

Product Specifications



Pin-Point fence-mounted PIDS

ALARM MONITORING & MANAGEMENT PLATFORM



HyperPower™ is a Windows® based alarm monitoring and management platform (SW) that provides to security operators a clear tool for properly manage the data coming from SICURIT PIDS and any third party integrated devices.

HyperPower™ employs advanced software technology to enable the system easily handling the huge amount of data received from its peripherals.

System administrators can easily configure arm/disarm functions, user codes, time zone access, level of access, user group and touch screen terminals time restrictions and define any kind of alarm reactions. Thanks to the free SDK license, HyperPower™ can be integrated in any third party VMS or PSIM. Current integrations include Geutebrueck®, Lensec®, Milestone® and Winguard®.

FENDSP	TECH FEATURES
Power supply	From the controller bus line
Consumption	0.7 mA typically
Operating temperature range	From -60°C to +85°C
IP protection	IP65
Dimensions	52 x 33 x 16 mm (outer cover: 110 x 110 x 40 mm)
FENLCP	TECH FEATURES
Max number of connected HDS	500
Power supply voltage	9-16 VDC
Consumption	60 mA (350 mA at full FENDSP number)
Operating temperature range	From -25°C to +65°C
Dimensions	148 x 126 x 58 mm
FENCUP	TECH FEATURES
Max number of connected FENLCP	2
Power supply voltage	9-16 VDC
Consumption	160 mA
Operating temperature range	From -25°C to +65°C
Inputs	1 x tamper contact
Outputs	4 x Open Collector
Dimensions	148 x 126 x 58 mm
ADDITIONAL ACCESSORIES*	DESCRIPTION
FENLIP	2x Input module (connected to PERIDECT+ bus cable)
FENIOPLAN	Ethernet output module - 2 double balanced Inputs/16 Outputs
FENIOEXP	16 Outputs expansion module (to be connected to FENIOPLAN)

*Contact SICURIT for the complete list of accessories, including pre-assembled cabinet with data transmission equipments.



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PERIDECT

SICURIT
PERIMETER PROTECTION SYSTEMS

Perimeter detection system PERIDECT+ is especially designed to protect the security of an area or objects against an intrusion of unauthorized persons. The system can be installed on all common types of fencing (e.g. traditional mesh, welded wire mesh in rolls, welded fence panels, top fence extensions) and non-standard fencing (fence of metal plates, welded decorative fences). In addition to the Standard version a more resistant version is also available (the Antivandal version). It can be also installed inside the posts of the fence structures (Hidden version) and below the surface e.g. under the walk detection plates.

HOW IT WORKS

The PERIDECT+ detects vibration caused by the mechanical impulse arising from the attempt to break the perimeter (climbing, cutting, crawling under the fence).

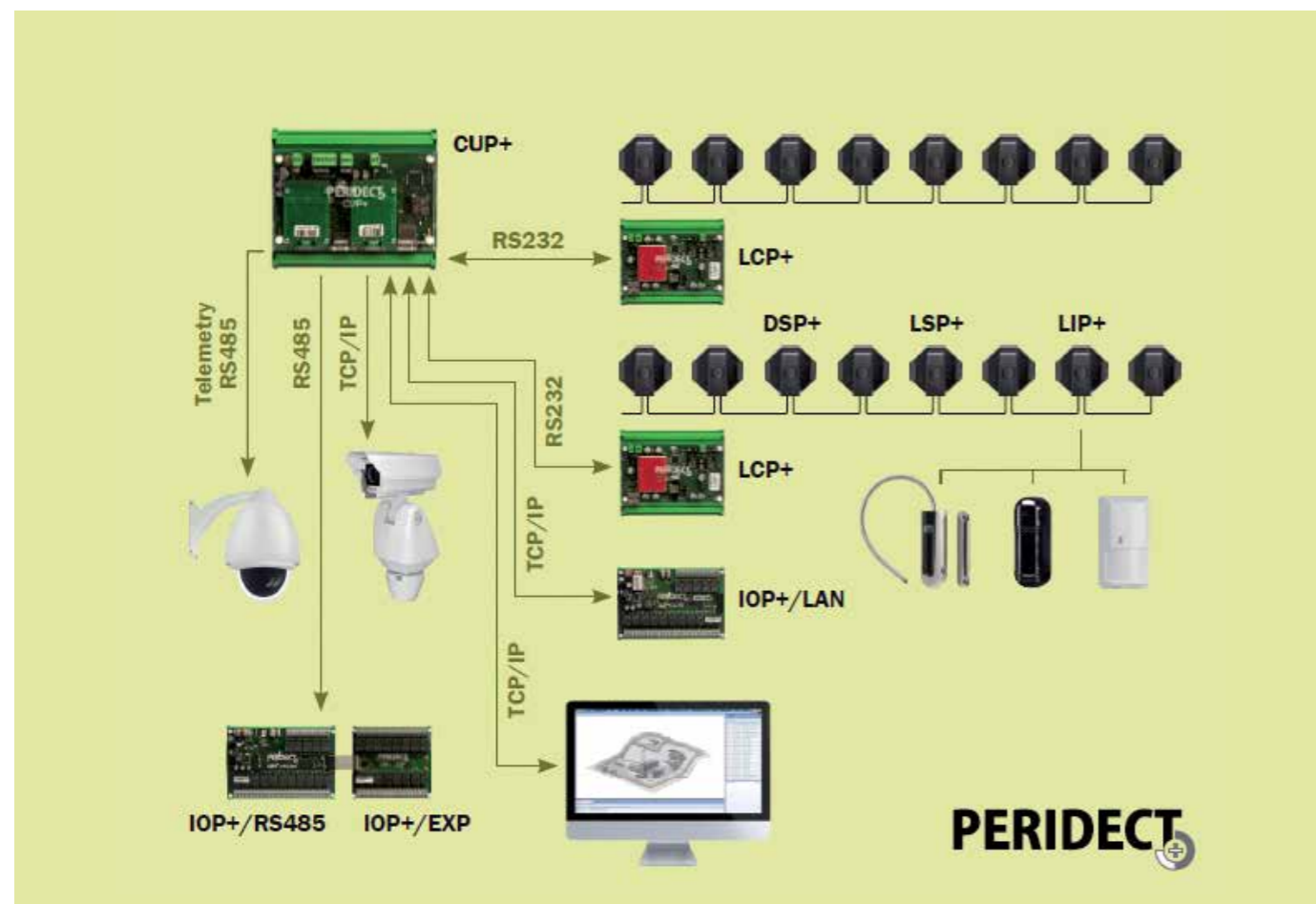
PERIDECT+ uses a Differential Logic which radically reduces false alarm caused by weather (rain, wind, hail, lightning) and allows the operation of the system under these conditions without the necessity to change the system sensitivity manually or automatically.

PERIDECT+ programmable outputs can be connected into standard securit control panels similarly as a standar sensor.

In such a case the groups of the detectors are usually combined into relevant outputs and the system detect alarms from individual arbitrarily defined zones. Another possibility is the connection into the visualisation and integration superstructure (HyperPower), which enables to display the exact place of the intrusion and control the communication with other systems.



BASIC CONNECTIONS OF PERIDECT+

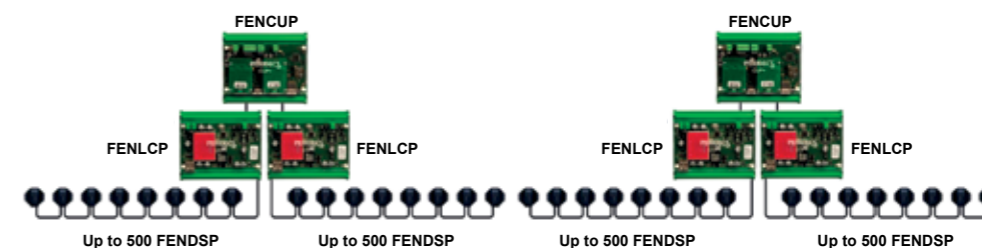


Drawings are for reference only

SYSTEM CHARACTERISTICS

- ✓ **Modular system** – modules, which are primarily designed for the placement on DIN rail, can be easily set up in the required set.
- ✓ **Galvanic line separation** – each detection line is galvanically separated from the evaluation unit, which provides the increased resistance to interference.
- ✓ **Symmetrical connection of detectors** – a two wire cable is used for the connection of the individual detectors in the detection line. The symmetrical connection simplifies the system installation, it is not necessary to follow the wires polarity, and it increases the system resistance to interference.
- ✓ **Connecting up to 500 detectors per one line controller** – this feature allows securing easily large perimeter up to 1500m (for 3m panels). It is possible to use two line controllers in one place and then up to 3000m can be safeguarded or this length can be between two switchboards in the case of a large perimeter.
- ✓ **Safeguarded detection line** – at this connection the line controller is connected to the detection line on each side. One controller (Master) communicates with the detection line in a standard way and the second one (Slave) as a backup monitors the detection line operation. In the case of the communication interruption between the Master controller and some of the detectors (e.g. when cutting the line) the Slave controller takes over the control of the detectors from the other side of the line. The “Safeguarded detection line” can be used in the smaller installations in the ring connection with one control unit and two line controllers and for the large installations the continuous safeguarding of the detection line can be used, when the Slave line controller takes over the control in the case of interruption or a short circuit.
- ✓ **Redundant option** – at this connection the line controller is connected to the detection line on each side. One controller (Master) communicates with the detection line in a standard way and the second one (Slave) as a backup monitors the detection line operation. In case of a communication interruption between the Master controller and some of the detectors (e.g. when cutting the line) the Slave controller takes over the control of the detectors from the other side of the line.

TYPICAL SYSTEM LAYOUT



SUPPORTED FENCES

- ✓ Chain-link
- ✓ Light welded mesh
- ✓ Barbed wire
- ✓ Concertina
- ✓ Welded Mesh
- ✓ Palisade
- ✓ Hyper structured

TYPICAL APPLICATIONS

- ✓ Industrial
- ✓ Transportation
- ✓ Oil&Gas
- ✓ Military

