ALARMS DON’T SAVE PEOPLE. PEOPLE SAVE PEOPLE.

The G7c uses 3G cellular networks to wirelessly connect your team to real people. Should a gas leak, injury or health event occur, G7c confidently accounts for everyone’s wellbeing and whereabouts in real-time to equip live monitoring personnel when someone needs a hand.

G7c automatically watches over workers and calls for help, even when the employee can’t. All safety incidents are communicated to 24/7 monitoring personnel who can mobilize responders to an employee’s exact location and trigger an evacuation in real-time. With two-way speakerphone, monitoring personnel can communicate with the worker. Constant connectivity and incident alerting provide critical insights and situational awareness for optimized emergency responses.

G7c delivers and exclusive customizable modular design. Gas detection is tailored to work environments with a selection of cartridges and sensors. Choose from a Standard, Single-gas or Quad-gas Cartridge and a range of gas sensors. Everything is completely customizable to meet the needs of every industry, application and scenario. Bump tests and calibration data is communicated automatically to the Monitoring Portal for real-time compliance visibility and reporting.

Wireless connectivity ensures that each G7c is remotely configurable and firmware updates are automatic. Each alert is managed according to your custom and documented emergency response protocol. From incident through to resolution, all activities are time-stamped for future reporting, including notes that are used to document the response.
**Standard G7 Safety Alert Features**

All safety alerts are transmitted immediately to the Safety Network.

Fall detection and No-motion detection: Tri-axis accelerometer, tri-axis gyro, software processing, configurable sensitivity, configurable time window (1-30 mins, or off) for no motion detection.

Emergency latch: Pull latch to trigger remote alert

Silent emergency: Press and hold latch to trigger remote alert

Low-battery: Configurable threshold

Worker check-in: Configurable timer (5-180 min, or off), automatic check-in when driving

**Addional Safety Features Available with Gas Cartridges**

All gas alerts are transmitted immediately to the Safety Network.

- Time-weighted average (TWA)
- Short-term exposure limit (STEL)
- Upper detection limit
- Lower detection limit

**Size & Weight**

**G7 with Standard Cartridge**

Size: 64mm x 124mm x 27mm (2.52" x 4.88" x 1.06")
Weight: 162 g (5.7 oz)

**G7 with Single-gas Cartridge**

Size: 64mm x 128mm x 27mm (2.52" x 5.04" x 1.06")
Weight: 167 g (5.9 oz)

**G7 with Quad-gas Cartridge**

Size: 64mm x 150mm x 27mm (2.52" x 5.91" x 1.06")
Weight: 192 g (6.8 oz)

**Single-gas and Quad-gas Sensor Options**

- H2S, LEL, CO, O2, NH3
- CO2 (Carbon Dioxide)
  - Sensor Type: Pumped electrochemical
  - Lowest detection limit: 0.1 ppm
  - Upper detection limit: 50 ppm
  - Resolution: 0.1 ppm

- NH3 (Ammonia)
  - Sensor Type: Electrochemical
  - Lowest detection limit: 0.5 ppm
  - Upper detection limit: 100.0 ppm
  - Resolution: 0.1 ppm

**User Interface**

- 168 by 144 pixel graphical, high contrast, liquid crystal display with front lighting, menu system driven by a three-button keypad, power button (on/off), check-in button (check-in/silent emergency), emergency latch (send emergency alert)

**User Notification**

- Green SureSafe Light*: Blinking (powered), continuous (connected)

- Yellow top and front lights: Personal pending alarm and personal warning alarm

- Red top and front lights: Remote alert communicated

- Blue LiveResponse™ top and front lights: Monitoring team confirmation that alert has been acknowledged

- Personal alarm indicators: speakers, LEDs and vibration motor

- Speaker sound pressure level: ~90 dB @ 10 cm (~90 dB @ 3.94")

- Voice calling: Speakerphone and phone modes

**G7c Wireless Radio**

- Wireless coverage: ~200 countries

**Location Technology**

- GPS Radio: 48-channel high sensitivity
- Assisted-GPS: Yes
- GPS Accuracy: ~5 m (16 ft) Outdoors
- Indoor location technology: Location beacons
- Location update frequency: G7c 10 sec and G7x 15 min

**Power & Battery**

- Rechargeable Li-ion battery: 1250 mAh Li-ion
- Battery Life: 18 hours continuous operation at 20° C (68° F)
- Charge time: 4 hours

**Environmental**

- Storage temperature: -30°C to 75°C (-22°F to 167°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: IP67

**Approvals**

- SAR, RoHS, CE, RCM
- FCC ID: XPY1CGM5NNN | IC ID: 8595A-1CGM5NNN
- Intrinsically Safe: Class I Division 1 Groups A, B, C, D, T4; Class I Zone 0 AEx ia IIC T4 Ga: Ex ia IIC T4 Ga

**Warranty**

- G7: two years
- Cartridges: Lifetime
- G7 complete plan: three years

**Live Web Application**

Cloud-hosted safety monitoring web application is highly customizable for every customer requirement, includes live map, employee address book, user roles, alert management, device configurations, alert set-ups and reporting

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**Additional Specifications**

- All specifications subject to change without notice

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**North America**

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