

Passive Infra-Red Motion Detector IR-7, IR-8 & IRA-8

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
- Complied with CE requirements

Specifications:

- Power: Alkaline AA batteries x 2
- Battery life: 3 years or over¹
- Radio frequency available:

IR-7:	433 MHz
IR-8:	868.6375 MHz Narrow FM
IRA-8:	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: 120 X 74 X 55 mm

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

