

**Among the most technologically advanced detectors available, the WS4904 achieves superior detection and false alarm prevention through digital signal analysis.** Digital information is more accurately analyzed using software and is not subject to signal degradation caused by amplification, noise, distortion or signal clipping. The detector's technology adapts to changing environmental conditions by adjusting critical detection parameters to provide improved consistency of detection over all temperature ranges. Pet owners looking to be protected from false alarms can choose the WS4904P model version, a detector that is immune from pets weighing up to 60 lbs (27 kg).



## Product Features:

- ▶ Reliable 433 MHz technology
- ▶ WS4904P\* model version provides pet immunity up to 60 lbs (27 kg)
- ▶ Digital signal analysis for consistent detection throughout the coverage pattern
- ▶ Exceptional catch performance at elevated temperatures
- ▶ Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR energy over a broad range of temperatures
- ▶ High-traffic shutdown
- ▶ Temperature compensation
- ▶ PCB antenna
- ▶ 1 long-life lithium battery included; capable of up to 9 years of battery life
- ▶ Sensitivity adjustment to configure the detector for "normal" (high sensitivity) or "hostile" (low sensitivity) environments
- ▶ RoHS compliant
- ▶ FCC/IC, UL/ULC listed for North America; CE compliant for Europe

\* Only model version available in North America

## Accurate Detection

Patented Multi-Level Signal Processing (MLSP) provides for more accurate detection of human IR energy over a broad range of temperatures. It's able to maximize catch performance while providing protection against false alarm sources such as radio interference, air vents and insects.

## Wireless Reliability

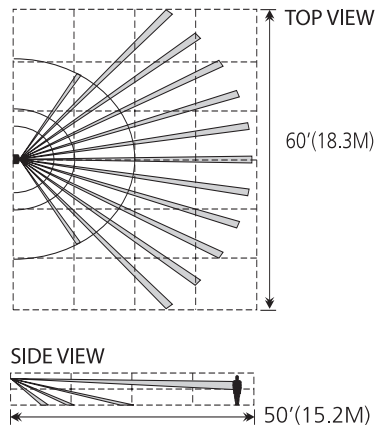
Built with reliable 433 MHz technology, the detector features the latest low-power RF technology to effectively extend battery life. The PCB antenna design provides for more consistent performance and better coverage and sensitivity.

### Ordering Information:

WS4904P*	Wireless Passive Infrared Detector with Pet Immunity (NA Baud Rate)
WS4904W	Wireless Passive Infrared Detector (EU Baud Rate)
WS4904PW	Wireless Passive Infrared Detector with Pet Immunity (EU Baud Rate)

\* Only model version available in North America

## Coverage Pattern



## Compatibility

The WS4904 is compatible with the following receivers:

PowerSeries™ Wireless Receivers  
RF5132-433/PC5132-433 all versions and RF5108-433

MAXSYS® Wireless Receiver PC4164-433

PowerSeries RFK Keypads  
(RFK5500/RFK5501/RFK5516/RFK5508)

Fixed-Message LCD Keypad with Integrated  
Wireless Receiver RF5501-433

Envoy™ LCD Self-Contained Wireless Security  
System NT9005

## Specifications

Dimensions	4 1/4" x 2 1/2" x 2 2/16" (108 mm x 63.5 mm x 54 mm)
Battery	CR123A (3 V Lithium)
Battery Life	9 Years (Typical)
Coverage	40 ft x 40 ft (12 m x 12 m) Fast Setting
Operating Temperature	-10 to 55 °C (14-131 °F)
Operating Humidity	5-93% RH



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