

Your partner for low  
and high voltage security solutions



# Peridect

## Perimeter detection fence system

Perimeter detection system PERIDECT and PERIDECT+ is designed above all to protect fences and enclosures (i. e. perimeter) against unauthorized access or trespassing. The system can be installed on common types of fences (e.g. traditional netting, rolled welded netting, welded segmented netting, top fence structures) as well as on non-standard types of fences (e.g. metal plate fence, decorative welded fences). Apart from the standard version a more resilient version is provided (version Antivandal). It can be also installed inside of the fence's columns (hidden version) or under the surface for example under pavement tiles.



### Visualization

Remote display of fence status, quick checking for security

### Non-stop surveillance

### Cameras

Remote control and rotation of PTZ cameras

### Alarm system

Status evaluation, transfer to PCO

### Fast and easy overview

## DETECTORS

### Standard

Outside use  
Resistance against UV radiation

### Hidden

Hidden in the top part of columns  
cables included

### Antivandal

Increased resistance against cable damage

### Underground

Underground link cable, depth 40 cm

### Wide range for each situation

## System characteristics

The system detects vibrations caused by mechanical stimuli which happen during and attempt to breach the perimeter (climbing over, cutting, crawling under). The system uses so called "differential logic" which prevents the majority of false alarms caused by weather (rain, wind, hails, lightning) and allows for using the system even under these conditions without any need for manually changing the sensitivity settings of the system.

The system can also directly control analogue PTZ or IP security cameras. Because of modules with programmable inputs the system can be connected to common security switchboards just like a standard sensor. In this case groups of detectors are usually joined to specified inputs and the system detects alarms from individual custom defined zones. Another feature is the option of using a visualization SW or integration SW where the specific place of breach can be displayed as well as communication with other connected systems can be managed.

## Main features

- Modular system – allows for future modifications
- Up to 500 addresses/sensors on one link controller – detection
- Line up to 1.5 km (field with 3 m)
- Secured detection line – master/slave system
- Exact evaluation of place and type of breach
- Independent parameter settings – for each detector
- Detectors are connected symmetrically and the line is galvanically isolated – better resistance against noise
- Direct control of IP and analogue PTZ cameras
- Easy integration into other systems (SW integration, alarm systems, CCTV)
- For different types of fences and terrains – common and industrial netting, metal, concrete, welded, decorative fences
- Easy installation, repairs and service
- Long lifespan – absence of mechanical parts

## Detector types

### Standard

The basic version of the detector. The detectors are connected using a special two-line cable designed for outdoor use with UV radiation resistance. The detection line is always provided with pre-connected detectors which simplifies installation and guarantees system reliability.

### Antivandal

A version with high resistance against cable damage for example in case of cutting by a trespasser or biting by animals. The cable is placed inside a stainless steel protector which provides mechanical protection for the cable. In areas with increased electromagnetic noise the stainless steel protector work also as a shielding. The detection line is provided with pre-connected detectors.

### Hidden

The Hidden version is designed for cases where the fence protection should not be visible. The detectors are installed in the top part of the fence columns and the connecting cables are also placed inside the columns and then underground between the columns (they can also be placed on the foundation wall or directly in the frame of the fence).

### Underground

This version is available only for the system Peridect, not Peridect+. The detectors along with an underground line cable are placed in a prepared trench. The recommended distance between detectors is 1 to 3 meters (the standard delivery is prepared with 2 m distance). Recommended depth of trench is 40 cm, minimal width of the trench is 10 cm treatment of the soil and trench is not necessary.



## Where can the system be installed:

- Industrial buildings and areas
- Commercial buildings and areas
- Power plants
- Electricity or gas distribution boards
- Airports
- Prisons
- Military buildings and areas
- Embassies
- National borders
- Residential and private buildings



## General information and system certifications

- Two year warranty provided and a standard. Can be prolonged up to ten years.
- The system complies with the regulations of the European norm EN 50131-1 for building security and can be used for securing buildings up to security level 4 – high risk.



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SYSTÉM ENVIRONMENTÁLNÍHO MANAGEMENTU ČSN EN ISO 14001  
SYSTÉM MANAGEMENTU BEZPEČNOSTI A OCHRANY ZDRAVÍ PŘI PRÁCI  
OHSAS 18001  
CERTIFIKACE NBU  
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