

SP-215 PYROFLEX™**

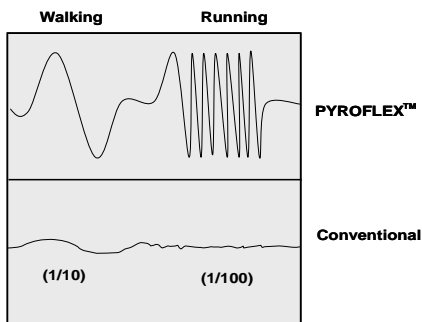
SUREN

SP-315 PIR Motion Sensors - Supervised



Easy Installation

- ❑ 10-minute view finder mode
- ❑ Deep wire channels, dual cable entry
- ❑ 45-degree corner-mounting surfaces
- ❑ Knock-out holes for mounting / wiring
- ❑ Swivel-mount accessory interface



Product Features

- ❑ Wide operating range (-40°C to + 55°C)
- ❑ Remote LED enable (SP-315)
- ❑ Internal operating-parameter supervision
- ❑ Periodic self-test by IR source (SP-315)
- ❑ Failure indication mode
- ❑ Sensitive tamper detection switch
- ❑ Precise sensitivity calibration at factory
- ❑ Look-down detection (except PI versions)
- ❑ Tightly-mated bug guard / optical path
- ❑ Selectable alarm qualification sensitivity

High False Alarm Immunity

- ❑ **PYROFLEX™** IR Detector**
 - 10x – 100x more signal than ordinary detectors; less amplification needed
 - 10x – 100x less gain for false alarms
 - High immunity to shock, white light, temperature, RF, electrical surges
- ❑ **Four-Stage White Light Protection**
 - White diffusing lens
 - Black absorbing shield
 - Clear bug guard – avoids light concentration
 - Large 4 x 5 mm white light filter window on detector, so elements can be far from filter

Pet - Immune Feature

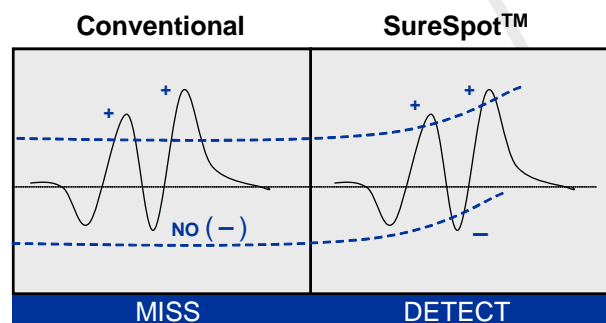
- ❑ **EvenEye™** Pet-Immune Design (SP-212PI)**
 - Micro-element lens
 - Consistent alarm signal threshold

Curtain Feature

- ❑ **SureTrac™** Constant-Width Curtain (SP-215C)**
 - One width for the entire detection range
 - Full 90° vertical coverage

Reliable Detection

- ❑ **SureSpot™** microcontroller waveform processing is on the watch! Where complex curves and dips of real signals “fool” other sensors’ ASICs and simple processing, **SureSpot™** processing detects intruders!
- ❑ **SummerSense™** Warm-weather DSP
 - Microcontroller-based response profiling
 - More than a simple threshold adjustment
 - Detection at near-human temperatures



** U.S. Patent NO: 7,042,134 7,141,910

U.K. Patent NO: GB 2 427 270 Patents pending worldwide.

