

# GasAlert EXTREME

H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, PH<sub>3</sub>, Cl<sub>2</sub>, NH<sub>3</sub>, NO<sub>2</sub>, HCN, ETO, ClO<sub>2</sub>, O<sub>3</sub>, NO

**BW**  
Technologies  
by Honeywell

## Single Gas Detector



ACTUAL SIZE

**Water  
Resistant**  
IP 66/67

Designed for the most adverse conditions, the GasAlert Extreme single gas detector offers a wide range of user selectable options, a replaceable battery and can monitor a variety of toxic hazards. The GasAlert Extreme is compatible with BW's MicroDock II automatic test and calibration system.

### Protect Yourself

- △ Continuous LCD shows real-time gas concentration with backlight in low-light (auto and on demand); in alarm (auto)
- △ Rugged, IP66/67 highly water-resistant design
- △ Built-in concussion-proof boot
- △ Small size (1.1 x 2.0 x 3.75 in. / 28 x 50 x 95 mm) and lightweight (2.9 oz. / 82 g)
- △ Provides 95 dB tone and bright LED indication on alarm (typical)
- △ Internal vibrating alarm
- △ 2-year battery life (typical) with replaceable 3V camera battery
- △ Equipped with plug-in, replaceable sensor
- △ Simple auto zero and calibration procedure
- △ Peak value displayed on command (in ppm or % vol)
- △ LOW, HIGH, TWA and STEL alarms with adjustable setpoints
- △ Multiple language and datalogging options available
- △ Classified intrinsically safe by UL to U.S. and Canadian standards; ATEX certified; IECEx scheme
- △ Full function self-test of: sensor, battery, and circuitry integrity
- △ Stainless steel alligator clip, test cap and hose, battery and instructions in local languages included



ATEX



and  
others

### Ordering Information

#### GasAlert Extreme Detectors

GAXT-H	H <sub>2</sub> S	GAXT-M	CO	GAXT-X	O <sub>2</sub>
GAXT-S	SO <sub>2</sub>	GAXT-C	Cl <sub>2</sub>	GAXT-Z	HCN
GAXT-D	NO <sub>2</sub>	GAXT-A	NH <sub>3</sub>	GAXT-P	PH <sub>3</sub>
GAXT-E	ETO	GAXT-V	ClO <sub>2</sub>	GAXT-G	O <sub>3</sub>
GAXT-N	NO	GAXT-H-2	H <sub>2</sub> S (High range)		
GAXT-M2	CO (Low sensitivity to H <sub>2</sub> )				
GAXT-A2	NH <sub>3</sub> (High range)				

#### Multi-Language

Add the suffix "-ML" (e.g. GAXT-H-ML for H<sub>2</sub>S model)

#### Datalogging and Multi-language\*

Add the suffix "-DL" (e.g. GAXT-D-DL for NO<sub>2</sub> model)

#### GasAlert Extreme SamplerPaks

Includes GasAlert Extreme detector with Sampler motorized pump, 10 ft. / 3 m sampling hose and two sampling tubes in a carrying case.

GAXT-(x)-SK GasAlert Extreme SamplerPak

GAXT-(x)-SKC\*\* GasAlert Extreme SamplerPak with charger/battery kit

\*\* Note: Add suffix for delivery with 220 VAC charger:

Europe: -EU United Kingdom: -UK Australia: -AU

#### MicroDock II Automatic Test and Calibration System

DOCK2-2-1D-00 Base station and GasAlert Extreme docking module

DOCK2-0-1D-00 GasAlert Extreme docking module

#### Accessories and Spares

GA-USB2\* Infrared DataLink USB adapter for datalogging versions

GA-TS03 Automatic test station

GA-HC-1 Hard hat clip

GA-AG-1 Alligator clip (non-conductive)

GA-BALERT Concussion-proof boot

GA-SS Sensor screen (kit of 10)

GA-CDT-1 Interactive Training CD

\* Download of datalogged information requires use of highspeed IR USB adapter or MicroDock II. Receive a GA-USB2 at no charge when you purchase 10 or more datalogging GasAlert Extreme detectors

**ISO**  
ISO9001:2000  
Registered

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

e-mail: [info@bwt.net](mailto:info@bwt.net)

# GasAlert Extreme

H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, Cl<sub>2</sub>, HCN, NO<sub>2</sub>, NH<sub>3</sub>, PH<sub>3</sub>, ETO, ClO<sub>2</sub>, O<sub>3</sub> or NO

## Single Gas Detector

Compact and affordable the GasAlert Extreme detectors are available for a wide variety of atmospheric hazards. The GasAlert Extreme is highly water-resistant, with an IP66/67 fully immersible, EMI / RFI resistant housing, built-in concussion-proof boot, and heavy-duty, stainless steel, alligator style belt-clip. An extra-loud audible alarm, flashing LED light bars, and internal vibrator alerts users to hazardous conditions. The large, easy-to-read display includes a built-in backlight that ensures readings are legible even in dim light conditions. An easy to change 3V camera battery provides up to two years of continuous operation.

The GasAlert Extreme clearly advises the gas hazard present—Low, High, TWA and STEL gas alarm. Recorded TWA, STEL and peak exposures can be displayed on demand.

GasAlert Extreme detectors are available with optional datalogging and multi-language support. Datalogging detectors include a built-in IR COM port for automatic data transfer to a computer or MicroDock II docking station module. No wires necessary!

The GasAlert Extreme continues the proud BW Technologies by Honeywell product tradition of cutting-edge features, trouble-free operation, durability, and the LOWEST cost of ownership of any single-gas detector on the market today.



### For further information:

1-888-749-8878 USA  
 1-800-663-4164 Canada  
 +44 (0)1295 700 300 Europe  
 +33 (0) 442 98 17 70 France  
 +971-4-8871766 Middle East  
 +61-3-9464-2770 Australia  
 +86 10 6786 7305 China  
 +65 6748 4915 South East Asia  
 +1-403-248-9226 Other Countries

### Corporate Headquarters

2840 - 2 Avenue S.E.  
 Calgary, AB, Canada T2A 7X9  
 Phone: 1-403-248-9226  
 Fax: 1-403-273-3708

E-mail: info@bwnet.com  
 www.gasmonitors.com

## SPECIFICATIONS

DETECTOR: Single-gas detector

GasAlert Extreme for:	Measuring Range	Alarm Setpoints <sup>1</sup> (Factory defaults are shown. Alarm levels are field-adjustable.)				Relative Humidity non-condensing	Operating Temperature
		TWA Alarm	STEL Alarm	Low Alarm	High Alarm		
Hydrogen Sulfide (H <sub>2</sub> S)	0-100 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	-40 to +50 °C -40 to +122 °F
Hydrogen Sulfide (H <sub>2</sub> S)	0-500 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	
Sulfur Dioxide (SO <sub>2</sub> )	0-100.0 ppm	2.0 ppm	5.0 ppm	2.0 ppm	5.0 ppm	15-90	
Hydrogen Cyanide (HCN)	0-30.0 ppm	4.7 ppm	10.0 ppm	4.7 ppm	10.0 ppm	15-90	-30 to +50 °C -22 to +122 °F
Carbon Monoxide (CO)	0-1000 ppm	35 ppm	200 ppm	35 ppm	200 ppm	15-90	
Carbon Monoxide (CO) (Low H <sub>2</sub> sensitivity)	0-1000 ppm	35 ppm	200 ppm	35 ppm	200 ppm	15-90	
Ammonia (NH <sub>3</sub> ) (High range)	0-400 ppm	25 ppm	35 ppm	25 ppm	50 ppm	15-90	-20 to +40 °C -4 to +104 °F
Ammonia (NH <sub>3</sub> )	0-100 ppm	25 ppm	35 ppm	25 ppm	50 ppm	15-90	
Chlorine (Cl <sub>2</sub> )	0-50.0 ppm	0.5 ppm	1.0 ppm	0.5 ppm	1.0 ppm	10-95	-20 to +50 °C -4 to +122 °F
Nitrogen Dioxide (NO <sub>2</sub> )	0-100 ppm	2.0 ppm	5.0 ppm	2.0 ppm	5.0 ppm	15-90	
Phosphine (PH <sub>3</sub> )	0-5.0 ppm	0.3 ppm	1.0 ppm	0.3 ppm	1.0 ppm	15-90	
Ethylene Oxide (ETO)	0-100.0 ppm	1.0 ppm	5.0 ppm	1.0 ppm	5.0 ppm	15-90	
Chlorine Dioxide (ClO <sub>2</sub> )	0-1 ppm	0.1 ppm	0.3 ppm	0.1 ppm	0.3 ppm	15-95	
Ozone (O <sub>3</sub> )	0-1 ppm	0.1 ppm	0.1 ppm	0.1 ppm	0.2 ppm	15-90	
Nitric Oxide (NO)	0-250 ppm	25 ppm	25 ppm	25 ppm	25 ppm	15-90	
Oxygen (%by vol.) (O <sub>2</sub> )	0-30.0%	N/A	N/A	19.5 %	22.5 %	0-99	

- Auto-zero: Yes
- Calibration: Automatic
- Backlight: Low-light (auto and on demand); alarm condition (auto)
- Full function self-test: Verifies integrity of sensor, circuitry and battery; audible/visual alarms
- Sensor: Plug-in, electrochemical cell (temperature compensated)
- INDICATORS AND ALARMS:** Clearly advises alarm levels both visually and audibly
- Visual alarm: Flashing, wide-angled alarm lens with 4 red LEDs, plus alarm LCD readout
- Audible alarm: High-output, pulsing 95 dB at 1 ft / 0.3 m (typical)
- Confidence beep: Every 5 seconds (field-selectable on/off)
- Other: Low battery; off warning; sensor fail
- Vibrator Alarm Standard: Vibrates in sync with audible and visual alarms
- CONTINUOUS LCD DISPLAY:** Alphanumeric gas readout and status display advises:
  - Gas ppm or %: Continuously displays gas concentration present
  - TWA and STEL ppm or %: Records and displays on demand
  - Peak ppm or %: Records and displays peak (maximum) exposure to gas on demand
  - Setpoints: Displayed on activation (auto) and after calibration in ppm or %
- TESTS:**
  - Full function self-test: Full function self-test on activation (auto)
  - Battery: Continuous (auto)
- GENERAL SPECIFICATIONS:** Rugged composite material with integral concussion-proof boot
  - IP Rating: Highly water resistant IP66/67 housing
  - EMI/RFI: Complies with EMC Directive 89/336/EEC
  - Battery type: 3-volt lithium (Energizer CR2 camera battery)
  - Battery life: 2 year battery life (typical) with replaceable 3V battery
  - Size: 1.1 x 2.0 x 3.75 in. / 28 x 50 x 95 mm
  - Weight: 2.9 oz. / 82 g
- EVENT LOGGING:** Records and transmits up to 10 gas alarm events
- Event information: Gas type, peak exposure level (ppm or %vol); alarm duration in minutes and seconds; time elapsed since the alarm occurred in days, hours and minutes
- Transmission method: Via infrared port to USB PC adapter
- DATALOGGER OPTIONS:** User-downloadable datalogger
  - Data recorder: All events and occurrences
  - Sampling rate: Factory set at 5-second intervals and user-settable from 1 to 60-second intervals
  - Storage: Up to 8 months of continuous data at 5 second intervals (based on a normal work week). When full, wraparound memory feature replaces oldest data with most recent data
- WARRANTY:** 2 years including sensor, except NH<sub>3</sub> (one year)

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

\*RATINGS AND CERTIFICATIONS:  
 (Intrinsic safety)

Class I, Div. 1, Gr. A, B, C, D  
 American Bureau of Shipping

ATEX: CE II 1 G EEx ia IIC T4  
 IECEx: Ex ia IIC T4



- 1 LARGE, ALPHANUMERIC DISPLAY
- 2 ADVANCED, MICRO CONTROLLER-BASED OPERATION
- 3 ELECTROCHEMICAL SENSOR
- 4 BRIGHT, WIDE-ANGLED, VISUAL ALARM BAR
- 5 HIGH-OUTPUT, 95 dB AUDIBLE ALARM (TYPICAL)
- 6 AUTO-ZERO/AUTO-SPAN
- 7 AUTO BACKLIGHT
- 8 LOW, HIGH, TWA AND STEL ALARMS
- 9 RUGGED, COMPACT, LIGHTWEIGHT



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