Carrier

SB2100-N

Bariera IR, 2-wiązki 20cm,zasięg:200m wewn. 100 m zewn.,w obud. IP44, możliwy montaż w słupkach,z grzałką

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

- 2 active infrared (AIR) beams
- Outdoor range 100 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

Accessory group	Obwodowe / Zewnętrzne
Type	Tester

Electrical

Napięcie znamionowe	10 to 15 V
Pobór prądu	47 mA

Physical

Wymiary	84 x 280 x 113 mm
Masa netto	0.9 kg

Environmental

Szczelność IP	IP44

Max. range indoors

250 m

Max. range outdoors

100 m

Number of beams

2

Beams interruption switching mode

All beams

Intrusion alarm response time

50 to 800 ms

Disqualification alarm response time

60 s non-adjustable

Typical duration of intrusion alarm

Duration of cell interruption, with a minimum of 4 s

Beam power supply

10 to 15 VDC

Beam current consumption at 12 VDC (1 module)

47 mA

Heater power supply

10 to 15 VAC/VDC

Heater current consumption at 12 VDC (1 module)

80mA

Output relays

Alarm (NC = alarm off)

Tamper (NC = alarm off)

Disqualification (NO = alarm off)

Operating temperature (with heater)

- 25 to +55°C

IP rating

IP44

Output rating (each)

30 VDC, 500 mA

Integrated alignment tool

Optical viewfinder system, LED, buzzer indicating quality of the received signal

Cell direction adjustability

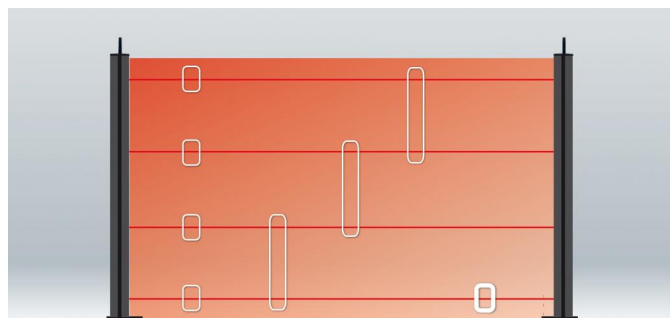Vertically +/- 10°

Module direction adjustability

Horizontally +/- 90°

Weight

0.9 kg

Dimensions (W x H x D)

84 x 280 x 113 mm