



**Protect up to 1 Km
of fence divided into 8 zones**

SicurZone

Multi Zone Sensor Cable Fence Protection System



MAIN APPLICATIONS: Industrial Governmental Residential

SicurZone

The **SicurZone** perimeter protection system provides reliable and cost effective solution for protecting properties from unauthorised intrusions.

SicurZone is a made of a sensitive cable and an analysis unit for the management of up to 8 zones to cover up to 1000 meters of fence.

Where detection is not required, NO sensitive zones can be created.

Main Features

- 8 zones of up to 1km of fence
- Each zone up to 125mt
- Sensitivity adjustment for each sector
- Communication between devices via sensitive vibro cable and from first zone to analysis unit with standard cable (FTP, UTP, RG59, AWG24 etc, up to 200mt)
- Open Collector outputs: sector alarm (up to 8), tamper, supervision, cut and short cable, zone analyzer low battery
- Independent sector analyzer power supply by battery
- Full diagnostic shown on analisys unit by high intensity leds
- Sensor battery life over 3 years.

SYSTEM COMPONENTS	
FENSECTAN	Evaluation unit
FENSECTCR	Field zone controller (max 8 per FENSECTAN)
FLEXCBVB	Sensor cable
RG59	Connection cable
FLEXTR	Termination unit of FLEXCB
FLEXCN	Junction unit between FLEXCB and RG59
CR17450	Battery for FENSECTCR (lifetime 3y)



FENSECTCR - FIELD ZONE CONTROLLER	
POWER SUPPLY	3V lithium battery
BATTERY	CR17450 @ 2300mA
BATTERY LIFE	3 years
STAND-BY STATUS CONSUMPTION	25uA max
ALARM STATUS CONSUMPTION	450uA max
WORKING TEMPERATURE	from -20°C to +65°C
HUMIDITY	90%
PLASTIC BOX DIMENSIONS (mm)	250 x 300 x 160 (l x h x d)
WEIGHT	200gr.
HOUSING	IP65
FLEXCBVB - SENSOR CABLE	
MAX CABLE LENGHT	max 125mt/zone
SECTION DIAMETER	8mm
CUT-SHORT CIRCUIT DETECTION	YES
FLEXTR IMPEDENCE	220 KOhm
FLEXTR-FLEXCN DIMENSIONS	42 x 53 x 27mm
High resistance against distortions and UV rays	
Optional climping KIT for sensor cable mounting	

FENSECTAN - EVALUATION UNIT	
POWER SUPPLY	12VDC (11-14,2)
CONSUMPTION	<20 mA (JP1 off)
MAX CONSUMPTION	250mA
OC OUTPUTS	NPN to negative
OC OUTPUTS	Resistive load / relay coil (1Kohm-12V)
OC OUTPUTS	Maximum applicabile voltage 14.2VDC
OC OUTPUTS	Saturation voltage 0.6V =
OC OUTPUTS	Minimum alarm time 2 sec.
FUSE F1	315mA half-delayed 5x20T
WORKING TEMPERATURE	from -10°C to +65°C
HUMIDITY	90%
PLASTIC BOX DIMENSIONS (mm)	250 x 300 x 160 (l x h x d)
WEIGHT	1300gr
HOUSING	IP65