

NEW DETECTOR!

WHAT IS IT?

It is intended for protection of any types of fence from an intrusion by means of climbing over or destroying them. Triboelectric detector is mounted only on flexible fences made from barbed wire, wire mesh-type netting "Rabitsa", galvanized welded mesh or from a flat or round reinforced barbed tape.

WHERE IS IT USED?

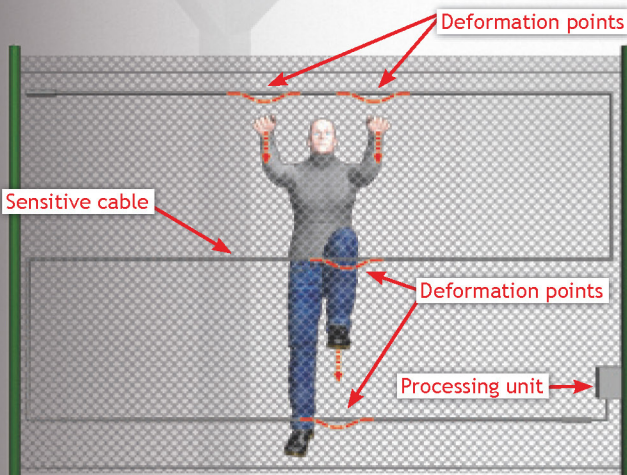
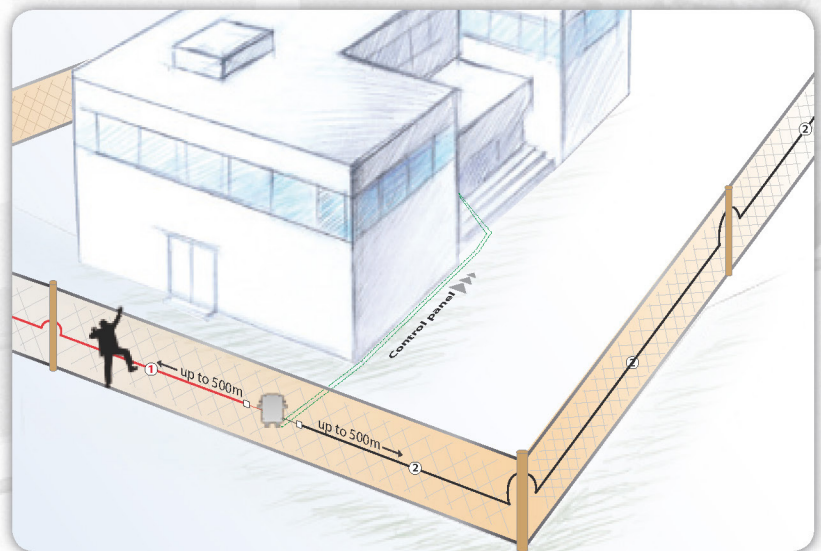
It can be used for perimeter protection of big manufacturers and factories, warehouses and residential premises, car park and private territories. The detector is also used to protect underground utilities.

WHY TO CHOOSE IT?

1. Possibility of hidden installation on some kinds of barriers;
2. Resistance to climate factors and industrial noise;
3. Work on complex perimeter fences consisting of various types;
4. Monitoring the integrity of the sensitive element;
5. Built-in RS-485 interface;
6. Built-in self test.

MAIN TECHNICAL SPECIFICATIONS:

The length of the perimeter of the protected area	Up to 1000m
Setting the sensitivity of the detector	With Computer
Setting the detector to changing environmental conditions	Automatically
Power supply	9-36 V DC
Type of output device	2 optron relays
Power consumption	Not more than 1,0 VA
Temperature	-45 °C...+50 °C
Humidity	95%
Case's material	Metal



PRINCIPLE OF OPERATION:

1. Sensitive cable is installed on the fence and connected to the processing unit;
2. Intruder tries to climb over the fence and deforms it in several places;
3. Deformation is transferred to a sensitive cable fixing points;
4. Sensitive cable receives deformation from the fence;
5. Processing unit detects deformation of cable;
6. Alarm signal is generated by opening relay contacts.