

Flashing red light
Visual indication that unit is active



FOR FIREFIGHTING RESPONSE



FOR USAR RESPONSE



LEADER Sentry

Monitors movements of unstable structures to alert firefighters or USAR teams to an imminent risk of collapse

MOVEMENT SENSOR FOR MONITORING STABILITY

KEY POINTS

- ▶ Easy to transport
- ▶ 2 laser beams can operate simultaneously
- ▶ Displays movement status on the screen in real time
- ▶ Audio and visual alarm
- ▶ Units: metric (mm) and imperial (inches)
- ▶ Rain-resistant
- ▶ OLED screen: excellent brightness even in sunlight



THE ADVANTAGES THAT MAKE THE DIFFERENCE

- ▶ Detects a 5-mm movement at a distance of 30 m.
- ▶ A telescopic sight allows operator to point the laser accurately at targeted unstable structure.
- ▶ Multiple maximum movement thresholds (from 5 to 100 mm) can be selected. When a movement is sensed that exceeds the selected threshold, the sound alarm is triggered.
- ▶ Continuously monitors detected movements and displays changes on its screen for real-time awareness.
- ▶ 2 lasers can be connected to the device to simultaneously monitor 2 sides of an unstable building for the safety of rescue teams working around or inside the structure.
- ▶ Various modes available for distinguishing between alarms, faults, etc.
- ▶ Filters out brief interruptions of beam (birds flying through beam, people briefly crossing beam etc.)

CHARACTERISTICS

Model	Ref	Dimensions L x H x D	Weight	Autonomy	T°C of use	T°C of storage
LEADER Sentry B1 Shockproof and waterproof case (when closed) containing console control monitor 1 x class 2* laser with 4m of anti-scurf high-viz orange cable 1 x robust tripod, height-adjustable to avoid interference with site activity (1.80m max) + 2 hooks for attaching ballast at its centre + 1 ball joint for mounting the laser on the tripod. 8 x AA alkaline batteries + 1 x 110/220V 50/60 Hz mains power pack with adaptors + 1 x 12V cable with cigar lighter adaptor.	D11.06.010	650 x 510 x 242 mm	approx. 15.5 kg	<ul style="list-style-type: none"> • Continuous operation off 12 V cigar lighter supply or 110/220V 50/60 Hz mains. 		
LEADER Sentry B2 Shockproof and waterproof case (when closed) containing console control monitor 1 x class 2* laser with 4m of anti-scurf high-viz orange cable 1 x class 2* laser with 20m of anti-scurf high-viz orange cable 2 x robust tripods, height-adjustable to avoid interference with site activity (1.80m max) + 2 hooks for attaching ballast at its centre + 2 ball joints for mounting the laser on the tripod. 8 x AA alkaline batteries + 1 x 110/220V 50/60 Hz mains power pack with adaptors + 1 x 12V cable with cigar lighter adaptor.	D11.06.011	670 x 510 x 372 mm	approx. 26.5 kg	<ul style="list-style-type: none"> • For backup power: 14 hrs with 8 x AA lithium batteries (not supplied) 7 hrs with 8 x AA alkaline batteries (supplied) 	-25°C to +50°C	-40°C to +70°C

*Output power is less than 1 mW. In case of exposure, the natural reflex to blink and turn the head away is sufficient to protect from risk of injury.

OPTIONAL ACCESSORIES

Model	Ref	Use temperature	Storage temperature
1 laser with tripod for LEADER Sentry B1	D11.06.012		
Sucker attachment Alternative to tripod for mounting laser on smooth surfaces (glass, vehicles etc.)	D11.06.014	-25°C to +50°C	-40°C to +70°C

