SIEZA

PERIDECT®

Underground perimeter detection system

An invisible and reliable protector of industrial buildings, public institutions and private residences, passively awaiting an uninvited person.

We have developed an accurate underground perimeter detection system that gives virtually no chance to an ordinary intruder to overcome the protected corridor. The installation is essentially undetectable by the naked eye, it can't be easily detected even using special tools, without the intruder being discovered first.

The detection zone boundary can't be identified without getting connected to the technology and a thorough analysis of its operation. In any weather, regardless of climate or soil type.

Technologies for your safety

UNDERGROUND PERIMETER DETECTION SYSTEM PERIDECT®

The accurate underground detection system PERIDECT® is based on the same detection and evaluation principles as the fence variants PERIDECT® Standard, PERIDECT® Hidden and PERIDECT® Antivandal. An evaluation unit, ground detectors, a specially protected BUS and evaluation software form the backbone of the system.

Installation is usually done directly to the trench for all types of soil without any restrictions and/or additional ground shaping – without installation of reinforcements or pads, without gravel, sand or other special bolstering materials, on top of that maintaining the minimum necessary cost of excavation works. Nevertheless, the PERIDECT® Underground remains fully functional during changing climatical conditions – in the dry soil in summer, during the long rains, or throughout the winter months which consist of frozen ground snow and ice. Naturally the installation is possible even under thin concrete, narrow asphalt road, pavements, etc. In the exceptional cases such as massive concrete or other large paved areas with a thickness of more than approx. 10 cm, it is recommended to use the gravel sub-base.

PERIDECT® allows individual settings for particular elements of the system, according to specific conditions at the protected facility and individual customer requirements.

Using the system's unique functionality of "Differential Logic" significantly reduces false alarms caused by bad weather conditions (heavy rain, strong winds, hail) or other global phenomena (a passing train, earthquakes, etc.).

The PERIDECT® system can be easily connected to the standard security and control systems, its integration with CCTV provides a High-end security solution that meets the most stringent requirements for security in all weather conditions. Naturally, remote access and adjustment of the system settings are possible via the Internet. If required, it's modular architecture allows you at any time to branch out and/or extend your already protected perimeter, without changing the previously installed equipment. Easily and without additional cost to existing technology, the underground detection system can be complemented with our accurate perimeter fence detection system.

ADVANTAGES OF THE PERIDECT® SYSTEM:

- Hidden underground detection
- Exact detection
- Differential Logic®
- Low false alarm rate
- Simple architecture
- Individual settings for each detector
- Configurable system
- Suitable for areas with very low temperatures
- Very long operating life
- Simple integration with other technologies (e.g. CCTV)
- Visualisation for a convenient price

CERTIFICATES:

- In compliance with the security norm CSN EN 50131-1 for use within the Czech Military facilities, for civil use and for the National Security Authority (NSA) of The Czech Republic
- Certification of the Technical device issued by the NSA of The Czech Republic
- GOST-R Certificate for importing and installing the system in The Russian Federation
- Certificate for importing and installing the system in The Ukraine

SELECTED VISUALISATION SOFTWARES TO WHICH PERIDECT® IS INTEGRATED:

1 Detection sensor of the PERIDECT® Underground system
2 Typical installation of the PERIDECT® Underground system
3 PERIDECT® configuration software – Monitor Line
4 C4 software visualisation of the detection system PERIDECT®

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Integrated Management System