

Flashing red light  
Visual indication that unit is active



FOR FIREFIGHTING RESPONSE



FOR USAR RESPONSE



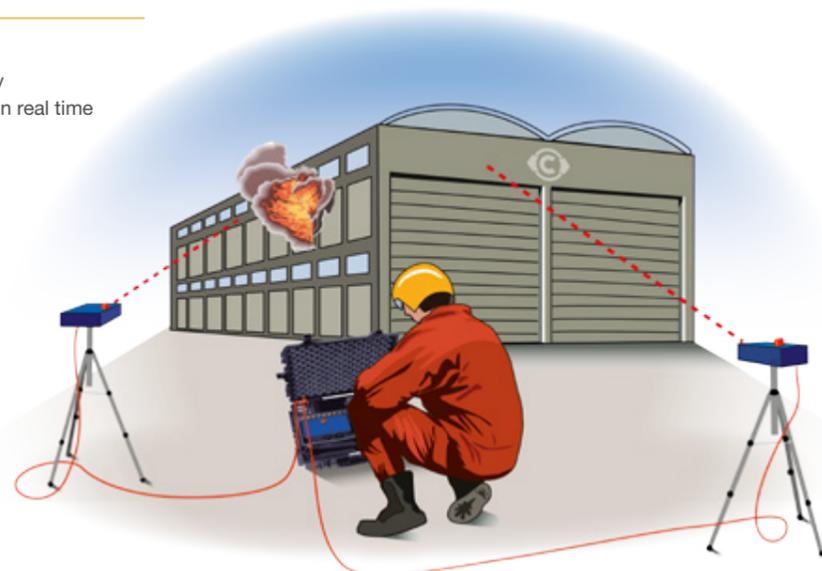
# LEADER Sentry

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
<b>LEADER Sentry B1</b> 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"> <li>• Continuous operation off 12 V cigar lighter supply or 110/220V 50/60 Hz mains.</li> </ul>		
<b>LEADER Sentry B2</b> 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"> <li>• For backup power: 14 hrs with 8 x AA lithium batteries (not supplied) 7 hrs with 8 x AA alkaline batteries (supplied)</li> </ul>	-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

