

Passive Infra-Red Motion Detector IR-9 & IRA-9

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.



IR-9 & IRA-9 is **compact in design** and uses Lithium battery, thus ensuring longer battery life. 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:

- Powered by pre-inserted **Lithium** battery for easy installation
- 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
- LED: Fault & Test Mode indicator
- LED also doubles as the Walk Test mode activation button
- Temperature compensated sensitivity control
- Complied with CE requirements

Specifications:

- Power: Lithium AA battery x 1 (pre-inserted)
- Battery life: 5 years or over¹
- Radio frequency available:

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|-----------|------------------------|
| IR-9-433: | 433 MHz |
| IR-9-868: | 868.6375 MHz Narrow FM |
| IRA-9: | 868.35 MHz |
- Range: 433 MHz or 868.35 MHz: over 200 meters in open space
868.6375 MHz: over 300 meters in open space
- Operating temperature: -20° to 50°C
- Humidity: up to 95% non-condensing
- Dimensions: 94 X 64 X 42 mm

* Note¹: Battery life is calculated at an average of 20 activations per day.

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