

G8

PORTABLE GAS DETECTOR

GAS DETECTION REDEFINED

When hazardous gases are present, there's no room for uncertainty.

G8 delivers advanced gas detection in a rugged, intrinsically safe device designed to perform in the most demanding environments.

With swappable cartridges and coverage with 20+ sensors for virtually any gas your team may encounter, G8 provides reliable protection without slowing work down.

And with real-time alerts, built-in radio communication, and direct-to-cloud data, G8 is more than a device. It's a complete connected gas detection solution designed to help teams respond faster and build a culture that's safer, more productive, and ready for the future.

CONNECTED SAFETY PLATFORM



“With the data we’re able to collect, track and analyze, we can respond and adapt quickly if there’s a risk of gas exposure, and look back to take steps to mitigate that risk in the future.”

— CEO, Leading Waste Management Company

MORE THAN JUST A WEARABLE



G8 PORTABLE GAS DETECTOR

BLACKLINE LIVE SOFTWARE AND ANALYTICS

24/7 LIVE MONITORING

Connected Gas Detection

- ✓ **Gas detection** for up to five gases simultaneously, choosing from 20+ sensors, with optional pump to easily switch between pre-entry and continuous monitoring.
- ✓ **Real-time alerts** for time-weighted average (TWA), short-term exposure limit (STEL), high/low gas levels, bump tests, calibrations, falls, no-motion, missed check-ins, proximity-based events, and silent and emergency SOS.
- ✓ **Configurable alert thresholds** to align with site policies, regulatory requirements, and job-specific risk profiles.
- ✓ **Direct-to-cloud data streaming** to Blackline Live software.
- ✓ **Dock** for easy calibrating, bump testing and charging, with no complicated ethernet or Wi-Fi connections required.

Shift from reactive to proactive safety

- ✓ **Automated reporting** with Blackline Analytics provides interactive insights that show if safety devices are being worn, turned on, and up to date for easier compliance management.
- ✓ **Sensor readings** to monitor the latest gas data, spot elevated readings sooner, and respond faster.
- ✓ **ZoneAware™** to draw site-specific areas and see who is in each zone, spot bottlenecks, and save time during muster drills.
- ✓ **Historical trend data** on gas leaks and exposures supports incident investigation, root cause analysis, and continuous improvement of gas safety practices.

Human-to-human communication

- ✓ **Emergency Voice** where a real person checks in when an alert is triggered and sends immediate help if needed.*
- ✓ **Push-to-Talk** works just like a two-way radio, using a dedicated button for clear audio and optional remote speaker mic (RSM) rivaling any industrial radio — so teams can coordinate quickly across sites.
- ✓ **Text Messaging** for urgent mass notifications, like evacuations or extreme weather events, and for workers to send custom or pre-set messages to monitoring personnel when help is needed.

*Connects to your own control room or Blackline's 24/7 live monitoring service

COMPREHENSIVE GAS SENSOR PORTFOLIO

One of the largest portfolios of advanced gas sensors with swappable gas sensor cartridge system for single-gas, multi-gas diffusion, multi-gas pump, and lone worker applications, including:

• Ammonia (NH3) & NH3: high-range	• Chlorine dioxide (ClO2)*	• Nitrogen dioxide (NO2)
• Carbon dioxide (CO2)	• Combustible infrared (LEL-IR)	• Oxygen (O2)
• Carbon monoxide (CO) & CO: high-range	• Combustible MPS (LEL-MPS)	• Ozone (O3)*
• Carbon monoxide: hydrogen-resistant (CO-H)	• Hydrogen cyanide (HCN)	• Photoionization detection (PID ppm)
• Carbon monoxide and hydrogen sulfide (COSH (CO/H2S))	• Hydrogen fluoride (HF)*	• Sulfur dioxide (SO2)
• Chlorine (Cl2)*	• Hydrogen sulfide (H2S) & H2S: high-range	



*not available with pump cartridge

VIEW DETAILED SPECIFICATIONS



VIEW SERVICE PLAN OPTIONS



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