displays the sensor readings of up to 16 MeshGuard detectors on a wireless network and retrieves all monitor.





RAE Point

This versatile, fixed-head wireless device can play a variety of roles in an advanced wireless infrastructure. RAEPoint can serve as a stand-alone, DC-powered, explosion-proof wireless router for a mesh network. As a remote relay, it can be configured to extend the range of the network and increase redundancy as an additional node. Separate versions are compatible with either fixed MeshGuard detectors or wireless portable detectors such as the MultiRAE and ToxiRAE Pro.



Central Hub

The Central Hub utilizes Long Range Low Power (LoRa) radio that collects the gas sensor data from Honeywell gas detectors and reports it in real-time to the Honeywell Safety Suite software solution. The Hub supports three uplink connection methods: Ethernet, Wi-Fi and Cellular and up to 64 LoRa-enabled gas detectors.



TPPLW

Touchpoint Plus wireless brings a whole new concept to the market. This product brings Honeywell closer to the Standard Operation Procedures and delivers more than just gas detection (Fixed and Wireless) with advantages consisting of weather data and fully configurable RAE Point.



SAFETY SUITE

A comprehensive solution for gas detection fleet management and worker safety monitoring

Honeywell Safety Suite offers an integrated safety ecosystem for effortless management of Honeywell portable gas detectors and docks. This all-in-one solution, powered by connected devices, analytics, and workflow automation, boosts safety, productivity, and compliance in industrial settings. Experience unified visibility, data management, and device control, ensuring worker safety in tough conditions.

Improved Safety: Safety Suite's real-time detector features such as real-time location information, geofence alerts, incident playback and detailed exposure detection allow you to remotely monitor the safety of your workers. In addition, alerts ensure the right people get critical alarms with customizable SMS and email notifications.

Increased Productivity: Minimize the time you spend on fleet management by accessing consolidated data in dashboards or reports. With Safety Suite, you can also automate maintenance tasks such as scheduled email reports, gas-detector firmware updates and data downloads to help your team manage day-to-day tasks with efficiency.

Simplified Compliance Management: Compliance management is simplified through alerts that help you manage detectors that are out of compliance. You can also ensure consistency and compliance by reviewing summaries of upcoming calibrations and bump-tests.

Deployment Flexibility: Honeywell Safety Suite is designed for how you work. It works with your existing technology, in the cloud, or on-premises, across a wide range of wireless technologies and gas-detection instruments, with the scalability and performance required for safety-critical operations.



WIRELESS SAFETY PERIMETER

Position several Honeywell BW™ RigRat monitors to form a wireless safety perimeter.



REMOTE MONITORING

Use with Honeywell remote monitoring software to see gas readings and other data from any device with an internet connection – for fast, informed decisions. Add an optional noise sensor or meteorological Honeywell sensor.



TOUCHPOINT™ PLUS COMPATIBLE

Use with the Honeywell Touchpoint™ Plus controller for visibility on Honeywell BW™ RigRat monitors and workers' personal detectors.

SAFETY SUITE PREMIUM

The Safety Suite Premium Package provides both Device Management and Real-Time monitoring capabilities that enable you to manage your gas detection fleet with minimal effort. Features such as incident playback and plume modeling help you analyze root causes and continuously improve safety procedures.

Features

- Real-time instrument reads
- Map view with worker location
- Real-time dashboard
- Incident playback
- Plume modeling with Aloha
- Live event and geo-fence notifications
- Data sharing and mutual aid

Benefits

- Reduced total cost of ownership
- Improved system monitoring
- Global oversight
- Centralized monitoring enables improved situational awareness

SAFETY SUITE DELUXE

Safety Suite Deluxe simplifies data management. The software allows you to access device data and view instrument readings as well as configure devices, update firmware, and run calibrations and bump test for paired devices.

Features

- Customizable user-defined fields and reports
- Historical data dashboard & event notifications
- Automated and Scheduled download & firmware updates
- Available for both single-drive and multi-device Operations
 - Device and sensor configuration
 - Event, calibration and bump test reporting
 - Download, store, view and export data

Benefits

- Easier device management allows you to streamline tasks
- Simplified operations through automation, notifications and reporting
- With detailed individual instrument status, one has improved compliance
- Detailed individual instrument status allows for tracking calibration and compliance needs



For more information

automation.honeywell.com

**Honeywell Process
Measurement and Controls**

2101 CityWest Blvd

Houston, TX 77042

www.honeywell.com

BW Solo, BW RigRat, XNX and Searchline Excel are trademarks of Honeywell International Inc. in the United States and other countries.

HGAS_Gas-Detection-Solutions_BRO_LTR-EN | 06/24
©2024 Honeywell International Inc.

Honeywell