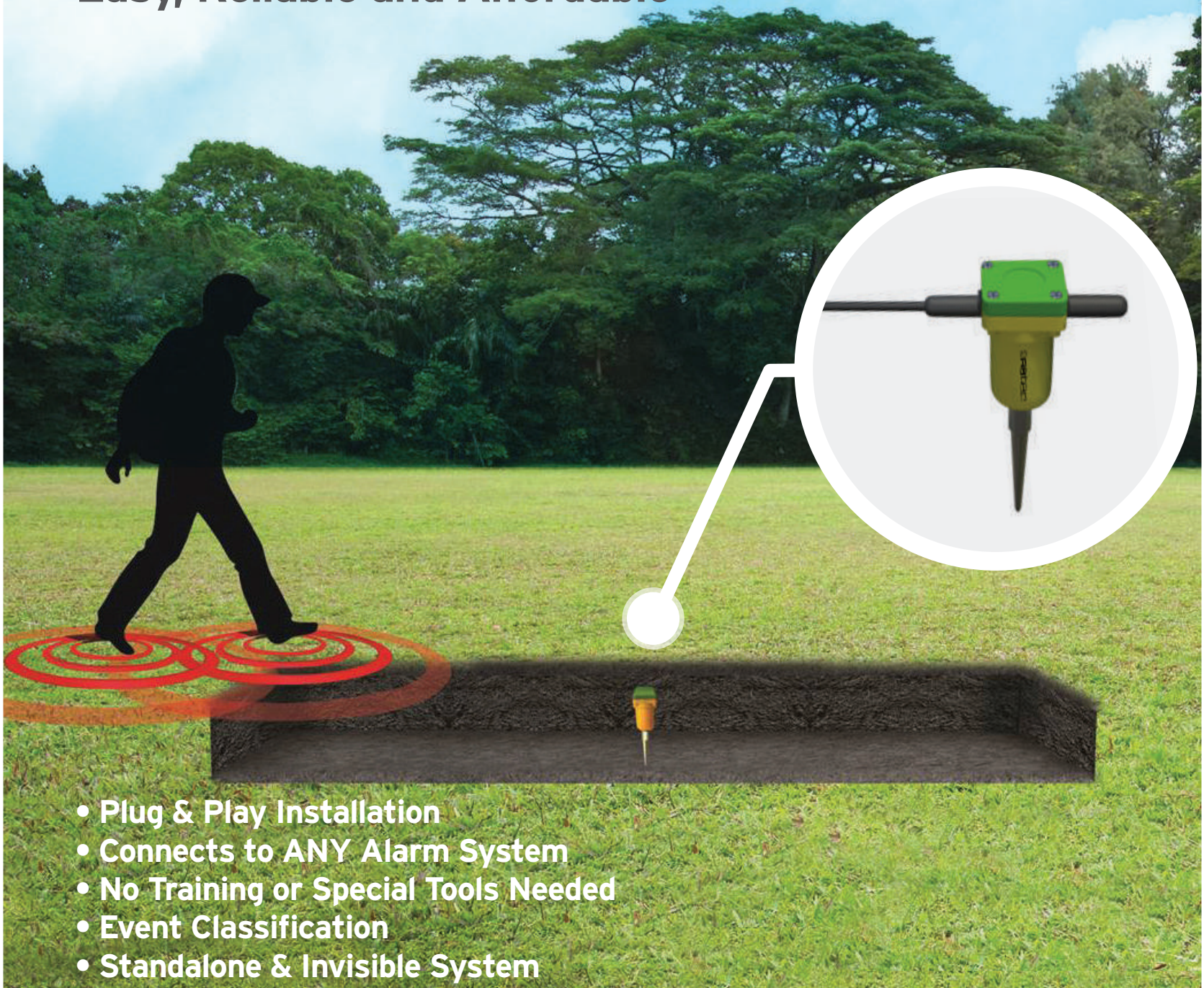


SEISMO

Buried Sensor Kit



**Buried Sensors Made -
Easy, Reliable and Affordable**



- Plug & Play Installation
- Connects to ANY Alarm System
- No Training or Special Tools Needed
- Event Classification
- Standalone & Invisible System

 **RBtec**
Perimeter Security Systems



Your security is our challenge



SEISMO

Buried Sensor Kit

Seismo - Seismic Detector

The **Seismo** is an outdoor seismic detector, which can be integrated with any existing security or alarm system.
 The **Seismo** system comes in 2 variations, single 1 standalone sensor and analyzer or 3 sensing units with single analyzer.
 Seismo is installed underground and is able to recognize footsteps and vehicles movements.
 Seismo is resistant to extreme environmental conditions such as weather & temperature changes and can work in large variety of terrains with no interference by vegetation or strong winds.

Seismo is Ideal for: Access routes, Yards, Farms, Perimeter soft spots, Detection ahead of the fence, Open areas with no traffic.



How it works:

When an activity is registered in the protected area, the **seismic** sensor produces a signal which is processed in real time through the advanced algorithm, identifying which type of activity has been registered; walking or vehicle and triggering an alarm based on the sensitivity level.

The **Seismo** has been developed according to the highest standards and is designed to work without any maintenance.

Seismo - The First Affordable Unattended Ground Sensor

- **User Friendly:** The system is completely plug & play, no training, no special tools needed.
- **Reliability:** A unique cutting edge algorithm. Seismo automatically and continuously calibrating to environmental influences, keeping the false alarms rate at an absolute minimum.
- **Event Classification:** The Sensor algorithm classifies the threat and can be configured to different sensitivity levels for each potential threat (steps/vehicle).
- **Invisibility:** The Detector installed underground cannot be detected by intruders, and does not change the area's appearance. This results in a system which can neither be bypassed nor sabotaged.
- **Outputs:** The sensor includes solid state dry contact relay outputs (N.O, N.C) which provides silent operation and longer operating life.
- **Low Power Consumption:** The detector consumes only 3mW and can be operated by batteries.



Technical Specifications:

System Configuration: 2 KIT Variations - 1 or 3 Sensors + Analyzer.
 Detection Coverage: 1 Sensor - 538sqft/50sqm
 3 Sensors - 1291sqft/120sqm
 Detection Pattern: Circular (360°)
 Power Supply: 3 to 24VDC
 Operating Voltage: 3mW (1mA@3V)
 Outputs: Dry contact N.O, N.C, Optional wireless.
 Operating Temperature: -22f/-30°C - +158f/+70°C
 IP rating: IP66
 Dimensions: 3.74"/9.5cm x 3.74"/9.5cm x 2.24"/5.7cm

In keeping with our policy of continuous development we reserve the right to alter these specifications without notice.

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