Product Overview
With 50 years 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.

Served Industries:
- 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 Plants
- Hospitals
- Tunnels/Car Parks and many more
At Honeywell Analytics our key focus is our customers. We believe that the evolution of gas detection should be driven by the people using our equipment, rather than engineers deciding the needs of industry. With this in mind, we listen to what our customers want, refine our solutions to meet changing demands and we grow as our customers grow to ensure we are able to provide an added value service that meets individual requirements.

Honeywell’s mission is to save lives every day, in every industry, in every continent.
Honeywell Gas Detection offers a range of portable products featuring intuitive, single button operation, affordability and incredible ease of use, helping to minimise training requirements and ongoing costs.

**Portable and Wireless**

**BW Technologies by Honeywell**

- **GasAlertQuattro**
  Feature rich multi-gas device with simple one-button operation

- **GasAlert MicroClip XL**
  Rugged, ultra-compact, lightweight continuous monitoring of up to 4 gas hazards

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

- **IntelliDox**
  Automated instrument management system. Get more from your BW Clip — with unmatched performance and customization

- **GasAlertMax XT II**
  Multi-gas detector with simultaneous monitoring of up to 4 gas hazards

- **GasAlert Micro 5**
  Continuous monitoring of up to 5 gas hazards at an attractive price point

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

- **FleetManager**
  Simple data storage and analysis, allow user to manage datalogs, configure detectors, generate reports and email alert, and share information
RAE SYSTEMS by Honeywell

ToxiRAE II
Single-gas personal protection, a simple-to-use one-button instrument.

QRAE II
Full-featured, compact, compliance monitor for oxygen, combustibles, hydrogen sulfide, and carbon monoxide.

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.

AutoRAE Lite
A high-speed, low-operation-cost bump test and calibration station.

ToxiRAE 3
Full-featured single-gas monitor with STEL, TWA, high, and low alarms.

QRAE 3
A wireless compact monitor for one to four gases wireless, can deliver real-time instrument readings and alarm status 24/7.

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. In benzene-specific mode.

ToxiRAE Pro Family
Safety professionals wireless access to real-time readings and alarm status from any location for better visibility and faster response.

MultiRAE Family
The most advanced wireless portable chemical detector on the market, can be configured with more than 30 intelligent sensors.

ppbRAE 3000
A comprehensive VOC gas monitor and datalogger for hazardous environments, with a 9.8 eV or 10.6 eV UV-discharge lamp.

AutoRAE 2
Automatic Test and Calibration System makes compliance with gas monitor test and calibration requirements.

ToxiRAE II
Single-gas personal protection, a simple-to-use one-button instrument.

ToxiRAE III

AutoRAE Lite
A high-speed, low-operation-cost bump test and calibration station.

AutoRAE 2
Automatic Test and Calibration System makes compliance with gas monitor test and calibration requirements.

Honeywell

ToxiPro®
A durable, high performance portable unit designed to offer single gas detection in tough environments.

MultiPro™
A flexible, robust device designed to detect up to four gas hazards simultaneously (CO, O₂, H₂S and flammable gases).

PHD6™
A 6 gas detector for challenging environments where PID is required.

Impact Range
High specification device capable of monitoring four gases simultaneously.

ToxiPro IQ Express Docking Station
A docking solution for ToxiPro® that simplifies fleet management and offers bump testing, calibration and datalogging.

MultiPro IQ Express Docking Station
The MultiPro™ IQ Express™ is a docking solution that simplifies fleet management and offers bump testing, calibration and datalogging.

IQ6 Docking Station
A docking solution for PHD6™ that simplifies fleet management and offers bump testing, calibration and datalogging.

Enforcer
Quick, automatic calibration of Impact Pro for the cost of a bump test.

MiniMax XT
A single gas detector with two-year, always-on operation, durable IP67 casing and Real Time display option.

MiniMax XP
A single gas detector with advanced, full feature functionality, user configurability with replaceable sensor.

MiniMax X4
An easy to use personal gas detector, designed for monitoring the atmosphere for potentially hazardous levels of CO, O₂, H₂S and flammable gases.
Wireless

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

**MeshGuard**
2-point field calibration, and the sensor, filter, and battery are easy to replace. All sensor and alarm data are wirelessly transmitted to a remote base station.

**RAELink 3**
Communicate sensor data and GPS coordinates to a command center’s PC running ProRAE Guardian Software up to 2 miles (3 km) away.

**RAEMesh Reader**
Receives data wirelessly from remote detectors, and pushes data to ProRAE Guardian software, and data directly to a PC via RS232, or to a remote PC via Ethernet.

**EchoView Host**
Establish a self-contained wireless network with up to eight 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 data.

**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.

Gas Tube & Radiation

**DoseRAE 2**
DoseRAE 2 is 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**
DoseRAE Pro is a rugged, lightweight, direct-reading electronic personal dosimeter that provides superior dose monitoring accuracy.

**GammaRAE II R**
The GammaRAE II R 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. The GammaRAE II R contains two separate sensors.

**NeutronRAE II**
The NeutronRAE II is a gamma and neutron Personal Radiation Detector (PRD) designed for first responders. It is the first immersible, rapid detector of gamma and neutron sources.

**miniDOSE**
The miniDOSE is an easy-to-use electronic personal dosimeter that records X-ray and/or Gamma radiation dose accumulated every day with built-in datalogging and micro-USB communication to a computer.

**GammaRAE II**
The GammaRAE II R 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. The GammaRAE II R contains two separate sensors.

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The NeutronRAE II is a gamma and neutron Personal Radiation Detector (PRD) designed for first responders. It is the first immersible, rapid detector of gamma and neutron sources.

**miniDOSE**
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**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.
# ConneXt Solution Comparison Chart

<table>
<thead>
<tr>
<th>Solutions</th>
<th>ConneXt PACK</th>
<th>ConneXt PLUS</th>
<th>ConneXt PRO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overview</strong></td>
<td>Real-time Connectivity with Deployable, Ease-of-use Rapidly Deployable, turn-key Operation</td>
<td>Versatile Options, Customized to Match Your Needs</td>
<td>Most Comprehensive Features, including Exclusive Options</td>
</tr>
<tr>
<td><strong>Used for</strong></td>
<td>TEAM</td>
<td>ZONE and/or Group</td>
<td>FACILITY-WIDE</td>
</tr>
<tr>
<td><strong>Used During</strong></td>
<td>Select applications</td>
<td>Maintenance Projects, Emergency Response, Emissions Monitoring, IH Sampling</td>
<td>Available for ALL Activities Facility-Wide, Including Daily Operations</td>
</tr>
<tr>
<td><strong>Usage Examples</strong></td>
<td>Worker health status monitoring during confined space entry</td>
<td>Leak detection, confined space entry, emergency response, hot works during refinery turnaround</td>
<td>All ConneXt Plus applications plus fence line monitoring, asset protection &amp; chronic health issues</td>
</tr>
<tr>
<td><strong>Real Time Monitoring Points</strong></td>
<td>8</td>
<td>64</td>
<td>200</td>
</tr>
<tr>
<td><strong>Location Tracking</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>3rd Party System Integration</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Wireless Infrastructure</strong></td>
<td>Temporary Closed loop w portable controller (Stand Alone)</td>
<td>Temporary Portable wireless modems (Networkable)</td>
<td>Permanent Fixed access points (Always On, Always Ready)</td>
</tr>
</tbody>
</table>
Our range of fixed gas detection equipment features a variety of options suited to all types of application and industries.

## Gas Detection

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

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

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

**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

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

**Searchpoint Range**
Low cost range of flammable, toxic and Oxygen gas detectors

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

**Sensepoint XCD RFD**
2-wire loop powered toxic and Oxygen gas detectors for use in potentially explosive atmospheres

**Sensepoint XCD RTD**
A gas transmitter for use with directly or remotely mounted flammable gas sensors

**HALO LED Junction Box with optional HART® Port**
For use with Searchpoint Optima Plus delivering a local display and visual device status. Non-intrusive interaction with the HART® enabled model variant

**RAEguard 2 PID**
The RAEguard 2 PID is a fixed photoionization detector (PID) that measures a broad range of volatile organic compounds (VOCs).

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

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

- **System 57** - Precision controller accepting inputs from toxic, flammable, Oxygen, flame, smoke and heat
- **Touchpoint Plus** - Easily configurable, wall mounted control system that supports up to eight channels of gas detection
- **Touchpoint Pro** - The most flexible architecture on the market, Centralised or distributed configurations, or a bit of both – it’s your choice
- **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
- **SS4** - Leading edge UV and UVIR Electro-Optical Digital Fire and Flame Detectors
- **SS2** - Multi-Spectrum Digital Electro-Optical Flame Detectors with ultra-high speed responses to explosive fires
- **SS7** - Electro-Optical Fire and Flame Detector specifically for semiconductor clean room fire protection applications
- **SS10** - Multi-spectral digital electro-optical infrared fire detector specifically for liquid and powder coating applications

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** - Next-generation CO detector features three variants, XC70 (seven year warranty), XC100 (ten year warranty and unique alarm messaging) and XC100D (ten year warranty and LCD)
- **e’sense** - A pen shaped portable flammable gas detector ideal for the detection of hazards from pipes, fittings, valves and hot water heaters etc
- **HF500** - Hard-wired flammable gas alarms for the detection of Natural Gas/Methane and LPG (Liquefied Petroleum Gas)
- **SF340 Series** - A range of reliable, hard-wired Carbon Monoxide alarms with battery backup

Safely and Easily !
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.

**Vertex M**
Cost effective, 8-24 points of continuous toxic gas monitoring, ppb level detection using Chemcassette® technology

**Satellite XT**
Small and compact toxic gas detection with a wide range of sensors

**CM4**
Cost effective, low maintenance, 4 point analyzer, continuous toxic gas monitoring, ppb level detection using Chemcassette® technology

**SPM Flex**
Portable gas detector engineered to detect gas at ppb levels, with an intuitive design, suitable for clean rooms, yet rugged enough to withstand extreme outdoor environments

**Vertex**

**Vertex**
Fully redundant system providing ultimate safety for mission critical applications, up to 72 points of continuous toxic gas monitoring, ppb level detection using Chemcassette® technology

**Sat-Ex**
Comprehensive monitoring of corrosive, combustible and toxic gases in potentially explosive atmospheres

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

**Chemcassette®**
Calibration free toxic gas detection with physical evidence of a leak

**CM4**
Sensitive detection using smart sensor cartridges and Power over Ethernet (PoE)

**FAAST**
Patented dual-sensing, high-sensitivity, early aspiration smoke detector, designed to protect mission-critical facilities from downtime and smoke and fire damage

**FAAST XT**
FAAST XT is a large coverage area aspirating smoke detector which utilizes unique two light sensing technology to provide high sensitivity to smoke, with increased resistance to nuisance conditions, designed to protect mission critical facilities from downtime and smoke and fire damage

**FAAST**
Patented dual-sensing, high-sensitivity, early aspiration smoke detector, designed to protect mission-critical facilities from downtime and smoke and fire damage

**LeakFilm**
Fast responding, innovative design for flexible installation, user-friendly technology for liquid leak detection

**ACM 150**
Versatile and sensitive detection, utilizing FTIR technology, up to 40 points with extensive gas library
We offer a comprehensive range of gas monitoring instrumentation for commercial buildings. Honeywell Analytics is focused on delivering maximum safety and cost efficiency.

**Commercial**

**IAQPoint2**
Improve indoor air quality and cut energy costs with CO₂ or VOCs, temperature and humidity monitoring for demand control ventilation.

**301EM-20**
The complete solution for mechanical rooms. Monitor up to 20 sensors for refrigerant, toxic and combustible gases.

**IR-F9**
Protect the environment while protecting your bottom line — with precise infrared refrigerant gas sensing solutions.

**E³Point**
Make your operation run more intelligently to protect people, property and your bottom line. Protect parking structures, indoor stadiums, commercial kitchens and more.

**SON8x**
For the monitoring of wide variety of refrigerants or other toxic and explosive gases in a surveillance area of up to 8 different zones by the sample draw gas detection system.

**EC-FX**
A new and improved approach to ammonia gas detection

**301C**
Gas detection controller offering unique zoning capabilities which permit the averaging and comparison of multiple sensor readings.

**LeakFilm**
Fast responding, innovative design for flexible installation, user-friendly technology for liquid leak detection.

**Vent Line**
Continuously monitor for potential leaks in the vent lines of refrigeration systems.

**ToxyPoint**
The two-wire transmitter provides maintenance-free continuous monitoring for carbon monoxide.

**SQN8x**
For the monitoring of wide variety of refrigerants or other toxic and explosive gases in a surveillance area of up to 8 different zones by the sample draw gas detection system.

**301EM-20**
The complete solution for mechanical rooms. Monitor up to 20 sensors for refrigerant, toxic and combustible gases.

**IR-F9**
Protect the environment while protecting your bottom line — with precise infrared refrigerant gas sensing solutions.

**AirAlert 96d**
Multi-channel gas detection controller that can support up to 96 sensors and relay modules. Durable enclosure ideal for industrial and commercial applications.
Honeywell Analytics Lines of Business

Commercial
Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance.
» Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial
Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies.
» Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial

Portables
Single or multi-gas detectors ranging from compact, lightweight designs for personal protection to systems-based, networkable instrumentation for industrial hygiene.
» Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets

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High Tech/Government
Reliable gas and chemical detection including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion.
» Applications: semiconductor manufacturing, aerospace propulsion, specialty chemicals industry, research laboratories, emergency response

Technical Services
24/7 global network includes post-sales service and Systems Integration teams.
» Emergency call out, service contracts, on/off-site repair, training and commissioning
» Complete range of spares, consumables and accessories

Please Note:
While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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