

SICURFLEX™



Single Zone fence-mounted PIDS

SICURFLEX is a fence-mounted intrusion detection system designed for flexible fences such as chain-link and light welded-mesh types.

Very easy to install and simple to calibrate, is the ideal solution for securing perimeter fencing with minimal investments. The system detects intruders climbing over or cutting a fence by means of a minute strain of the sensor cable. Sensitivity levels can be adjusted in order to meet fence and environmental conditions.

Single Zone based, each Signal Processing Unit can manage up to 500m of sensor cable, typically 250m of fence portion in a dual pass configuration for fences up to 3m high.

How it works

The system operates by means of a sensor cable, which is mounted along a perimeter fence. An electrical signal in response to movement or deformation of the cable will generate, within the desired threshold level, an alarm condition. Environmental noises and harsh weather conditions are discriminated by dedicated filters.



No sensitive zones

Where detection is not required, NO sensitive zones can be created adding within the detection line dedicated junction units and standard RG59 cable (e.g. in order to bypass gates).

TRIBO sensor cable

Key Benefits and why to choose

- Simple integration via dry contact
- Immune to RF interferences
- Very easy to install and calibrate
- No IT components required
- Very low power consumption



Technical Specifications

SYSTEM COMPONENTS

FLCENAN/FLCENANKIT	Single zone evaluation unit
FLCENKITDUO	Dual zone evaluation unit (2x FLCENAN)
FLEXCV	Sensor cable
RG59	Connection cable
FLEXTR	Termination unit of FLEXCV
FLEXCNAN	Junction unit between FLEXCV and RG59

FLCENAN Technical Features

POWER SUPPLY	12VDC
CONSUMPTION	5mA
WORKING TEMPERATURE	-40°C / +80°C
MAX UMIDITY AT 35°C	98%
ALARM OUTPUT	Dry Contact
TAMPER OUTPUT	Dry Contact
SINGLE BOX DIMENSIONS (mm)	90 x 146 x 45 (l x h x d)
HOUSING	IP65

FLEXCV Technical Features

MAX CABLE LENGHT	500m
SECTION DIAMETER	8mm
CUT-SHORT CIRCUIT DETECTION YES	YES
FLEXTR IMPEDENCE	220 K Ω
FLEXTR-FLEXCN DIMENSIONS	42 x 53 x 27mm

High resistance against distortions and UV rays

Optional fixing KIT for sensor cable mounting