

▶ Blackline G7c PASS

Geolocation-based personal alert safety system (PASS)



Technical specifications

G7 basic functions

- Fall detection and motionless detection: Tri-axis accelerometer and gyro, configurable sensitivity, configurable time window for no-motion detection
- Emergency latch: Pull latch to trigger
- Silent emergency: Press and hold latch to trigger
- Low-battery: configurable threshold
- Worker check-in: Configurable timer (30–180 min, or off), automatic check-in when driving

Dimensions: 64 mm x 124 mm x 27 mm / 162 g / IP67

Blackline Live Application Web

The 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 setups and reporting.

User interface: Large backlit LCD display, menu system driven by a three-button keypad, power button, check-in button and emergency latch (send emergency alert)

Alarm: audible (95 dB @ 30 cm), LED and vibrating

Voice calling: integrated speakerphone and phone

G7c Wireless Radio : Coverage: 100 countries, 200 operators

G7c location update frequency : 5 min

Battery life : 18 hours continuous use at 20° C

Charging time : 4 hours

Certifications :

- SAR, RoHS, CE, RCM
- FCC ID XPY1CGM5NNN-IC ID : 8595A-1CGM5NNN
- Canada and USA: Class I Division 1 Gr 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 II 1 G
- LEL: CSA C22.2 No. 152; ISA 12.13.01

Product description

The **G7c** is the only ATEX zone 0 portable device that offers: a full PASS with geolocation (motionless, fall, panic button), a permanent link with an operation for verification and assistance. In addition to these functions, the **G7c** can be used as a walkie-talkie.

▶ A real-time alert unit

The **G7c** can be configured to detect incidents while they occur and emit a distress signal to reach in real-time supervisory staff that will be able to take emergency actions. Real-time alerts include the manual emergency latch and the automatic fall, motionless or check-in failure detection.

▶ A solution to meet any need

Based on the same principle than telephony, the Blackline **G7c** operates with a subscription from 1 up to 5 years with a whole range of services to suit in any need:

- Standard geolocation-based PASS (+/- 5 meters)
- Walkie-talkie function on IP
- Internal monitoring (internal alarm management)
- External monitoring (alarm management performed by the Blackline operation center operating 24/7)

▶ A 24/7 in-house safety operation center

Offering professional monitoring and safety services and emergency management for teams on the field, the Blackline in-house safety operation center operates 24/7. Their people are trained to manage any alert in real-time upon reception of the alert event up to its resolution, following suitable emergency response protocols.

▶ Bidirectional voice calls

Upon reception of an alarm, the Blackline operation center calls the **G7c** in order to confirm or infirm the alarm.

▶ PTT button (Push To Talk)

The **G7c** features the PTT function (« push-to-talk »). This PTT button enables users to use the **G7c** as a walkie-talkie: **G7c** unit users in the same organization and on the same channel can talk to each other in real-time.