

SG CAM SURVEILLANCE KIT

Quickest to deploy invisible surveillance from ground up

Portable and versatile with battle-proven success

Featuring rugged, military-grade design, our SG Cam Surveillance Kit is small, lightweight, and field-proven for half a decade – with numerous success stories in intrusion prevention by the **IDF and leading militaries**. At the heart of the Kit are buried wireless seismic sensors with intelligent algorithms that constantly learn and adapt to environmental noises – while searching for intrusion patterns with unrivaled precision.

The SG Cam Kit is very easy to deploy, designed to deliver reliable early detection for a wide range of landscapes, sites, or tactical security activities:

- Tactical military
- Hunting and poaching
- Border intrusion
- Illegal dumping, etc.

The perfect merger: Buried sensors with camera surveillance

The buried wireless security network comprises a hub that receives data from wireless seismic sensors. Each sensor covers a radius of up to 12m (40 feet) for footsteps detection, and up to 25 meters for detecting vehicles, in addition to ongoing digging detection. The sensitivity levels can be set per sensor for each type of intrusion – keeping false alarm rates (FAR) to a minimum. The Kit enables easy scaling up and customization – each sensor can trigger one or more cameras, or conversely, a single camera can be triggered by several sensors.



No more blank pictures

Common camera surveillance systems rely on a passive infrared sensor, which is limited when it comes to accurate detection of movement from afar. As result, false alarms are commonly triggering upon change in temperature, or moving plants and animals. The SG Cam Kit features wireless HD camera which can be easily concealed in a radius of up to 50 meters away from the invisible buried sensor. This allows selecting the best location to camouflage the camera. In addition, due to the relatively long distance from the underground sensor, the camera covers an especially large area – capturing even a driving vehicle on time.

Dashboard

The SG Cam Kit includes a command and control cloud server and friendly dashboard to easily configure and simultaneously manage multiple kits over the cloud or a local PC. The dashboard displays a map view of the installed systems, alarm table, systems configurations, among other features. Additional kits / cameras can be easily connected to the command and control (C&C) computer to cover very large areas.

Exceptionally long battery life

SensoGuard is known for its embedded operating system developed specifically for security purposes. Together with intelligent algorithms that adapt to environmental conditions and behaviors, the detectors are extremely energy-efficient, lasting from 8.5 to 19 months or more per sensor, depending on the battery size.

Special features and benefits

The kit is practically maintenance-free and works 365/24/7 under extreme weather conditions. Both sensors and cameras of the Kit can be deployed in minutes without any technical training.

- Works with built-in wireless and local 3G-GSM network
- Takes day & night photos with invisible black (940nm) IR LEDs
- Shots snapshot image or video with alarm transmission

How it works

Once the buried sensor detects an intrusion, it triggers the relevant camera via wireless to take an instant photo (or video) of the area where the intrusion occurred. The photo or video is immediately sent via MMS or email on the mobile data network.