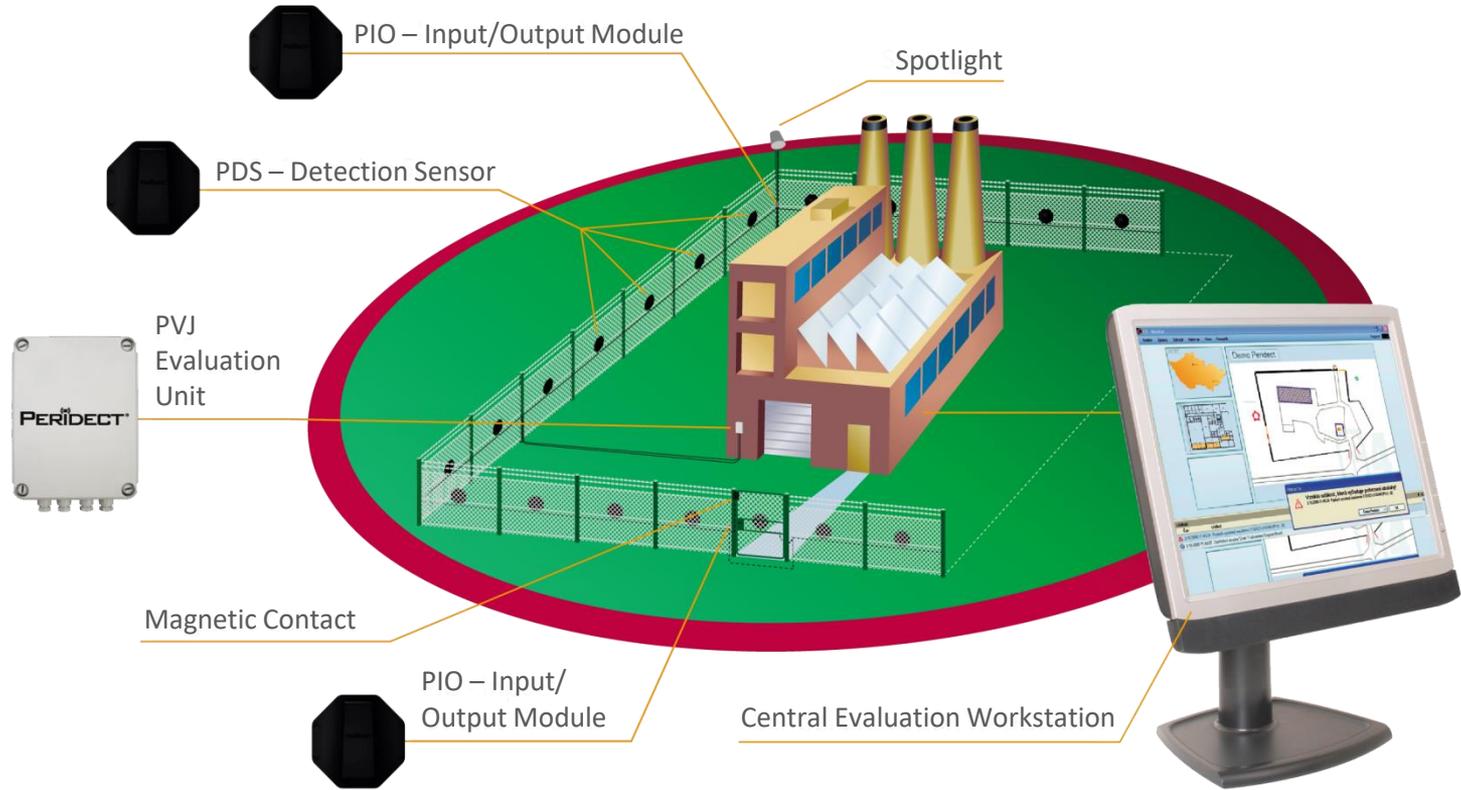


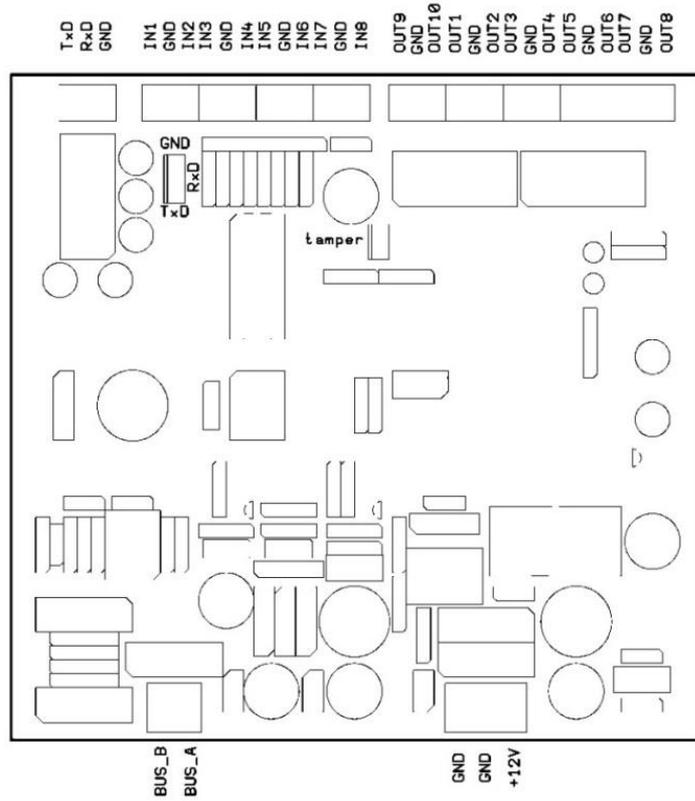
**PERIDECT<sup>®</sup>**



## PVJ – Evaluation unit

- > Controls up to 246 detection sensors PDS
- > Controls up to 8 input/output PIO modules
- > 10 programmable outputs
- > 8 double balanced inputs
- > RS-232 bus
- > Two-wire connection
- > Independent operation
- > Log of events
- > PVJ Light max. 56 detectors, no integration
- > PVJ Light/i max. 56 detectors with integration
- > Plastic box with cable grommets, IP 65





### PDS - Detection Sensor

- > Piezoelectric convertor
- > Very long lifetime
- > 400 samples per second
- > Microprocessor analysis
- > Digital communication
- > Two-wire connection
- > Independent parameter setting on each sensor
- > Sturdy plastic cover



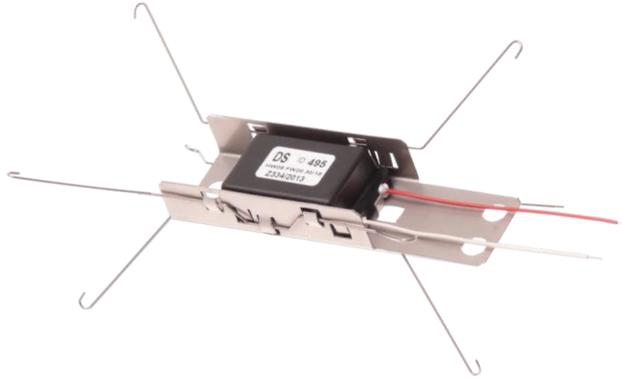
### PERIDECT Antivandal version

- > Stainless steel tube provides increased protection to the system against intruder/animals
- > Stainless steel cable ties
- > Improved resistance against electromagnetic interference



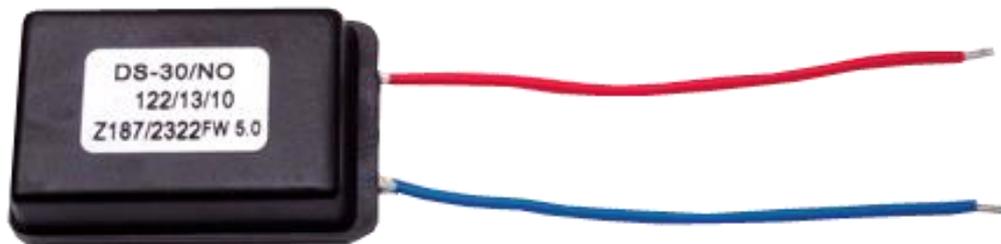
## PERIDECT Hidden version

- > Installation of detectors into fence posts
- > Springs for versatile fixation
- > Installation of data cable in fence posts and in the ground
- > Suitable if we do not want the intruder to be warned or for esthetic reasons (e.g. historical fences)



### PERIDECT detection sensor sensitivity

- > NO - normal sensitivity sensors (good quality, firm, well stretched fences – chainlink, welded fences, metal plate fences)
- > SE - sensitive sensors (lower quality loose fences - usually old or not well stretched chainlink fence)
- > HS - high sensitive sensors (solid, concrete walls)
- > US - ultrasensitive for the underground version



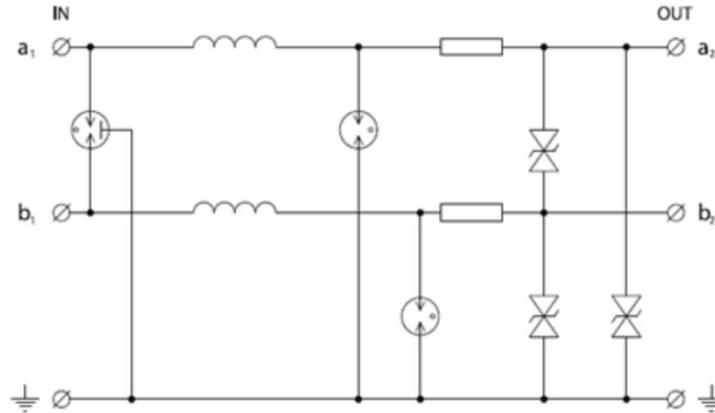
PERIDECT – PP/S(A)

- > Overvoltage protection of detection line



BDM-24

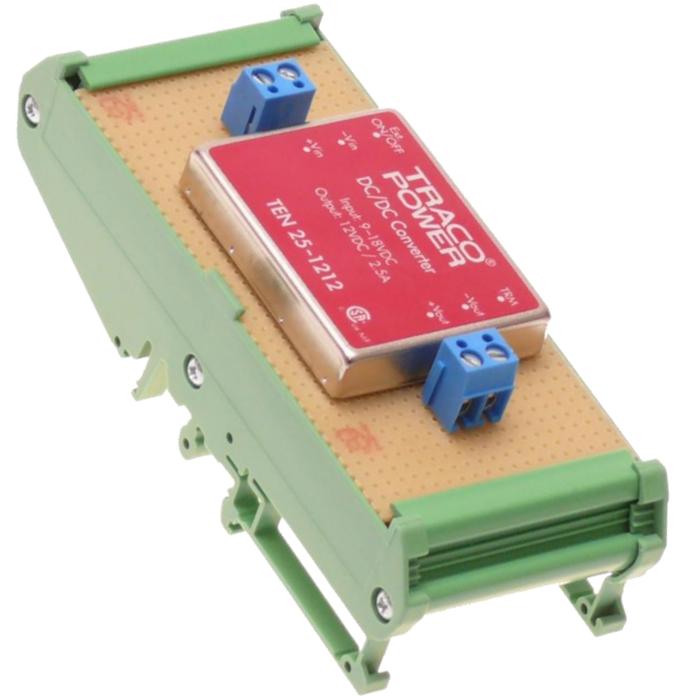
- > Overvoltage Lightning current arrester with three levels of protection



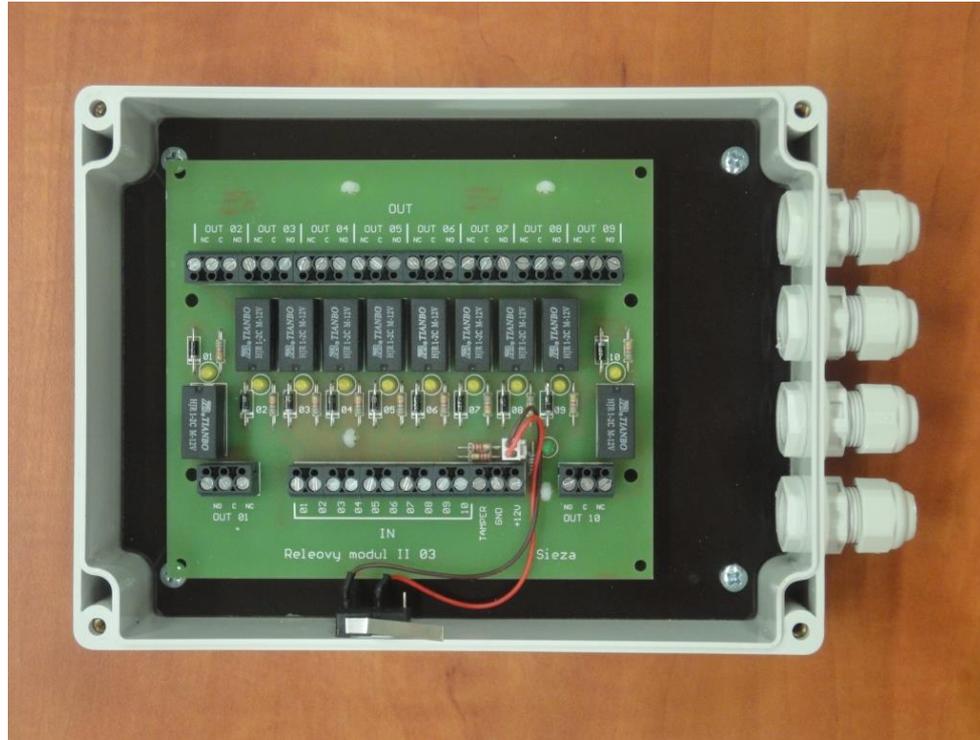
## Converters for galvanic insulation

- > DC/DC convertor – TRACOPOWER
- > RS232
- > Ethernet

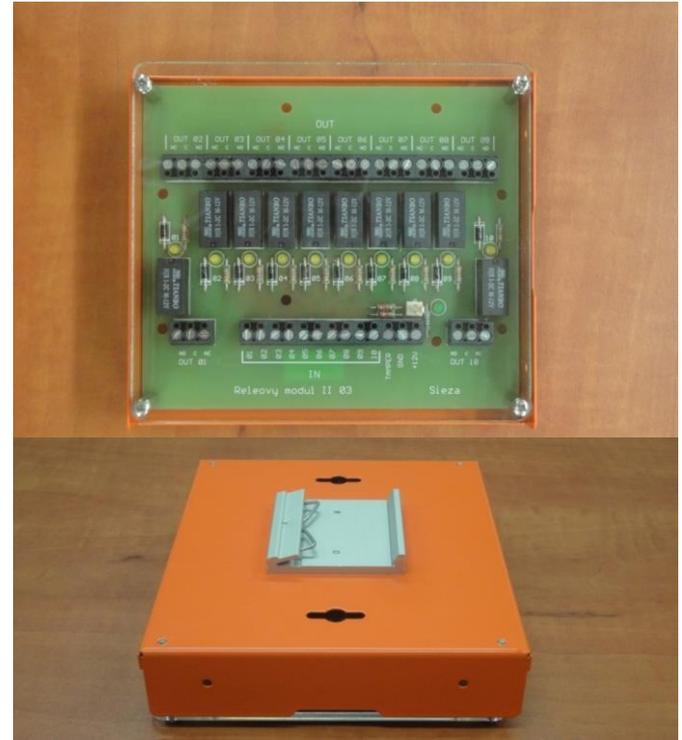
Problematic sites (high power distribution points,  
ground current problems...)



Peridect-RM/BOX



Peridect-RM/DIN





Site  
Visualization  
Program



Security Panel

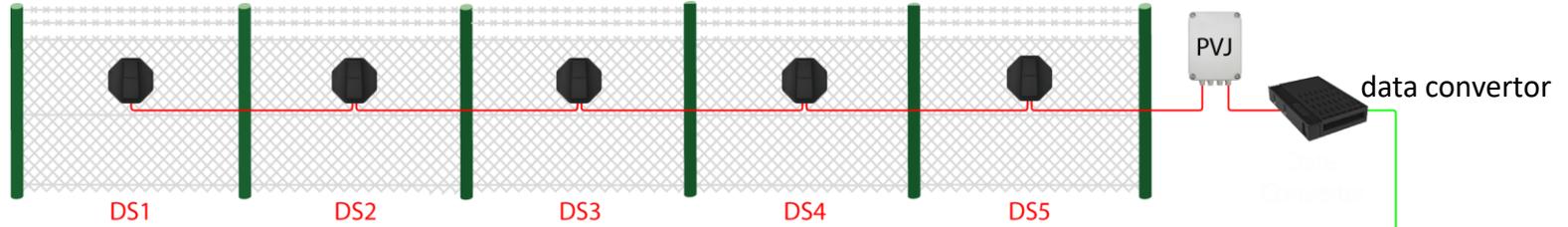


Alarm Receiving Center



Direct Integration (typical for large projects)

Integration to Standard security Panels  
(small projects)

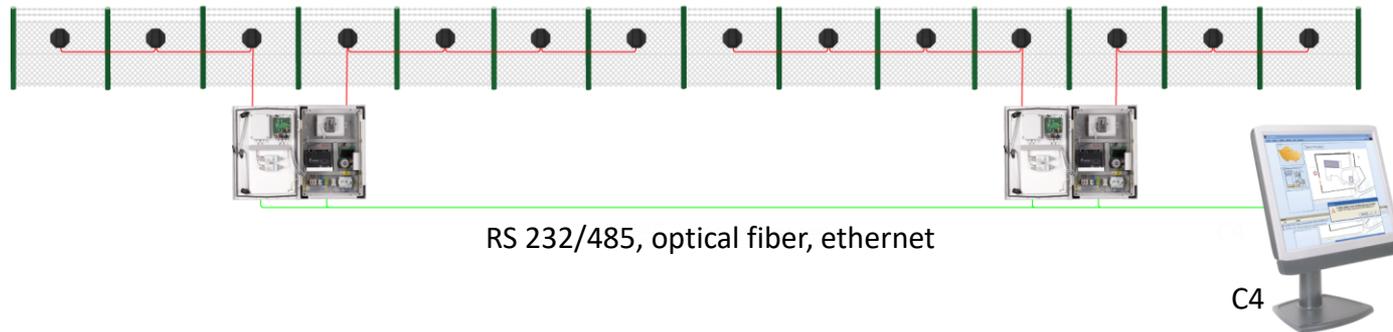


DS – Detection sensor  
PVJ – Evaluation unit

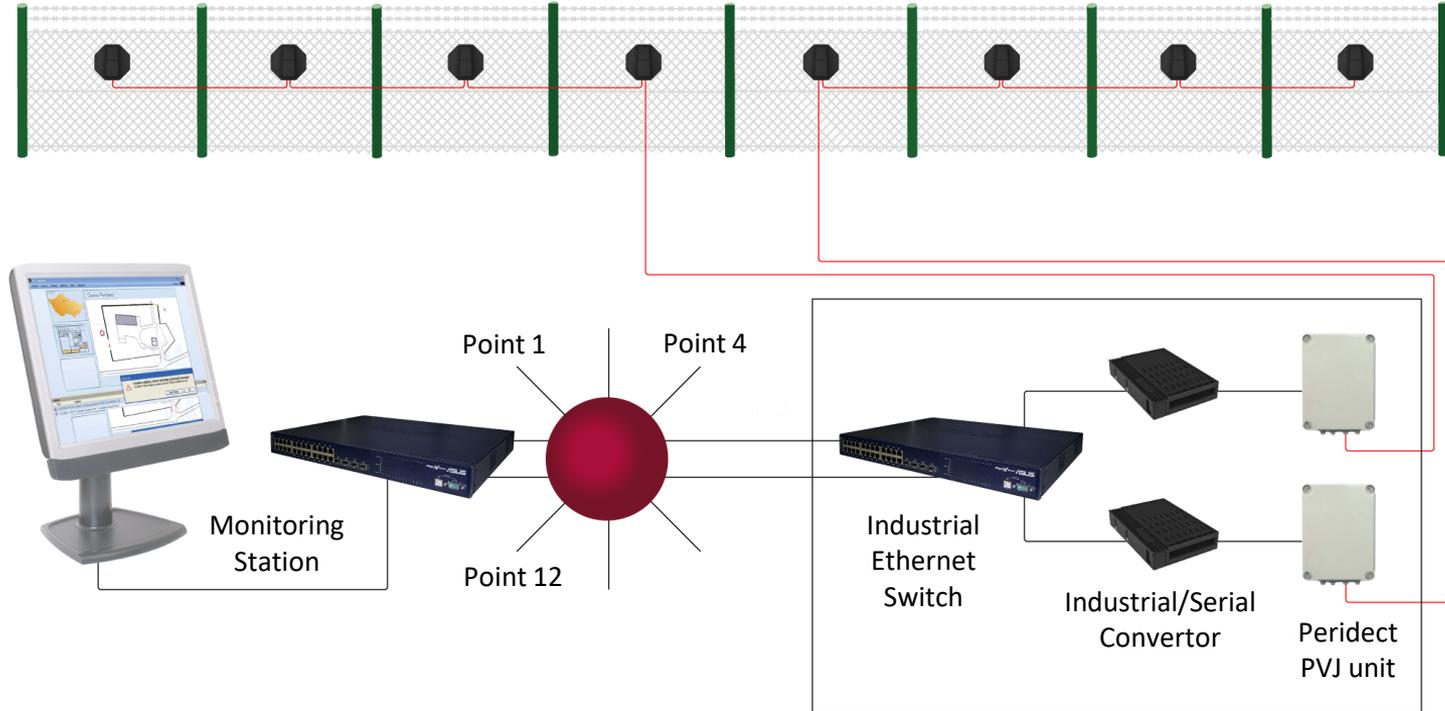


data convertor

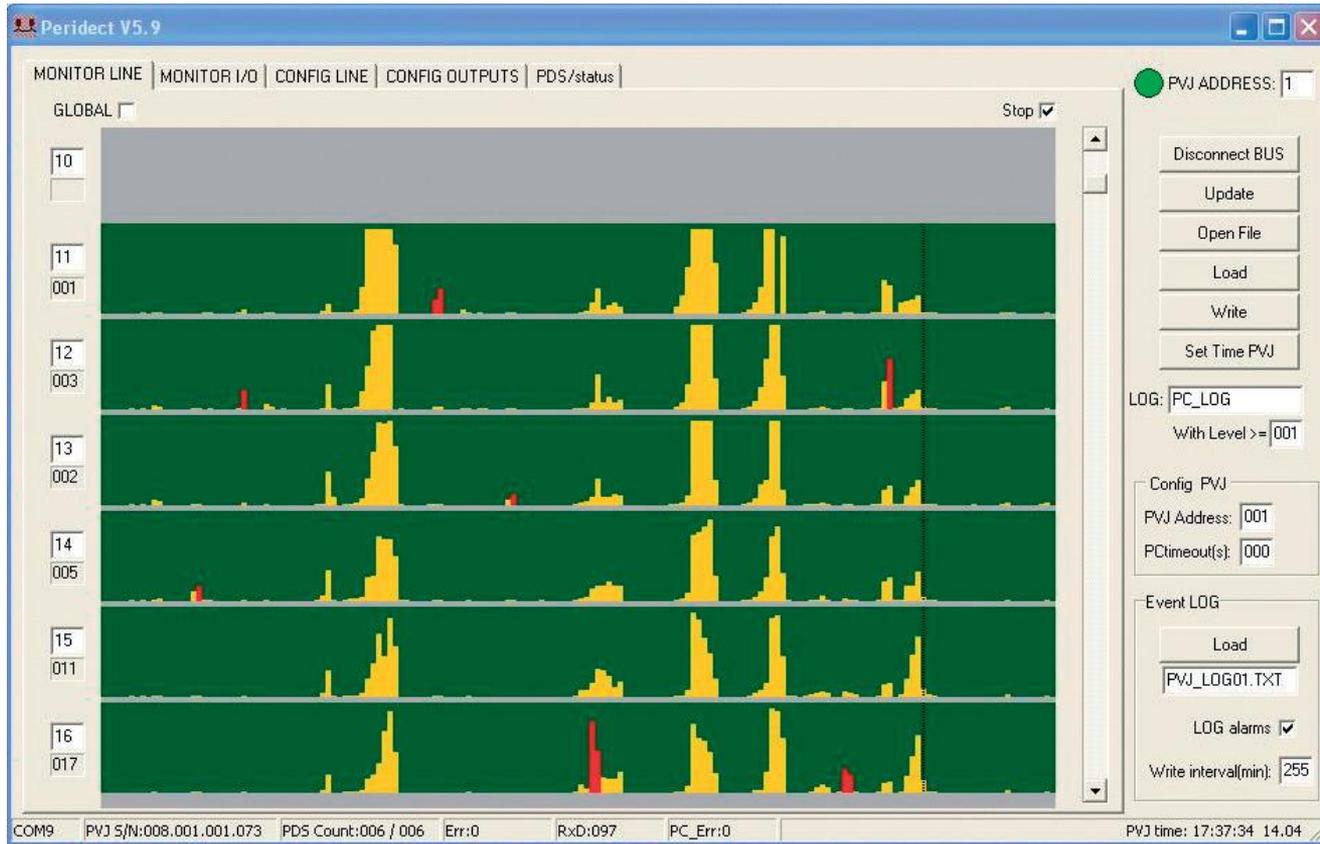
RS 232/485, optical fiber, ethernet



BLOCK DIAGRAM



- > Exact detection of the place of intrusion
- > Very low false alarm rate caused by weather thanks to the unique DIFFERENTIAL LOGIC
- > Simple architecture and easy installation
- > Easy repair and maintenance
- > Independent setting of individual detectors
- > Wide operating temperature range: -55 °C to +85 °C
- > Long operating life thanks to no movable components
- > Simple integration into electronic security systems (CCTV, etc.), affordable graphical visualization software
- > Simple setting of the system both locally and remotely
- > Capability to control other devices on the detection line (light, sounder etc.)
- > 1300m max. detection line length
- > Possibility of detection line branching and also connecting to a circle



Fence detection - standard, antivandal and hidden version













