SB450-N

AIR four-beam detector 50 m with integrated Heater and Alignment tool

The new SB active infrared beams' series includes two-beam and four-beam detectors, which generate an alarm when 1 or 2 beams are interrupted, ignoring birds, small animals, dead leaves, etc.

They consist of two identical detector modules equipped with detector cells integrating both transmission and reception functions. These modules are installed facing each other over the distance to be protected providing a non-physical invisible detection zone.

Detectors are based on a system of pulsed infrared beams, and operate on four user-selectable frequencies (channels), which allow avoiding any risk of interference between detectors.

Thanks to an integrated alignment tool, which provide visual and audible signal, beams are much quicker and easier to align.
Heater is also integrated on the beams.

Thanks to modules interconnectivity option (offered for SB250-N, SB2100-N, SB450-N and SB4100), there are NO detection gaps between modules.



Details

- 4 active infrared (AIR) beams
- Outdoor range 50 m
- 4 selectable channels
- On board regulated heater
- Disqualification
- Integrated alignment tool (visual/audio)
- NO gaps in detection between modules thanks to interdetection option
- Receiver and Transceiver in one module
- Modular pillar for 180° & 360° view
- Very strong pillars up to 3 m

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Technical specifications

General

Category	Active Infrared Beams
Product type	Active Infrared Beam
Infrared system	4-beam LED
Tamper	NC

Detection

Range	50 / 125 m (outdoor / indoor)
Alarm response time	50 to 800 ms
Disqualification response time	60 s non-adjustable

Inputs/outputs

Alarm output	NC
Supervision output	NO

Electrical

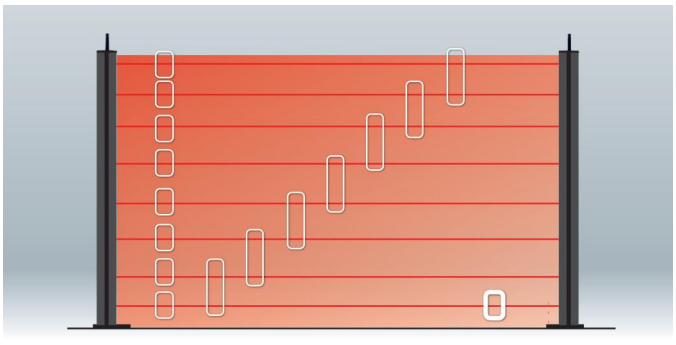
Power supply value	10 to 15 VDC (heater supports VDC / VAC)
Current consumption	55 mA (1 module)

Physical

Physical dimensions	84 x 390 x 113 mm
Net weight	1.1 kg

Environmental

Operating temperature	-25 to +55°C
Environment	Outdoor
IP rating	IP44



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