



FILIN

The FILIN is a passive linear infrared detector designed for perimeter protection. The detector detects thermal radiation from an intruder moving in the detection zone.

Features

- low current consumption
- narrow detection zone
- slow motion detection
- anti-dust and water resistant housing (IP53)
- the detector is resistant to white light (not less than 4 500 lux)
- the detector implements automatic sensitivity adjustment.

The detector is tolerant to:

1. precipitation (rain and snow)
2. exposure to solar radiation
3. wind up to 20 mps;
4. terrain flatness $\pm 0,3$ m
5. grass up to 0.3 m
6. snow depth up to 0,4 m

Specifications

Detection zone length, m	up to 100
Detection zone height (detection zone length is adjusted to the max), m	2
Detection zone width (detection zone length is adjusted to the max), m	3
Detection speed range, mps	0.1 - 3.0
Installation height, m	at least 2
DC power supply voltage range, V	9.0 - 27
Current draw (in STANDBY and ALARM modes), mA	up to 13
Warm-up time after power up, sec	90
Warm-up time after ALARM message generation, sec	10
Alarm message duration, sec	7
Detection probability	0.98
Operating temperature range, °C	- 40...+55
Relative humidity	98%
Device size, mm	125 x 120 x 130
Weight, kg	0.6
Average life time, years	8
Warranty, months	24

The set includes

Item	Quantity
Detector unit	1
Initial assembly kit	1
User's manual	1

Approximate detection zone shape

