

# PIR DETECTOR IR200



**The Passive Infrared Motion Detector is a microprocessor controlled PIR Detector.**

Its advanced Digitalized Adaptive Signal Processor algorithm enables the PIR Detector to maintain a stable sensitivity level regardless of changes in its environment or outside interference.

In addition, it is tamper-proof against opening of its enclosure and removal from its mounting surface, and sends regular supervision signals to check system integrity.

## FEATURES

- Microprocessor Controlled with advanced Digitalized Adaptive Signal Processor algorithm
- Surface and Corner mounting removal tamper protection
- Randomized Supervision signals for trouble-free system integrity checking
- Low Battery detection
- Superior white light noise rejection
- Detection range: 12 meters at 90° angle
- Superior radio Interference rejection of up to 20V/m at frequencies of 100KHz to 1GHz
- Automatic Power Saving Mechanism
- Insect and dirt proof
- Compact & low profile
- Temperature compensated sensitivity control

## Specifications

*Power: Alkaline AA batteries x 2*

*Battery life: 3 years or over 1*

*Radio frequency: 868.6375 MHz*

*Range: over 300 meters in open space*

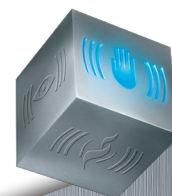
*Operating temperature: -20° to 50°C*

*Humidity: up to 95% non-condensing*

*Dimensions: 120 x 74 x 55 mm*

*\* Note 1: Battery life is calculated at an average of 20 activations per day.*

*www.elkron.com - e-mail: info@elkron.it*



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