

OUTDOOR PIR DETECTOR EIR200



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

Specifications

Power: Lithium AA batteries x 2

Battery life: 3 years or over, with low battery detection

Radio frequency available: 868.6375 MHz:

Range: over 300 meters in open space

Operating temperature: -20° to 50°C

Humidity: up to 95% non-condensing

Dimension: 68 x148 x 50 mm

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