

# ISN-AP1 Passive-Infrared Detectors

## Excellent catch performance and easy installation



**BOSCH**

Invented for life



**Easy Line**

**Fast.  
Complete.  
Secure.**



Bosch Security Systems is introducing a range of passive infrared (PIR) motion detectors for low-risk applications (EN50131-2-2 grade 1 and grade 2). The detectors deliver economical, reliable performance with a minimal number of false-alarms. Bosch quality and reliability in an entry level motion detector.

The detectors are designed to protect small areas up to 7.5 x 7.5 m where crawling below the detector is not possible.

The compact, fine design is the ideal choice for private applications.

### Key benefits

- ▶ Easy and quick to install
- ▶ High false alarm immunity
- ▶ EN50131-2-2 Grade 1 and 2
- ▶ Nice and compact design for unobtrusive installation in private homes

### Easy installation

Mounting height can be adjusted either between 2.0 and 2.4 meters or between 2.4 and 2.8 meters and installation is easy thanks to the Bosch two-piece design. During installation and mounting it's only necessary to remove the cover. The circuit board and optics stay intact, increasing installation speed, ease, and effectiveness.

### Maximum reliability

The detectors incorporate an embedded microcontroller with sophisticated signal processing, including Bosch's proprietary First Step Processing (FSP) that responds to human targets virtually instantly without producing false alarms from other sources. FSP, moreover, automatically adjusts the detector's sensitivity to suit critical parameters in its surroundings such as signal amplitudes and timing, eliminating the need for the installer to select the sensitivity level. PIR sensitivity is also automatically adjusted to identify human intruders at critical temperatures, accurately detecting human body heat and further reducing false alarms.

### Play It Safe – Both detector models comply with EN50131-2-2 Grade 1 and 2

Going beyond the EN50131 standards, Bosch detectors fulfill the requirements of standards all over the world: Afnor, VdS, Incert, SBSC, FG, NCP, CCC, A-tick, UL639 and FCC part 15 subpart B, Class B, and many more. The Bosch laboratory, in fact, verifies that all detectors pass the most stringent tests of each standard. Bosch has also designed its own, even more demanding, tests, including customized EMI and RF tests – thus ensuring that its detectors are virtually immune to environmental disturbances. As a result, false alarm immunity and catch performance always exceed by far the requirements of any single country, ensuring that worldwide, with Bosch intrusion detectors, there is no hiding place for intruders.

## Easy Line

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Easy Line is a product range from Bosch Security Systems for small businesses and residential homes. Comprising easy-to-install video surveillance, intrusion, access control, public address and discussion systems, everything about Easy Line is characterized by simplicity and affordability. In short, Easy Line means you get high quality products combined with excellent value for money.

From petrol stations to town halls, from shops to residential homes, Easy Line products set the standard for technology, reliability and durability.

### Bosch Security Systems

For more information please visit  
[www.boschsecurity.com](http://www.boschsecurity.com)

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