# G6

## TRANSFORMING SINGLE-GAS DETECTION WITH CONNECTIVITY

Get ahead of your workplace hazards, drive to zero incidents and uplevel your operations with the most comprehensive, cost-effective and connected single-gas detector available—G6.

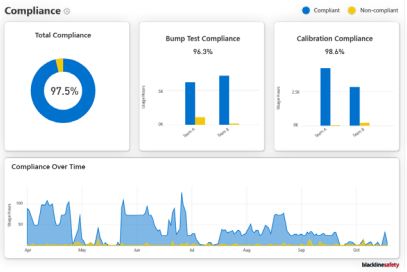
G6 gives you:

- Faster response time through accurate incident and worker location
- Reduced costs and increased operational efficiency with less lost devices, false alarms and IT infrastructure
- Trustworthy data and instant insights—like easy-to-read visuals for high alarm rates or low compliance—so you can act quickly
- Long-lasting design with over-the-air updates to futureproof your investment

It's what makes G6 the new standard in single-gas detection. An innovative—and economical—solution for improving safety and operational performance in the modern industrial workplace.

## Features

- Direct-to-cloud connectivity
- Integrated GPS location technology
- Single gas detection
- Rechargeable battery
- Reduced false alarms
- Data-rich reporting




Dashboard reporting platform

# DETAILED SPECIFICATIONS

**Standard features**
Single-gas monitoring - CO, $H_2S$, $O_2$, or $SO_2$
Direct-to-cloud connectivity
Over-the-air configurations
Automatic over-the-air updates
Integrated GPS location technology
Find My G6
Up to 1-year battery life
Rechargeable battery
Automatic bump tests and calibrations through G6 Dock

**Standard safety features**
Device location, gas readings, bump and calibration data, and alarms automatically uploaded daily
High gas notification
Low gas notification
Short-term exposure limit (STEL) notification
Bump test and calibration notification
Bump test and calibration failure notification

**Size & weight**
Size: 64 mm x 124 mm x 27 mm (2.5" x 4.9" x 1.1")
Weight: 162 g (5.7 oz)

**User interface**
240 x 320 pixel graphical, high contrast, 6-bit color liquid crystal display
Menu system and power-on driven by three-button keypad
Multi-language support: EN, FR, ES, DE, IT, NL, PT

**User notification**
Visual: Color display and multi-color lights on top and side
Sensory: Vibrating
Audible: ~95 dB @ 30 cm (11.8")

**Power & battery**
Rechargeable Li-ion battery: 1200 mAh
Battery life: Up to 1 Year at 20°C (68°F) under normal usage
Charge time: 4 hours

**Approvals**
SAR, RoHS, CE, RCM
FCC ID: W77G62 IC: 8255A-G62
Contains FCC ID: XPY1EIQ24NN,
IC: 8595A-1EIQ24NN
Canada & USA: Class I Division 1 Group A,B,C,D T4; Class I Zone 0 AEx ia IIC T4; Ex ia IIC T4 Ga
IECEx: Ex ia IIC T4 Ga
ATEX: Ex ia IIC T4 Ga
UKCA: Ex ia IIC T4 Ga

**Wireless radio**
Antenna: Internal regionally optimized

**Location technology**
GPS Radio: 48-channel high sensitivity
Assisted-GPS: Yes
GPS Accuracy: ~5 m (16 ft) Outdoors
Location update frequency: During high urgency events

**Environmental**
Storage temperature: -30°C to 60°C (-22°F to 140°F)
Operating temperature: -20°C to 55°C (-4°F to 131°F)
Charging temperature: 0°C to 45°C (32°F to 113°F)
Ingress Protection: Designed to meet IP67

**Warranty**
Four-year limited warranty

**Blackline Live web application**
Cloud-hosted safety monitoring web application is customizable for every customer requirement
Includes compliance dashboard, map, user roles, device configurations, notification setups, and essential reporting

**Sensor Specifications**

| GAS | SENSOR TYPE | RANGE | RESOLUTION |
|---|---|---|---|
| **CARBON MONOXIDE (CO)** | Electrochemical | 0–500 ppm | 1 ppm |
| **HYDROGEN SULFIDE ($H_2S$)** | Electrochemical | 0–100 ppm | 0.1 ppm |
| **OXYGEN ($O_2$)** | Electrochemical | 0–25% vol | 0.1% vol |
| **SULFUR DIOXIDE ($SO_2$)** | Electrochemical | 0–100 ppm | 0.1 ppm |

All specifications subject to change without notice.