



PERIDECT®

Perimeter fence detection system – Standard

The main challenges in developing security technologies for the future with regard to industrial and strategic objects and critical infrastructure are assuring the safety of these areas.

A sophisticated criminal act led against a technological facility or strategic object such as a nuclear power plant, large electrical substations, oil refineries, pipelines and reservoirs, water treatment plants, as well as military and other strategic State

objects can have a high negative impact on the economy and safety needs of people.

Customers should therefore demand from the manufacturers of security technologies, the maximum reliable solutions that will match such threats under all circumstances with the minimum of cost and a maximum lifetime.

PERIMETER FENCE DETECTION SYSTEM PERIDECT® STANDARD

Accurate perimeter fence detection system PERIDECT®, offers the solution for precise and effective perimeter protection, particularly of industrial plants and other high risk facilities, such as military objects and areas of unauthorized access.

The PERIDECT® system, with pin point accuracy on every fence panel (usually 2,5 m), effectively detects vibrations caused by mechanical stimulation arising from attempts to overcome it (climbing, cutting, lifting).

For maximum adaptation to the environmental conditions affecting a particular fence, an individual setting of detectors of the PERIDECT® system can be fine-tuned accommodating all environmental implications at the site according to the customer's requirements. Using the PERIDECT® system's unique functionality of "Differential Logic" significantly reduces false alarms caused by bad weather conditions (heavy rain, strong winds and hail).

The technical solution, detection capabilities and versatility of PERIDECT® allow the installation of the system coupled with

reliable detection on almost any kind of fence, regardless of it being a mesh-type-fence, chainlink-type-fence, metal plate fence or wall superstructure with barbed wire. Other versions of the PERIDECT® system - PERIDECT® Antivandal, PERIDECT® Hidden and PERIDECT® Underground - due to their composition and selected technologies provide an extremely long operating life.

The PERIDECT® system is a fully autonomous device that can be easily connected to the standard security and control systems, linking with the CCTV system delivering an advanced solution meeting the highest requirements for safety in all weather conditions. If required, its modular architecture allows you at any time to change or extend the already protected perimeter without changing the previously installed equipment.

Easily and without additional cost to existing technology the fence detection system can be complemented with our accurate underground perimeter detection system. A combination of fence and underground technologies makes it impossible for an ordinary intruder to overcome such a high-end security system.

ADVANTAGES OF THE PERIDECT® SYSTEM:

- Exact detection
- Differential Logic®
- Extremely low false alarm rate
- Simple architecture
- Individual settings for each detector
- Configurable system
- Fast repair
- Operational temperature range
- 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 Detail of the sensor fixed to the fence
- 2+3 The Perimeter fence detection system PERIDECT®
- 4 PERIDECT® configuration software - Monitor Line
- 5 C4 software visualisation of the detection system PERIDECT®

