

EIRC-1 Outdoor Curtain PIR Motion Detector

Comprehensive Protection



- PIR & Microwave Dual Detection with Curtain detection pattern
- IP45 Weatherproof Protection
- Simple & flexible installation

The EIRC-1 is a high performance outdoor wireless curtain-pattern PIR and microwave dual motion detection sensor. EIRC-1 passive infrared and microwave dual detection technology combined with auto-tuning to environmental conditions algorithm provides high immunity to false alarms. Suitable for balconies, floor length windows, French doors, entrances, and sidewalks.

EIRC-1 has advanced anti-masking technology designed to expose efforts to intentionally sabotage its lens and tamper-proof design prevents the opening or removal of its housing. Any attempt to reduce the sensitivity, remove or block the motion detector will activate an alarm.

Easy and flexible to install, EIRC-1 has IP45 weatherproof protection and UV resistant housing, ideal for backyard, lawns, backyards, gates, and outdoor corridors/hallways. EIRC-1 uses advanced Adaptive Digital Signal Processing (ADSP) algorithms for superior sensitivity and reliability; and auto temperature compensated sensitivity control for high immunity to false alarms, to offer dependable outdoor perimeter protection.

Features

- Detects suspicious movements by passive infrared & Microwave dual technology with curtain detection pattern
- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms
- IP45 weatherproof protection for outdoor usage
- Two selectable sensitivity levels
- High immunity to false alarms
- Automatic power saving mechanism
- Automatic temperature compensated sensitivity control
- Anti-Masking and Tamper protection
- Randomized supervision signals for system integrity
- Low battery detection
- LED Indicator
- Ideal for balconies, floor length windows, poolside, garage, entrances, French doors, sidewalks...etc.



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Specifications

EIRC-1-F1

RF Frequencies	433 MHz / 869 MHz
Power Source	1.5V, L91 Lithium battery x 2
Battery Life	9 years*
Detection Range	10m over a 10° degrees @ 1.4-1.6m Mounting Height
Weatherproof Protection	IP45
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	110mm x 91mm x 28mm

**Note: Actual battery life may vary due to usage, settings, and environmental conditions.*