

## Outdoor Passive Infra-Red Motion Detector EIR-23

**Exceptional Dual Lens & Sensors with interlaced horizontal beams plus proven 100% pet immunity of pets up to 75 cm / 60 kg!**

The Outdoor PIR Motion Detector represents a breakthrough design from the traditional sense to a brand new vision of its definition. It is tailored to fit in the harsh environment of outdoor and features four levels of pet immune sensitivity.

The **Dual Lens & Sensors** together with its advanced **Digitalized Adaptive Signal Processor (D.A.S.P.) algorithm** provide remarkable detection sensitivity that eliminates the possibility of false alarms caused by small animals or other outdoor disturbances.



**D.A.S.P. guarantees consistent sensitivity** by automatic profile adjustments according to the environment's **Temperature & Lux**, thus maintains sensitivity and delivers exceptional performance regardless of temperature fluctuations or lighting change interferences. In addition, a **Four-Level Pet Immune Sensitivity** provides an effective match for every installation scenario with a peace of mind, yet still protecting your premises and loved ones all year round.

### Features:

- Microprocessor controlled with advanced digitalized adaptive signal processor algorithm
- Installation angle is manually adjustable via a supplied rotating bracket (optional installation)
- Pet Immune Sensitivity can be controlled via a DIP switch. Immunity levels of both background environmental factor and pet are then adjusted accordingly.
- Four levels of Pet Immune Sensitivity are available: Low (75 cm / 60 kg), Medium (60 cm / 40 kg), High (45 cm / 30 kg), and Superior (30 cm / 20 kg)
- Adjustable environment settings: choices of facing a wall or open space, facing a lawn or concrete/stone ground

- **Auto Temperature & Lux Profile Adjustments** – complex intelligent D.A.S.P. algorithm to distinguish background environmental changes such as temperature and lighting and therefore avoiding false alarms
- Water resistance with IP rating 66
- Double protection of unauthorized sensor removal and opening/sabotage by both built-in Tilt & Tamper Switches
- Protection from: direct sunlight, wind, snow and rain, and small animals
- Randomized supervision signals for trouble-free system integrity checking
- Low battery detection
- Superior white light noise rejection
- Superior radio interference rejection of up to 20V/m at frequencies of 100 kHz to 2.7 GHz
- Automatic power saving mechanism
- Compact design
- LED: fault & test mode indicator, and also doubles as Walk Test activation button
- Complied with CE & UL requirements

### **Specifications:**

- Power: Lithium AA batteries x 2
- Battery life: 3 years or over, with low battery detection
- Radio frequency available: 433 MHz / 868.35 MHz / 868.6375 MHz  
(All other frequencies are available upon request)
- 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
- Dimension: 68 X 148 X 50 mm

Technoshield Security Systems  
 Website: <http://www.cyprussecurityspecialists.com>  
 Email: [sales@cyprussecurityspecialists.com](mailto:sales@cyprussecurityspecialists.com)

