

IRD-23ZBS Ceiling Mount PIR Motion Sensor

360° Look-Down Capability Eliminates Blind Spots and Undetected Intrusion



- 360° look-down view
- Covers an area up to 26' (8m) in diameter
- Ideal for passages and entrances
- Minimizes tampering and vandalism

IRD-23ZBS is a ZigBee ceiling mount PIR motion sensor with a 360° look-down capability to eliminate blind spots in the monitored area. When mounted on a ceiling at 8.8' to 13' (2.7 m to 4 m) high, the IRD-23ZBS has a 360° look-down view that covers an area of 20' to 26' (6 m to 8 m) in diameter. The IRD-23ZBS is an ideal solution for the protection of doorways, corridors, hallways and passages, where a moving person cannot evade passing through the detector's coverage pattern.

Mounting the IRD-23ZBS on the ceiling effectively deters tampering and vandalism, thereby making the detector the best choice for safeguarding entrances or larger spaces such as lobbies, retail stores, galleries or offices. This application of the IRD-23ZBS will place any person moving through the monitored entrance in the direct field of view of the detector, leaving no chance for an intruder to escape detection.

The discreet housing of the IRD-23ZBS attracts minimal visual attention and protects the detector from being recognized as a security device. This microprocessor-controlled detector further adopts advanced Adaptive Digital Signal Processing (ADSP) algorithms to enhance false alarm immunity.

The IRD-23ZBS is compatible with other manufacturers' ZigBee systems and can be integrated into new or existing ZigBee systems.

Features

- 360° look-down capability eliminates blind spots
- Up to 26' (8m) diameter coverage pattern
- Discreet housing attracts minimal visual attention and protects the detector from being recognized as a security device
- Twist-off cover for easy installation
- Suitable also for the monitoring of entrances to larger spaces such as offices, lobbies, galleries or retail stores
- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms for false alarm immunity
- Two selectable sensitivity levels
- Ideal for the protection of doorways, corridors, hallways and passages
- Low battery detection
- Automatic power saving mechanism
- Protected against tampering and sabotage
- Regular supervisory signals ensure device integrity
- Walk-test LED also serves as a fault indicator
- Compliant with CE and FCC requirements
- Compatible with other manufacturers' ZigBee systems

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Specifications

IRD-23SL-ZBS

Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4GHz
Power Supply	3V, EL123A lithium battery x 1
Battery Life	3.5 years*
Standby Current Drain	30uA at 3 to 3.6 VDC
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	Ø 106 mm x 30.35 mm
Mounting height	8.8' to 13' (2.7 m to 4 m)