

IRP-16SL ZW Pet-Immune Motion Detector

Eliminating False Alarms and Enhancing True Flexibility



- Pet immunity up to 27 kilos (59 lbs)
- Compatible with other manufacturers' Z-Wave devices
- Long battery life
- Two-way communication
- Advanced ADSP algorithms

The IRP-16SL ZW is a Z-Wave motion detector with pet immunity that senses and reports suspicious movements to security or home automation systems. Fully compatible with other manufacturers' Z-Wave devices and any Z-Wave mesh networks, this two-way wireless sensor can be flexibly and seamlessly incorporated into Z-Wave enabled systems to deliver quality detection. It provides pet immunity up to 27 kilos (59 lbs) to eliminate false alarms caused by animals.

The IRP-16SL ZW's Adaptive Digital Signal Processing (ADSP) algorithms allow this microprocessor-controlled sensor to maintain stable yet highly sensitive detection by passive infrared technology regardless of environmental changes or outside interference. Two selectable sensitivity levels are provided to meet different monitoring requirements.

Powered by a pre-inserted lithium battery, the IRP-16SL ZW features long battery life of three years. Its automatic power saving mechanism achieves high energy efficiency and prolongs battery lifetime. Both technologically advanced and aesthetically appealing, the IRP-16SL ZW stands out as a broadly applicable device ready to make your home or business safer and smarter.

Features

- Detects suspicious movements by passive infrared technology
- Pet immunity up to 27 kilos (59 lbs)
- Compatible with other manufacturers' Z-Wave devices and any Z-Wave mesh networks
- Long battery life
- Two-way communication
- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms
- Detection range: 12 meters over a 110° angle
- Two selectable sensitivity levels
- Randomized supervision signals for system integrity checks and troubleshooting
- Surface/corner mount with tamper protection against removal
- Low battery detection
- Superior white light and noise rejection
- Automatic power saving mechanism
- Temperature compensation for sensitivity control
- Easy installation
- Insect-proof
- LED serves as a fault/test mode indicator
- Indoor use only
- Compliant with CE requirements

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Specifications

IRP-16SL ZW

Protocol	Z-Wave
Frequencies	868.42MHz (EU) 908.42MHz (US)
Battery (pre-inserted)	EL123 lithium battery x 1
Battery life	3 years*
Operating temperature	-10°C to +45°C
Operating humidity	Up to 85% non-condensing
Dimensions	87.7 mm x 66.4 mm x 47.7 mm

*Note: Battery life varies by use and configuration.