

# Honeywell Gas Detection

Product Overview

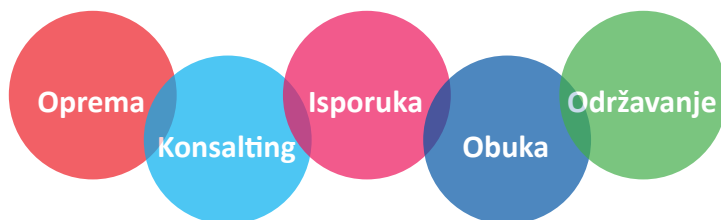






## Rešenja za Industriju i Zgrade

Izbor Opreme, Isporuka, Puštanje u Rad, Obuka, Održavanje



ISO 9001



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## Portable

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



**BW Clip Series** **NEW**  
No-maintenance single-gas device offering continuous detection; available in standard and Real Time (RT) versions and in 2 and 3 year versions



**GasAlert Extreme**  
Reliable serviceable single-gas monitoring with a wide variety of toxic gases supported



**BW Clip4** **NEW**  
Easy-to-use wearable 4-gas detector, with 2-year continuous runtime. Does not require charging, sensor or battery replacement



**GasAlertMicroClip Series** **NEW**  
Rugged, ultra-compact, lightweight, continuous monitoring of up to 4 gas hazards. Available in 2 versions, XL and X3



**GasAlertQuattro**  
Feature-rich and rugged multi-gas device with simple one-button operation to monitor up to 4 gas hazards. Flexible power options to be always ready



**GasAlertMax XT II**  
Multi-gas detector with motorised pump for remote sampling for simultaneous monitoring of up to 4 gas hazards



**MicroDock II**  
Quick, cost effective automatic bump testing of GasAlert range of portable gas detectors



**GasAlertMicro 5**  
Continuous monitoring of up to 5 gas hazards. Available in diffusion or pump versions



**GasAlertMicro 5 PID**  
Continuous monitoring of up to 5 gas hazards with a wide selection of toxic and VOC gases supported. Available in diffusion or pump versions



**GasAlertMicro 5 IR**  
Continuous monitoring of up to 5 gas hazards with a wide selection of toxic gases supported, including CO<sub>2</sub>. Available in diffusion or pump versions



**IntelliDoX** **NEW**  
Combines smart docking modules and Fleet Manager II software to provide automated instrument management for the BW Clip Series, BW Clip4 and GasAlertMicroClip Series gas detectors



**Colorimetric Gas Detection Tubes**  
For quick, on-the-spot, compound-specific measurement of a wide range of toxic and combustible gases and vapours



**SPM Flex**  
Using Chemcassette® tape technology, it is both a fixed and a portable unit; detecting ultrasensitive gases including hydrides, mineral acids and amines



# Honeywell RAE Systems

Honeywell RAE Systems offers a full line of wireless solutions, including personal, hand-held, transportable, and fixed instruments designed to meet monitoring needs in a wide range of industrial environments and applications.



### ToxiRAE Pro Family

A family of wireless, personal single-gas monitors that can reliably and accurately monitor a full range of common TICs, VOCs, combustible gases, Carbon Dioxide, and Oxygen



### QRAE 3

A wireless compact monitor for 1 to 4 gases. Its wireless communications capability enables access to real-time instrument readings and alarm status 24/7



### MicroRAE

Wireless 4-gas monitor that operates with wireless communications protocols - Bluetooth®, GPS and Wi-Fi



### AutoRAE 2

Automatic Test and Calibration System makes compliance with gas monitor test and calibration requirements as easy as pressing a button



### MiniRAE 3000

Handheld VOC monitor that uses a third-generation patented PID technology to accurately measure a high number of ionizable chemicals. It provides full-range measurement from 0 to 15,000 ppm of VOCs



### 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 can detect benzene from 50 ppb to 200 ppm and other VOCs from 0.05 to 10,000 ppm



### MultiRAE Family

The most advanced wireless portable chemical detector on the market, can be configured with more than 20 interchangeable intelligent sensors



### AreaRAE

Multi-gas, wireless monitor with embedded RAELink modem for real-time wireless communication with ProRAE Guardian



### MeshGuard

Battery operated, semi-fixed, wireless monitor for gas and gamma radiation. Simple to install and operate, can be configured for a broad range of applications and connects easily to a controller and/or wireless alarm bar



### ProRAE Guardian

Real-time gas, radiation, dust, weather, and physiological monitoring software that connects, integrates, and relays data from various wireless monitors to a centralized system



### ConneXt Pack

A turn-key wireless, portable, confined space gas detection system that provides real-time, man down alarms and alerts to atmospheric contaminants



### Safety Communicator

An Android-based mobile application and phone that enables real-time communication between a worker's personal safety instruments and a remote monitoring system



### AreaRAE Plus

Wireless, transportable multi-threat area monitor that can simultaneously monitor up to 7 threats, including VOCs, combustibles, toxics and oxygen. Designed for industrial first responders and fire brigades, with ruggedized and weather-resistant design for harsh environments\*



### AreaRAE Pro

Wireless, transportable multi-threat area monitor that simultaneously monitors up to 7 threats, including Gamma radiation, VOCs, combustibles, toxics and oxygen. Ideal for fire, military and hazmat teams, with ruggedized and weather-resistant design for harsh environments\*

## GAS TUBE & RADIATION

### Radiation



### DoseRAE 2

A compact, lightweight, direct-reading, alarming electronic personal radiation detector. It uses a diode and a scintillation crystal to detect X- and gamma radiation, and provides real-time monitoring of personal dose and dose rate



### DoseRAE Pro

A rugged, lightweight, direct reading electronic personal dosimeter that provides superior dose monitoring accuracy



### GammaRAE II R

This portable electronic radiation monitor is two instruments in one: it has the rapid, sensitive response of a detector and the accurate dose measurement of a dosimeter. It is designed specifically to meet the needs of first responders



### NeutronRAE II

A personal radiation detector (PRD) designed for first responders that provides rapid detection of both gamma and neutron sources. It has a water-resistant design and features a loud audible alarm, bright flashing LEDs, and a vibration alarm

### Gas Tube and Hand Pump



Honeywell colorimetric gas detection tubes enable quick, on-the-spot measurement of a wide range of toxic and combustible gases and vapors. Honeywell tubes are easy to read, and provide a sharp, clear color change directly corresponding to the concentration of gas present. Honeywell tubes are compatible with the Honeywell piston hand pump, a reliable way to draw samples of an exact volume required for the most accurate measurements.



\*Contact Honeywell for availability



## Fixed

Our range of fixed gas detection equipment features a variety of options suited to all types of applications and industries.



**RAEGuard 2 PID**  
Fixed photoionisation detector (PID) that measures a broad range of volatile organic compounds (VOCs)



**MeshGuard**  
Networkable wireless gas monitoring solution designed for quick deployment in areas where low cost/high ROI solutions are required



**XNX Universal Transmitter**  
A universal transmitter compatible with all Honeywell Gas Detection gas sensor technologies



**Series 3000 MkII and MkIII**  
2-wire loop powered toxic and Oxygen gas detectors for use in potentially explosive atmospheres



**Searchline Excel**  
World renowned open path IR detector with 200m dynamic monitoring range



**Sensepoint XCD**  
Flammable, toxic and Oxygen transmitter and sensor with tri-colour display for viewing status from a distance



**Sensepoint XCD RFD**  
A flammable gas transmitter for use with remotely mounted flammable gas sensors



**Sensepoint XCD RTD**  
A gas transmitter for use with directly or remotely mounted toxic and Oxygen gas sensors



**Optima Excel Local Display (OELD)** NEW  
Smart junction box for the Searchpoint Optima Plus and Searchline Excel infrared detectors for flammable hydrocarbons



**Searchpoint Optima Plus**  
Market leading point IR detector with 100 gases available. Optional HART® over 4-20mA output



**Sensepoint XCL** NEW  
Bluetooth®-enabled single-gas detector with a wide variety of toxic gases supported. Allows for quick installation, commissioning and reporting from a smartphone\*



**Sensepoint XRL** NEW  
Bluetooth®-enabled single-gas detector that monitors a wide range of toxic gases, combustible gases and Oxygen. Allows for quick installation, commissioning and reporting from a smartphone\*



**Sensepoint High Temperature Sensor**  
Ideal for combustible gases in high temperature areas



**XPT Gas Sampling System** NEW  
Designed to measure the concentration of toxic and potentially explosive substances in locations where access is difficult. Supports up to 2 channels that can be configured serial or parallel



**Sensepoint Range**  
ATEX certified flammable, toxic and Oxygen gas detectors

\*Contact Honeywell for availability



# Controllers

Our selection of controllers offer flexibility and a modular approach that allows you to meet the individual requirements for your specific site.



**Touchpoint Plus** **NEW**  
An easily configurable, wall-mounted control system that supports up to 16 gas detection channels



**Touchpoint Pro** **NEW**  
The most flexible and versatile gas and logic control system on the market



**Unipoint**  
DIN rail mounted controller offering flexibility at low-cost

# Fire and Flame

Our range of fire and flame detectors provides a variety of options suited to diverse applications and industries.



**FS24X**  
Multi-Spectrum QuadBand Triple IR Fire and Flame Detectors with the highest fire detection performance and optimal false alarm rejection



**FS20X**  
Multi-Spectrum UV/Dual IR/VIS Fire and Flame Detector with UV solar-blind sensor



**FS7**  
Electro-Optical Fire and Flame Detector specifically for semiconductor clean room fire protection applications



**FSL100**  
A range of Light Industrial/Commercial Flame Detectors enabling coverage of fire hazard areas across many applications, both indoors and outdoors. Available in 3 versions - UV, UVIR and IR3

# Residential



Residential properties are susceptible to toxic and flammable gas hazards and our range of gas detection solutions offers protection and peace of mind in the home, on holiday or whilst undertaking leisure activities such as caravanning.



**X-Series CO Range**  
Battery powered CO alarm range offers a 7 or 10 year maintenance-free lifetime. Three models provide different display options designed to enhance safety in critical situations, including a patent pending alarm evacuate visual indication



**SF340 Series**  
A range of reliable, hard-wired CO alarms with battery backup



**HF500**  
Hard-wired flammable gas alarms for the detection of Natural Gas/Methane and LPG (Liquefied Petroleum Gas)



**Ezsense**  
A pen shaped portable flammable gas detector ideal for the detection of hazards from pipes, fittings, valves and hot water heaters



## Hi-Tech

For semiconductor fabs, photovoltaics manufacturing, laboratories and other applications such as foaming facilities and aerospace where low levels (ppb) of toxic and flammable gas need to be detected.



### SPM Flex

Using Chemcassette® tape technology, it is both a fixed and a portable unit; detecting ultrasensitive gases including hydrides, mineral acids and amines



### ACM 150

Versatile and sensitive detection of up to 40 points with many gases available



### Vertex M

Cost effective, 8-24 point toxic gas monitoring with physical evidence of a leak



### Vertex™

Flexible device providing continuous monitoring of up to 72 points



### Satellite XT

Small and compact toxic gas detection transmitter with a wide range of sensors



### Midas®

Sensitive detection using smart sensor cartridges and Power over Ethernet (PoE)



### Chemcassette®

Calibration free toxic gas detection with physical evidence of a leak



### LeakFilm

Liquid leak detection system that uses unique liquid-sensing film that can be networked into broader building alarm systems





## Technical Services and Support

At Honeywell Industrial Safety, we put our customers first. We believe in delivering end-to-end customer service and support, which means every customer gets the help they need, when they need it.

Our full range of service and support options includes:

- Commissioning
- Ongoing care of your equipment
- Rapid response and support when you need it
- Training

When you work with Honeywell, you also get our in-house expertise:

- Certifications and standards team
- Application specialists experienced in your industry, applications and processes
- Quality assurance teams
- Centralised customer support
- Local customer support
- Product management teams
- Bespoke engineering teams
- Expert trainers

**TO FIND OUT MORE**  
about our service, support  
and training options,  
please contact us at:

**[HAexpert@honeywell.com](mailto:HAexpert@honeywell.com)**



# Integrated Gas and Fire Safety Solutions

UNICOM was founded in 1996 as result of Honeywell company's desire for continual presence in domestic Industrial Measurement and Control and HVAC equipment and solution market sector. At the outset our main focus was on equipment sales. Subsequently, due to customers demand and our developed expertise, our business became more focused on system integration.

Through best practice we have sustained our rapid growth and have invested in our business capability by recruiting, industry best, experienced engineers who fully understand this critical area of safety supply. Today through our integral engineering expertise we have the ability to customise any system to perfectly match customer's requirements. In this way we demonstrably provide genuine support to major contracting project teams during feasibility, conceptual design, detailed design engineering, build and commissioning.

UNICOM management gives high priority and approves major investment in local and international certification Standards. We are keenly aware of our customers needs and our systems are supplied fully certified. In addition, utilising our own quality engineers, we continuously review Standards to ensure our complete and continuing updating and compliance with the current legislation. UNICOM is a partner and official system integrator of Honeywell Analytics.

Honeywell Analytics's gas detection sensors and systems accommodate most applications and are designed to operate in hazardous environments. These products and systems are of modular design providing for a flexible approach. They are built with the best quality components and provide for the highest level of safety, reliability and protection.

UNICOM Services:  
Site Surveys  
Feasibility Studies  
Engineering Design  
System Architecture Design  
Assembly & Test FAT & SAT  
Commissioning & Start Up  
Customized Training Courses  
After Sales Site Support  
Maintenance Contract



Links:  
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[www.gasmonitors.com](http://www.gasmonitors.com)



UNICOM Partners:

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## Integrated Gas and Fire Safety Solutions

You can reduce costs and increase plant performance and efficiency when you integrate gas monitors and flame detectors into a plantwide safety system.

ISO 9001:2008 HART ATEX CE Gost R SIL Fondation Fieldbus Modbus OPC LON BACnet Niagara



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