

# Infra-Red PIR Motion Detector

Detects Movement, Providing a Monitored Home Security System



This microprocessor controlled PIR Motion Detector provides quality detection. Its advanced Adaptive Digital Signal Processing (ADSP) algorithms enable it to maintain a stable yet highly sensitive level of detection regardless of changes in the environment or outside interference. Equipped with a remarkable battery life of 3-4 years in typical environments.

Easy to install, and adopting the latest RF technologies, it delivers super speed signal transmission with an extensive communication range of up to 100 meters in open space. With fast data transmission, it's designed to effectively reduce signal collisions and improve battery life.

Its tamper-proof design prevents the opening of its enclosure and the removal of the device from its surface mounts. The elegant white housing allows it to blend naturally with any home decor.

## Features

- Pre-inserted Lithium battery for easy installation
- Microprocessor controlled with advanced ADSP algorithms
- Long battery life
- Super speed signal transmission
- Two selectable sensitivity levels
- Surface or corner mount with tamper protection

- Randomised supervision signals for system integrity checks and troubleshooting
- Low battery detection
- Superior white light and noise rejection
- Superior radio interference rejection of up to 20V/m at frequencies of 100KHz to 1GHz
- Detection range: 12 meters over a 100° angle
- Automatic power saving mechanism
- Insect and dirt proof
- Compact and low-profile
- LED serving as a fault and test mode indicator or a walk test mode button
- Temperature compensated sensitivity control
- Compliant with CE requirements

## Specifications

- Battery: Li CR123A 3V 1500mAh x 1 (pre-inserted)
- Battery Life: 3-4 years (433MHz)
- Operating Temperature: -10°C to +50°C
- Operating Humidity: Up to 85% non-condensing
- Dimensions: 94mm x 64mm x 42mm

*Specifications subject to change at discretion of INS LifeGuard.*