

## D-GROUND

### Protection System for Perimeters and Access Routes

The **D-Ground** Security System provides a comprehensive solution for perimeter and access-route protection. It's based on sensitive seismic technology which is used worldwide for detection of earthquakes.

The **D-Ground** operates with seismic sensors which recognize threats whenever fluctuations are sensed in their vicinity. The system identifies the intruder's movements as soon as he enters the access route, road or path, and provides an early warning before the intrusion actually occurs.

The **D-Ground** is installed below ground, cannot be detected nor sabotaged and does not change the area's appearance. The system's self learning algorithm has an extremely high recognition level of diverse threats, with minimum false alarms.

The system is able to recognize a range of threats above and below ground, such as: footsteps, moving vehicles, digging actions and other intrusions. It is highly suitable to the security needs of access routes to various sites: power plants, refineries, agricultural areas, communication systems, detention facilities, strategic and high security zones and so on.





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### Protection System for Perimeters and Access Routes

The **D-Ground's** cutting edge technology provides the ideal access-route protection:

- **Efficiency & Accuracy:** High recognition level, identifies and classifies diverse threats, minimum false alerts, automatically calibrated to environmental noises, performs automatic self-test (BIT)
- **Maintains the area's natural appearance:** The system is installed below ground, cannot be detected and does not change the area's appearance. The system cannot be bypassed.
- **Integrative:** Can operate independently or integrated with existing systems and various applications (Video systems, smart phones, alarm systems, etc.)
- **Adjustable:** allows the user to set a different sensitivity threshold for each threat, at different times of day. Can be installed and mobilized according to customer needs.
- **Reliability:** The system is not affected by weather changes, nor by the area's terrain (plants, hills, etc.)
- **Minimum maintenance, easy operation (plug & play):** The system has an intuitive, easy-to-operate interface, operating on the same battery for years (stand-alone), and does not require any routine maintenance.
- **Specifications:**
  - **Coverage Area:** 120 m<sup>2</sup>
  - **Operating Voltage:** 5 V
  - **Operating Temperatures:** -40°C - +70°C
  - **Relative Humidity:** 95%
  - **IP Rating:** IP-67
  - **UV Protection**