PERIMETER DETECTION FOR YOUR HOME

Know someone is in the garden before they reach the door.

Security You Never See. Protection You Always Have.

Most home security reacts to arrival. A door contact reports a door that is already opening. A camera sees someone once they are in frame. Seismic Shield adds the layer before that: sensors buried in your garden feel the footsteps of someone crossing it, a camera with on-board AI checks what it is, and your alarm hears about it while that person is still outside.

Early warning, outside

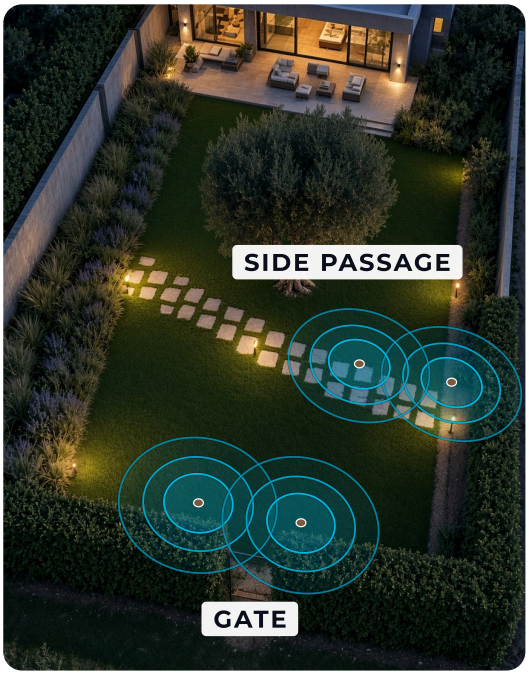
The alert comes from the gate, the driveway or the side passage, not from the hallway.

Two signals have to agree

The ground and a camera must both report the same thing, in the same place, at the same moment, before it counts as an alarm.

Uses what you already have

It connects to your existing alarm panel and works with AI cameras you may already own. No new app to learn, and no subscription.



Sensors go where people walk in. Here, a group at the gate and a group at the side passage, with neighboring sensors overlapping. Illustration; rings are schematic.

THE THREE QUESTIONS HOMEOWNERS ASK FIRST

Who installs it in my country?

We do not install. Any professional alarm installer can, including your own. We train them remotely in one to two hours and support the first installation remotely.

Does it work with what I have?

Yes. It feeds your existing alarm panel, so alerts arrive in the app you already use. Already have AI cameras? Tell us the make and model.

What about trees and planting?

Not an obstacle. The sensors work underground and don't need a clear line of sight.

SensoGuard was founded by a team from Rafael Advanced Defense Systems. The same underlying seismic technology protects national borders and critical infrastructure. Seismic Shield brings it to private homes.

HOW IT WORKS

Detect. Verify. Alert.

SensoGuard
Every second counts

01

Detect

Sensors buried in the soil feel the vibration of someone walking across the garden and report which zone it came from.

02

Verify

A camera covering that zone uses its own on-board AI to classify what it sees. The Seismic Shield hub matches the two reports.

03

Alert

A verified alarm reaches your alarm panel like any other zone, so it arrives through the app and the monitoring you already use.

Why both layers have to agree

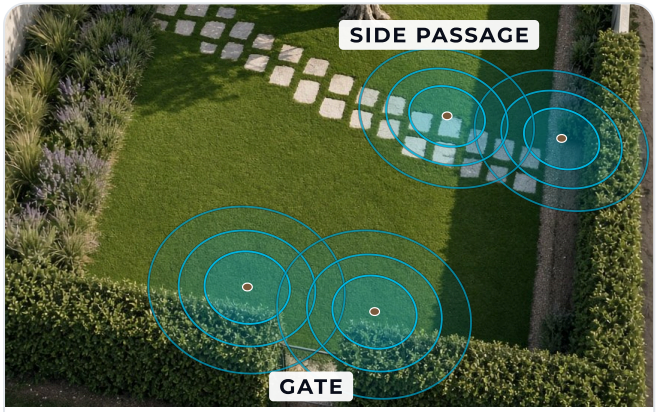
A garden has pets in it, and a street outside it. Each of those can set off one layer. A person walking across your garden sets off both, in the same zone, at the same moment.

WHAT HAPPENS	GROUND	CAMERA	RESULT
Your dog crosses the lawn	●	○	No alarm
A car passes in the street	○	●	No alarm
Someone walks in by the side passage	●	●	**Verified alarm**

Only alarm events pass between the cameras and the hub. No video has to leave your property for verification to work.

Two ways to lay it out

Both use the same hub, alarm panel and cameras. The choice usually comes down to one question: is the property finished, or still being built?



WIRELESS · AIO X SENSORS

For a finished garden

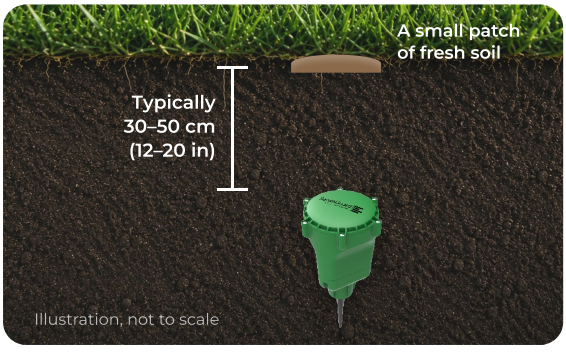
Battery-powered sensors go in groups at the ways in: the gate, the driveway, a side passage, a gap in the hedge. Each detects 360° around itself, and we plan on about 50 m² (about 540 sq ft) per sensor.



WIRED · SENSOR CABLE

For a new build, or if you are happy to trench

A buried sensor cable runs along the boundary as one continuous detection line. It goes in most easily with the groundworks, while the ground is already open.



What installation actually involves

Each wireless sensor goes into a small hole, typically 30–50 cm (12–20 in) deep, and the soil is closed over it. That leaves a small patch of fresh soil on the surface. The sensors sit below ground, so there are no posts or beams across the garden.

Any professional alarm installer can fit Seismic Shield. We train your installer remotely in one to two hours, and we stay with them, remotely, through the first installation.

SensoGuard
Every second counts



AIO X wireless sensor, shown out of the ground. Installed, it sits below the surface.

At a glance

DEPTH	Typically 30–50 cm (12–20 in)
COVERAGE	360° around each sensor. Plan on about 50 m² (540 sq ft) per sensor
BATTERY	Up to 6 years on standard D cells, replaced when due
HOUSING	IP68
HUB	Up to 30 wireless sensors
TO YOUR ALARM	Up to 18 dry contacts, so up to 18 separate zones on your panel
DETECTION	98% probability of detection (seismic sensors)
WARRANTY	2 years
ORIGIN	Made in Israel

Coverage per sensor is a planning figure for laying out a garden, not a detection range. Your layout is planned with you before anything is ordered.

WHAT YOU GET

One more layer, on the alarm you already trust.

Your alarm panel and your app

The hub connects to your existing alarm panel through dry contacts. Garden zones arrive like any other zone, with the app, arming schedule and monitoring you already use. There is no SensoGuard app to learn and no subscription for verification.

Your cameras

Verification uses cameras with on-board AI analytics. We work with IDIS, and with makes you may already have, such as Hikvision, Dahua, ProVision and Uniview. Already have AI cameras? Send us the make and model and we will confirm they fit.

Your installer

We do not install ourselves. Any professional alarm installer can, including the one you already use. We train them remotely in one to two hours and stay with them through the first installation. Where we have a partner in your country, we can introduce you.

Nothing recurring

No per-camera license and no cloud service for verification. When the batteries are due, they are replaced with standard D cells you can buy locally.

Three answers shape your system

1. **Is the property finished, or still being built?**
   This decides wireless sensors or a wired line.
2. **Which ways in matter most?**
   The gate, the driveway, a side passage, the back of the garden.
3. **What do you already have?**
   Your alarm panel, your installer, and your cameras' make and model.

YOUR NEXT STEP

Draw it on a map of your own home

With Site Design you place sensors and cameras on a satellite view of your property, see each sensor's coverage, and send the layout to us. We come back with the parts list and the next steps, and we price the layout you drew where we can.

No map handy? A rough sketch of the garden with the ways in marked works too.

sensoguard.com/site-design

Prefer to see it working first? Ask for a remote demo with our product manager.
Or simply reply to our email with your three answers, at sales@sensoguard.com.