# G6

## TRANSFORMING SINGLE-GAS DETECTION WITH CLOUD CONNECTIVITY

Streamline incident response, improve safety and compliance, and boost operational efficiency with the most cost-effective and direct-to-cloud single-gas detector available—G6.

G6 gives you:

- Vital and up-to-date worker location and safety status information for quick and informed action to get ahead of risks.
- Lower cost and increased operational efficiency through fewer lost devices and IT infrastructure.
- Real-time visibility into the safety and status of worksites to build more informed, data-rich operations.
- Easy-to-use and intrinsically safe device with minimal maintenance and unmatched reliability with a four-year life span and a rechargeable battery that can last up to one year.

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

## Features:

| | |
|---|---|
| Direct-to-cloud connectivity | Integrated GPS technology |
| Single-gas detection | Rechargeable battery |
| Emergency SOS | Usage, compliance and gas exposure reporting |



Blackline Analytics essential reporting



Blackline Live platform

# DETAILED SPECIFICATIONS

**Standard features**
Emergency SOS
Find My G6
Over-the-air configurations
Automatic over-the-air firmware updates
Automatic bump tests and calibrations through
G6 Dock
Location Beacon support

**Gas monitoring features**
Single-gas monitoring - CO, H2S, O2, or SO2
High gas notification
Low gas notification
Live gas on display
Sensor over limit (OL) notification
Sensor under limit (UL) notification
Short-term exposure limit (STEL) notification
Time weighted average (TWA) notification
Bump test and calibration notification
Bump test and calibration failure notification

**Size & weight**
Size: 71mm x 110mm x 37mm (2.8" x 4.3" x 1.5")
Weight: 146g (5.2 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 12 months at 20°C (68°F),
depending on configuration, service plan and use
Charge time: 4 hours

**Approvals**
SAR, RoHS, CE, RCM
Contains
FCC ID: W77BLG6C1 IC: 8255A-BLG6C1
FCC ID: XF6-B001P4V2P1, IC: 8407A-B001P4V2P1
Canada & USA: Class I Division 1 Group A,B,C,D T4;
Class I Zone 0 AEx da ia IIC T4; Ex da ia IIC T4 Ga
IECEx: Ex da ia IIC T4 Ga
ATEX: Ex da ia IIC T4 Ga
UKCA: Ex ia IIC T4 Ga

**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 and every 5 minutes to 6 hours, depending
on configuration and service plan

**Cellular communication**
LTE-M and NB-IoT

**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**
CO, H2S, O2: Four-year limited warranty
SO2: Two-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$_2$S)** | 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.

AUTHORIZED BLACKLINE SAFETY RESELLER

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