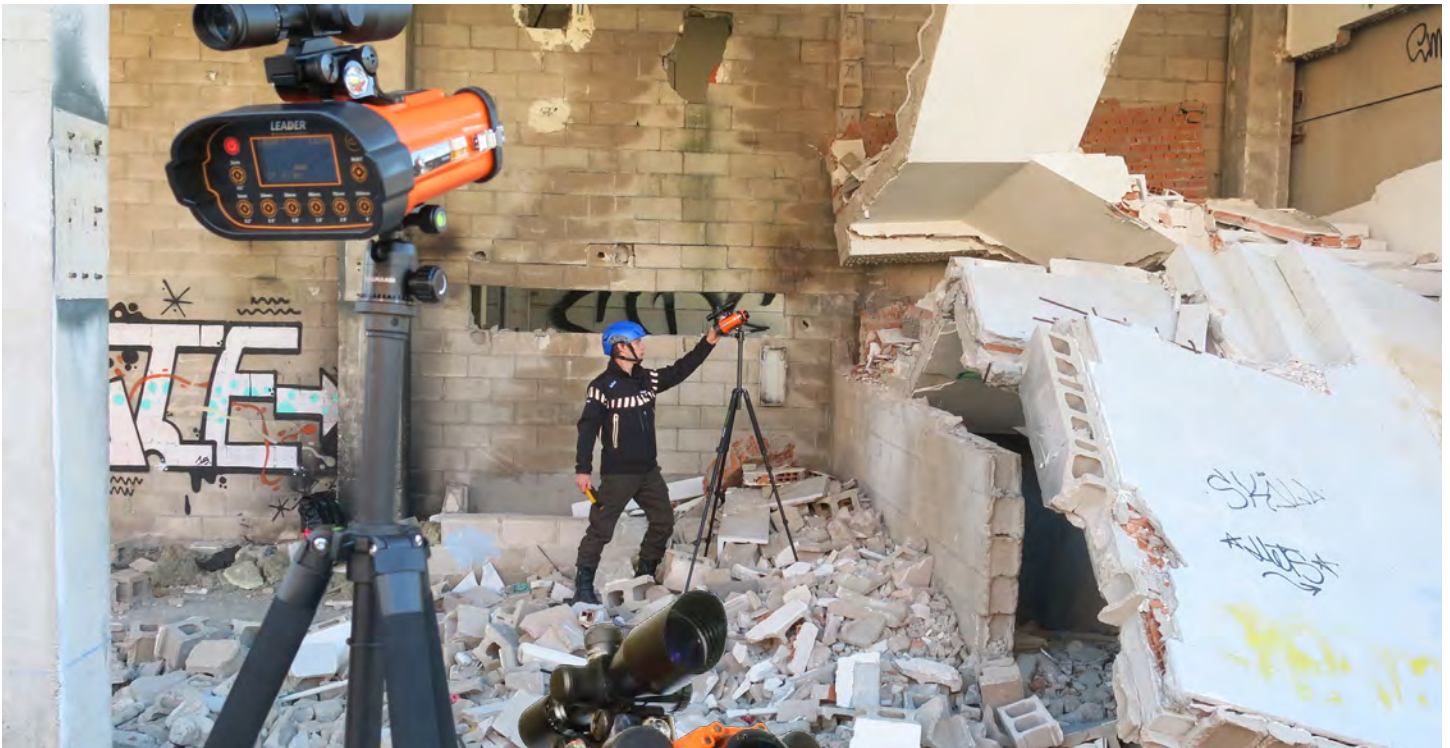




SENTRY Laser Structural-Stability Monitor

LONG-RANGE, NON-CONTACT DETECTION FOR LARGE FAÇADES, TANKS, AND TOWERS.
FROM TEMPEST TECHNOLOGY



SENTRY projects a Class II laser up to 165 feet (50 meters) onto a target surface; any deflection ≥ 1.6 mm (1/16 in) triggers a 105 dB siren and visual alert.

Two units can be linked wirelessly for simultaneous, bidirectional monitoring or remote evacuation signaling.



- ☑ **Safely Monitor Structural Stability** from up to 165 feet away
- ☑ **Wireless Remote** – Activate alarms or mute devices up to 300 feet away.
- ☑ **Dual-Laser Sync** – Cover opposite walls or paired columns with a single operator.
- ☑ **Safely alert crews to dangerous micro-movements.**
- ☑ **Quickly Deploy** - Collapsed or fire-damaged structures, Trench and shoring movements



SENTRY PERSONNEL / STRUCTURE PROTECTION KITS

D11.06.020 SINGLE KIT - 1 Telemeter

D11.06.022 DOUBLE KIT - 2 telemeters

Each Telemeter Kit includes: Scope, Tripod, Ball-joint mount, Battery Packs (for AAA batteries), Padded transport bag

Optional Accessories

D11.06.023 External rechargeable NiMH battery (1 per laser). IP67. Comes with its cable

D11.06.025 Charger for external rechargeable NiMH battery

D11.06.021 Wireless remote control with integrated audio alarm (6AA alkaline cell batteries supplied)

D11.06.026 Clutch bag for wireless remote control

D11.06.024 Hard case. IP67. Sized for SENTRY Wireless DOUBLE models and Safety Dual Pack

Specifications

SENTRY (Telemeter laser beam)

Fire and Rescue applications	Designed for use in large indoor and outdoor areas	Accurate	Accuracy: +/-1mm
Design concept	Laser head on tripod + warning alarm	Lightweight	Laser: 4.4 lbs. / Tripod: 4 lbs.
Monitoring method	Detects distance difference		Remote control : 19.4 oz.
Positioning	Placed at distance up to 164 ft. from structure		External rechargeable battery : 22.6 oz.
Safe zone to create	Safe and easy implementation at distance from the dangerous structure		Suction pad : 10.6 oz.
7 thresholds	0.1", 0.2", 0.4", 0.8", 1.6", 2.75", 4" with 0.1" accuracy	Telemeter Dimensions	7.2" x 6.5" x 9.5"
See live monitoring	Distance displayed at all time	Remote Dimensions	1.3" x 5" x 7.5"
Visual alarm	3x 100 lumens white flash lights for 360° visibility	External battery Dimensions:	2.75" x 3.75" x 6.9"
Audible alarm	105dB alarm or Mute	Strong material	High impact resistant thermoplastic
Wireless connection	2.4GHz technology / 328 ft. range / 2 lasers	Run time	Alkaline (supplied): >6h
Alarm relay	Optional remote control integrating 80dB alarm.	Remote control run time	55h
Robust	6.5 ft. drop test onto concrete	External battery run time*	45h (charging time 5.5h)
Water resistant	IP 55	Wide operating temperature range	14°F to +122°F.
Power Supply	110/240V transformer for use with standard US power supply OR 12 x AAA type cells	Wide storage temperature range	-4°F to +122°F
Battery power supply	External NiMH rechargeable battery (up to 45h run time)*		