

## INTRINSICALLY SAFE

# Loner

## M6i



## MONITOR LONE WORKERS, EVACUATE SITES & FACILITIES

### Global safety monitoring solution with 3G wireless

The Blackline Safety Loner® M6i device wirelessly monitors the safety of employees, including lone workers, and alerts monitoring personnel in real-time if the unexpected occurs. Responding to your employee's exact location is fast and confident with a live-map and two-way voice calling. The device empowers your team to evacuate sites and facilities with mass notifications, accounting for the location of each worker during the process on the Blackline Live monitoring portal. Employees receive a visual, audible and vibration-based alarm on their device plus voice-message evacuation instructions.

Designed for industrial applications, Loner M6i incorporates cellular communications, an industrial-grade speakerphone, a LiveResponse™ light that confirms that help is on the way, assisted GPS, automatic incident detection and manually-triggered safety features. Loner M6i features intrinsically safe hardware to ensure your workers are safe in all environments. It is also compatible with Blackline's location beacon positioning technology to map an employee's location inside facilities where GPS signals are imprecise or unavailable.

All of Blackline's solutions are wireless, software and infrastructure-free for easy implementation and a seamless user experience.

### 24/7 live monitoring for highest responsiveness

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. Blackline's Silver service plan enables organizations to self-monitor their lone workers using the cloud-hosted Blackline Live portal. All features on the device are configurable on the portal to best fit your specific work environment needs. Blackline Safety is British Standard 8484: 2011 accredited.

### Features



Intrinsically safe



Fall detection



No-motion detection



Two-way voice calling



SOS Alert



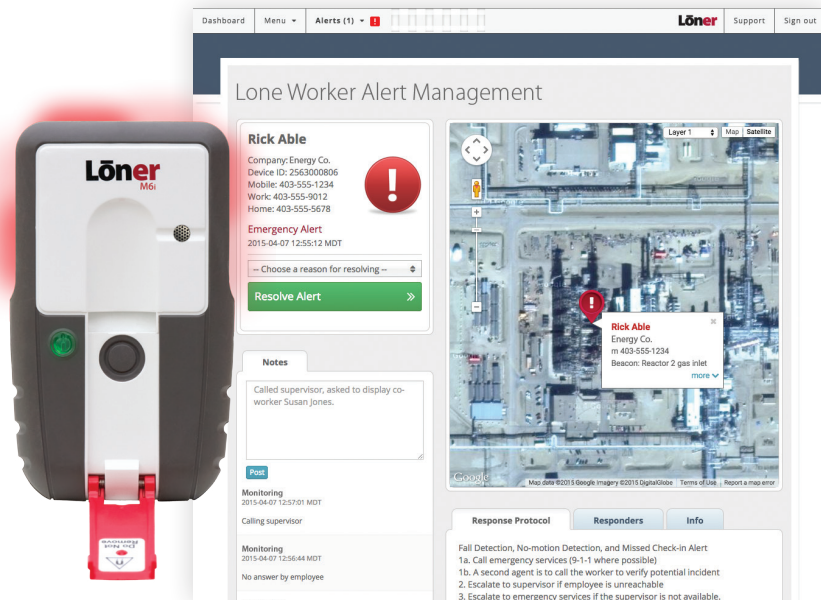
Check-in



GPS location



Indoor location compatible



Blackline Live safety monitoring account – alert management page

## DETAILED SPECIFICATION

### 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 (900, 1800 MHz)

**Antenna:** Internal dual-band

**Bidirectional data communication:** Yes

**Firmware upgrade over-the-air (FOTA):** Yes

### Location Technology

**GPS Radio:** 48-channel high sensitivity, mobile assisted

**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, low battery, log-on, power off

### Power & Battery

**Rechargeable Li-ion battery:** 1250 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

Class I Div 1 Group A-D

Class I Zone 0 AEx ia IIC T4

ATEX: CE ⚠ II G Ex ib IIC T4 Gb

IECEx: Ex ib IIC T4 Gb

FCC Part 15 Subpart B, FCC ID: XPSYARAU260,

Industry Canada 8595A-SARAU260

BS 8484: 2011 accredited

### Device Requirements

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

### Environmental

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

### 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

### Blackline Live Web Application

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

*All specifications subject to change without notice.*

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