

MEANS OF PROTECTION OF PERIMETERS

THE MOST POPULAR WIRE-WAVE DETECTOR IN RUSSIA

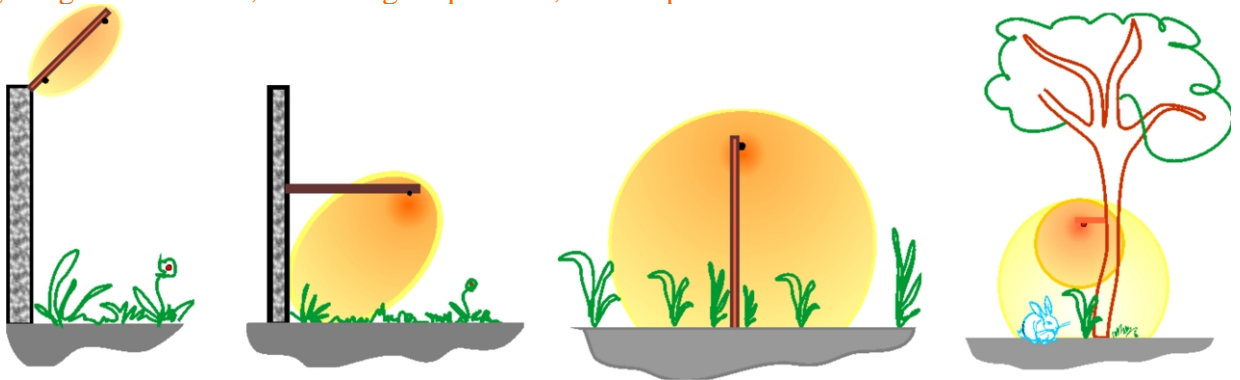


Wire-wave two-positioned detector **IMPULS-12**

The detector “Impuls-12” is designed to monitor of sites of boundaries of any complexity. The base of detector is a two-wire directing system which can be installed along the ground surface or in the upper part of a barriers, on walls of buildings, roofs and other constructions. The spatial detection area is formed along two parallel wires (upper and lower wires), attached to dielectric consoles or supports. The cross-section of detection area is an ellipse which focuses coincide with projections of wires to a plane of section.

Depending on application the detection area (DA) can be formed:

- 1) a “canopy-type” version with any pitch along the upper part of a barrier, the sizes of DA 0,9 x 0,5 m;
- 2) along the barrier, DA’s height up to 1,5 m, width up to 1 m;
- 3) along the ground surface, DA’s height up to 2 m, width up to 2 m.



The basic technical data:

- length of detection area – 20...250 m;
- Probability of detection – not less than 0,98;
- The period of an operating time on false alarm – not less than 1000 hours;
- Power supply – constant-current source or alternating-current source;
- Input voltage – 11...36 V, a current of consumption – no more than 40 mA;
- Temperature range from -50 °C to +50 °C, at overheating of cases of units no more than +110 °C;
- Warranty period of operation – 3 years;
- Service life of the detection units – not less than 10 years.

