

Linar-PRO wireless microwave security detector

The wireless microwave barrier Linar-PRO detects when a person moves across the area between the two modules. It is used to protect a perimeter of a territory or temporarily secure a certain area. Both modules are equipped with rechargeable power supply units that provide up to 8 months of battery life. The device is waterproof and maintains normal operation even under severe weather conditions. Linar-PRO can be installed on a tripod or mounted on a wall or a fence.



Communication between the detector and the translator / expander modules is wireless, via the "Argus-dialog" bi-directional protocol. When Linar-PRO sends an alarm signal, it travels through the wireless expanders to the translator module, which then informs the main control panel about the emergency.

Features and benefits

- Detection range up to 100 m.
- No blind spots in the detection area
- Bi-directional wireless communication
- Fully intelligent
- 8-month battery life (rechargeable)
- Self-optimizing wireless frequency and amplitude algorithms
- 5-year product warranty

Technical specifications

Detection range	5-100 m
Width of detection area	3 m
Communication range with the translator or repeater (open space)	1200 m
Detection frequency	10550±35 MHz
Communication frequency	868 MHz
Modulation type	FSK
Operating frequency channels	6
Battery life:	8 months
Dimensions (with tripod and PSU)	185 mm x 185 mm x 750 mm
Weight (with tripod and PSU)	5 kg
IP rating	IP65
Max tolerated humidity (no condensing)	98% RH
Operating temperature range	From -40 °C to +70 °C

Warranty

All devices are supplied with the benefit of a limited 5 years warranty (the warranty period does not apply to batteries). This warranty is invalidated by mechanical or electrical damage caused in the field by incorrect handling or usage. Product must be returned via your authorized supplier for repair or replacement together with full information on any problem identified.