

Loner

M6i

INTRINSICALLY SAFE



MONITOR EMPLOYEES IN HAZARDOUS LOCATIONS

PRELIMINARY

Intrinsically safe monitoring device with 3G wireless and two-way voice calling

Employees working alone within hazardous environments face the risk of injury, health incidents and physical assault in the workplace. Blackline's Loner® M6i is ATEX certified intrinsically safe and continuously monitors the safety of lone workers and alerts monitoring personnel in real-time if the unexpected occurs. Respond in the fastest time possible—to your employee's precise location with Loner M6i.

Blackline designed Loner M6i from the ground up to be the most advanced safety monitoring solution available. Designed for industrial applications, it incorporates 3G wireless communications, advanced positioning technology, automatic incident detection and manually-triggered safety features—all in a compact and easy-to-use package.

Features include True Fall Detection®, man-down (motionless) detection and a failed employee check in. Loner M6i incorporates an intuitive emergency latch that is easier to trigger than a button and can be accessed if the employee's vision is impaired. A silent emergency button is also available for duress situations.

Loner M6i incorporates GPS for precise outdoor positioning and is compatible with Blackline's Loner Beacon positioning technology for locations throughout and nearby buildings and facilities where GPS signals are imprecise or not available.

Blackline's Silver service plan enables organizations to self-monitor their lone workers using Blackline's Loner Portal web application. Our Gold service plan delivers around-the-clock live safety monitoring, leveraging Blackline's in-house Safety Operations Center or one of our Alarm Receiving Center partners.

To empower emergency response, Silver Voice and Gold Voice service plans are available, connecting monitoring teams to an employee in need of help via built-in speakerphone. Loner M6i achieves all requirements of the British Standard BS 8484.



Intrinsically safe
ATEX certified for hazardous locations



Two-way voice calling
Monitoring personnel can speak with the employee



SureSafe™ monitoring light
Confidently know when safety is monitored



True Fall Detection® & alerting
Differentiates falls from other activity



Emergency latch & alerting
Help is a latch-release away



Motion monitoring & alerting
Lack of worker motion generates a safety alert



GPS positioning
Unlimited live, continuous, and scheduled locating



Precise indoor positioning
Location beacons provide adjustable resolution

Specifications

Size & Weight

Size: 63 mm x 107 mm x 22 mm (2.48" x 4.213" x 0.87") | Weight: 137 g (4.8 oz)

Safety Monitoring Features

Fall detection technology: Tri-axis accelerometer, tri-axis gyro, software processing | **Emergency latch:** Pull latch to trigger alert | **Silent emergency:** Press & hold check-in button to trigger alert | **Worker motion monitoring:** Configurable time window (1–30 min, or off) | **Worker check-in:** Required check-in period (5–180 min, or off) | **Voice calling:** Two-way and one-way (listen-only) phone calling (requires a voice-enabled service plan)

Buttons & Indicator Lights

Power button: Power on/off | **Check-in button:** Check-in/silent emergency | **Emergency latch:** Send emergency alert | **Red indicator light array plus vibration and beeper:** Safety alert triggered | **Blue indicator light array plus vibration and beeper:** Incoming voice call | **Blue indicator light:** Alert has been acknowledged in the portal | **Green SureSafe light:** Blinking (powered), continuous (connected)

User Notification

Indicators: Speaker, LEDs, and vibration motor | **Speaker sound pressure level:** ~90 dB @ 10 cm (~90 dB @ 3.94") | **Voice calling:** Speakerphone and phone modes

Wireless Communication

Radio: Dual-band 3G (1900, 850 MHz) | **Antenna:** Internal dual-band | **Bidirectional communication:** Yes | **Firmware upgrade over-the-air (FOTA):** Yes

Location Technology

GPS Radio: 48-channel high sensitivity, mobile assisted | **Remotely-assisted GPS:** Yes | **GPS Accuracy:** ~5 m (16 ft) Outdoors | **GPS Real-time location turnaround time:** ~20 seconds | **Loner Beacon compatible:** Yes

Alert Messages

Fall detected/emergency latch/silent emergency/no-motion/missed check-in/voice call alert/low battery/power off

Power & Battery

Rechargeable Li-ion battery: 1200 mAh Li-ion | **Battery Life:** 20 hours continuous operation at 20° C (68° F) | **Charging connector:** 4-pin sealed connection

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:** Designed to meet IP65

Approvals

FCC Part 15 Subpart B, FCC ID: XPSYARAU260, Industry Canada 8595A-SARAU260 | Designed to meet BS 8484

Device Requirements

Blackline Safety service plan | 3G wireless communication coverage | GPS signal coverage required for GPS locating | Loner Beacon signals for precise indoor positioning

Warranty

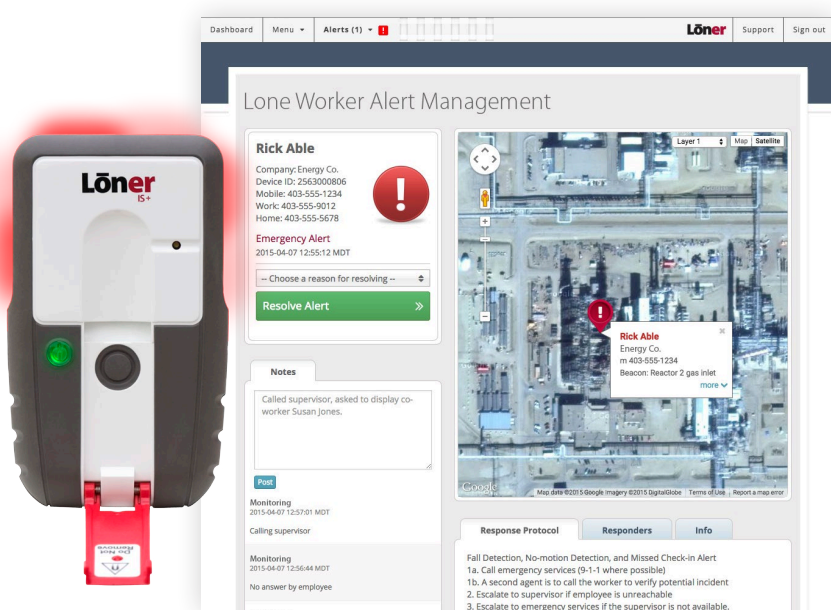
One-year limited factory warranty

Wireless coverage and service plans

Wireless coverage: ~200 countries | **Service plan options:** Silver (for self-monitoring) and Gold (24/7/365 live monitoring included), with and without voice calling | Contact Blackline for further details

Loner Portal Web Application

Features include: Alarm banner, initiate voice call, event history, device location mapping, device management, alert & notification settings, and more.



Loner Portal account – alert management page

Highlights

- Global awareness of your workforce's real-time safety
- Improves safety awareness of remote workers
- Quickly mobilize an emergency response by mapping worker locations in Loner Portal
- Real-time safety alerting increases awareness of safety incidents
- Achieves regulatory compliance as required in some regions
- Reduces mobile worker anxiety about safety
- An automated system that does not require manual worker check-in
- Immediate alert is triggered when the worker is incapacitated
- High capacity 1000 mAh battery provides 10 hour operation
- Customizable location scheduling provides bread-crumbs of worker locations
- Easy training for workers and monitoring personnel
- Affordable for small both business or enterprise deployment
- Compatible with Loner Beacon indoor / outdoor location technology
- Loner Background Services alert monitoring personnel even when Loner Portal is not used
- Emergency escalation list provides multiple layers of alerting to ensure an incident is addressed
- Loner Web Services enable software developers to integrate safety monitoring within a call center
- Easy-to-use web-based Loner Portal for efficient mapping and setup
- Customizable Loner Portal account implementation for diverse customer needs
- Sharing of Loner devices across multiple Loner Portal user accounts
- Firmware upgradable over-the-air accommodates future enhancements
- Web-hosted Loner Portal user account—no software to install



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Alert. Locate. Respond.