

# Loner M6



## MONITOR EMPLOYEES WORKING ALONE

### Safety monitoring device with 3G wireless and two-way voice calling

Employees working alone face the risk of injury, health incidents and physical assault in the workplace. Blackline's Loner® M6 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 M6.

Blackline designed Loner M6 from the ground up to be the most advanced safety monitoring solution available. 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 M6 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 M6 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 M6 achieves all requirements of the British Standard BS 8484.



#### 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



#### Person-down detection & alerting

Lack of worker motion generates a safety alert



#### Superior network coverage

Multi-network roaming in many countries provides industry-leading coverage



#### 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

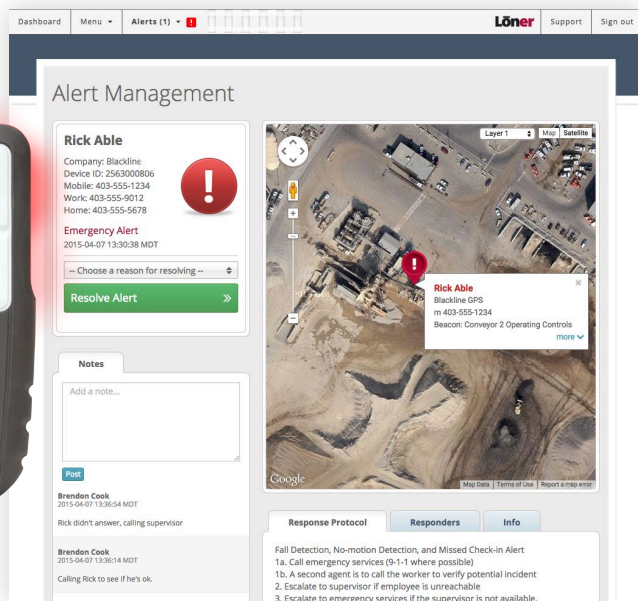
One-year limited factory warranty

### 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
- 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
- Customizable location scheduling provides bread-crumbs of worker locations
- Easy training for workers and monitoring personnel
- Affordable for both small business or corporate deployment
- Compatible with Loner Beacon indoor / outdoor location technology
- Loner system alerts monitoring personnel even when Loner Portal is not used
- Emergency escalation list provides multiple layers of alerting to ensure an incident is addressed quickly
- Easy-to-use web-based Loner Portal for efficient mapping and setup
- Customizable Loner Portal account implementation for diverse customer needs
- Units can be configured quickly and easily over-the-air without manually plugging the device in
- 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
- Loner API for custom software development

### New Zealand

**phone** +64 9 263 0700  
**fax** +64 9 263 0300

**email** sales@directsafety.co.nz

### Australia

**phone** +61 7 31033360

**email** sales@directsafety.com.au