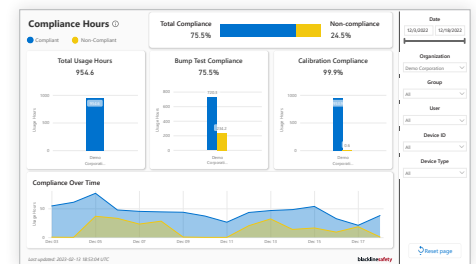**blacklinesafety**

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.
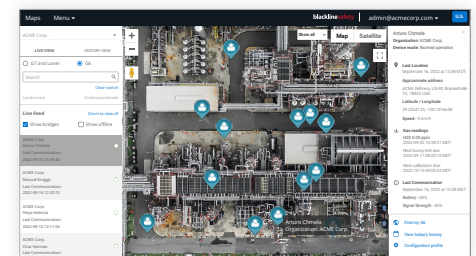
G6 gives you:

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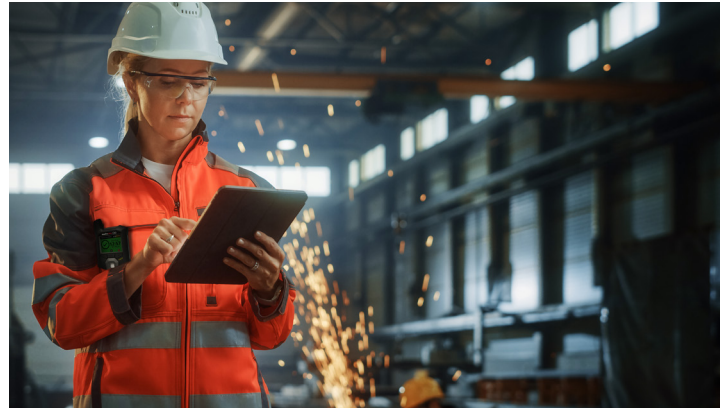
It's what makes G6 the new standard in single-gas detection. An innovative—and economical—solution for improving safety and operational efficiency in industrial workplaces.

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 ia IIC T4 Ga
IECEx: Ex ia IIC T4 Ga
ATEX: 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.

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