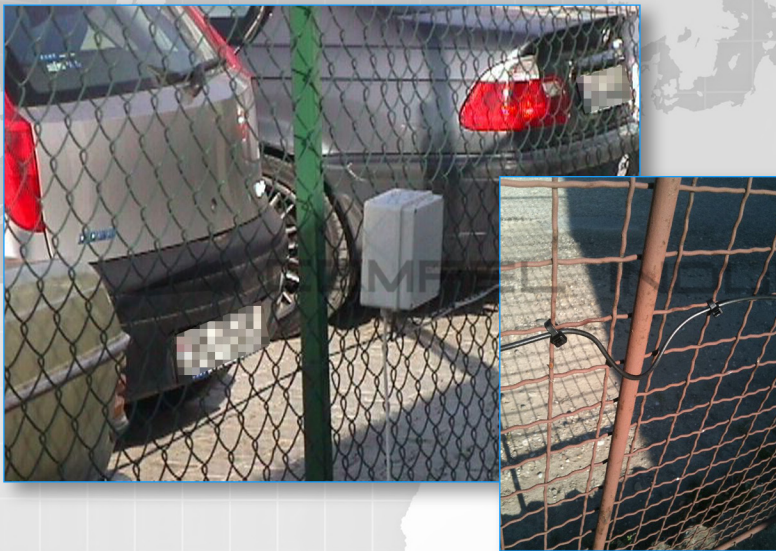




RASS-1 GUARD SYSTEM TO SECURE FENCES AND WALLS

MAIN CHARACTERISTICS

RASS-1 is a special coaxial cable Sensor which works on the principle capacity comparison. The RaSS system is a classically braided cable system which can be fitted to existing walls and fences or built directly into walls. The digital analyzer is braided, which mechanically protects the sensor itself and which evaluates all processes and generates an impulse response (alarm signal) to the central unit.



RASS IS USED TO SECURE PREMISES AND AREAS OF

- CHAIN LINK FENCE
- LATTICE FENCE, BOUNDARY WALL, SECURITY FENCE
- INSIDE THE BOUNDARY WALL – AGAINST DEMOLITION ATTACK
- UNDER GROUND

TECHNICAL SPECIFICATION

MAXIMUM LENGTH OF THE CABLE	1000 METERS FOR ONE ANALYSER UNIT
MINIMUM LENGTH OF THE CABLE	10 METERS
CAPACITY OF THE CABLE	100 pF/m
TERMINATION IMPEDANCE	1 Mohm
OPERATING TEMPERATURE RANGE	-40C TO +85C
INGRESS PROTECTION RATING	IP54 (CLASSIC) IP65 (ANTI-VANDAL)
STAND BY MODE OF OPERATION POSSIBLE	
OUTPUT	
ALARM/ALERT	NORMALLY CLOSED CONTACT (0.5 A)
TAMPER	NORMALLY CLOSED CONTACT (0.5 A)
OPERATING VOLTAGE	12 VDC TYPICAL, CAN RANGE FROM 9 TO 24 VDC.
OPERATING CURRENT	20mA

EXAMPLES OF USE

- Fence protection of hydro plants
- Fence protection of power plants and substations
- Fence protection of airports and hangars
- Fence security in free warehouses and parking lots
- Security in production houses and industrial areas
- Signal walls generation in special cases