

STANDALONE DETECTORS

YOUR MUST-HAVE SECURITY LAYER

We have what it takes to protect you

Based on the same sensitive seismic technology used for earthquake detection, our standalone seismic detectors recognize different types of threats whenever their vibrations are sensed in their vicinity. The buried security system is designed for invisible, worry-free, vandalism-proof protection against intruders of all types in guarded or unguarded sites. Comprising sensors and a processing unit, the system can be conveniently connected to electricity or battery. It works independently, or integrated to alarm systems, video security systems, and other IoT applications.

SensoGuard manufactures under the strict military requirements of the IDF and international standards. Our underground sensors function 7/24/365 under most extreme hot and cold weather conditions (-40° to 85° Celsius). All that long-lasting invisible protection – with literally no maintenance required.



Invisible System



Wind Resistant



Fog Resistant



Ultra Low Power



-40°C-+85°C



Maintenance Free



Adaptive algorithms identify threats on a sensor level

Our intelligent real-time algorithms learn the environment and get smarter with time. Based on predefined pattern templates, they sense environmental changes and then run statistical assessments to identify and verify the pattern of the type of threat, such as walking, driving, digging, etc. All the signals are processed on an individual sensor level – helping better locate the threat, reduce false alarms, and save on communications and battery life.

- **Type of threat classification**

The system identifies and classifies the event according to type of threat, such as car and footsteps.

- **Per threat adjustability**

The system adapts to the environment with adjustable sensitivity threshold for each threat.

Maintenance-free and versatile

We feature three seismic detectors with 1, 3 or 6 attached sensors (SG-1, SG-3 and SG-6), making it easy and affordable to add another layer of high security to areas of all sizes.

- Private homes
- Access routes
- Remote sites
- Agriculture and more

Easy 3-step installation

With built-in relay outputs, our smart seismic security systems (SG-1, SG-3, SG-6) easily integrate with your existing security system or security cameras, and are extremely simple to install with no prior knowledge.

- **Dig and cover**

Dig a pit about 2 feet deep (30 to 50 cm.) and place the sensors and processing unit inside before covering and compressing the soil.

- **Rest assured**

Cover the processing unit and enjoy year-round peace of mind protection.

- **Connect and test**

Connect sensors to processing unit, set the sensitivity level, and test by stepping in surrounding area until alarm is activated.



SG-1



SG-3



SG-6