

## IR-16SL ZW Motion Detector

## Sensitive Detection, Flexible Application



- **Compatible with other manufacturers' Z-Wave devices**
- **Long battery life**
- **Two-way communication**
- **Advanced ADSP algorithms**
- **Selectable sensitivity levels**

The IR-16SL ZW is a Z-Wave motion detector sensing and reporting 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 provide quality detection.

The IR-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 IR-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 IR-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
- 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
- Z-Wave certified product

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### Specifications

#### IR-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.