IRD-23 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’ (8 m) in diameter**
- **Ideal for passages and entrances**
- **Minimizes tampering and vandalism**

The IRD-23 is a 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-23 has a 360° look-down view that covers an area of 20’ to 26’ (6 m to 8 m) in diameter. The IRD-23 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-23 on the ceiling effectively deters tampering and vandalism, thereby making the detector also a best choice for the safeguarding of entrances to public or larger spaces such as lobbies, retail stores, galleries or offices. This application of the IRD-23 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-23 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.

Features

- 360° look-down capability eliminates blind spots
- Up to 26’ (8m) diameter coverage pattern
- Mounted on the ceiling to minimize tampering and vandalism
- Discreet housing attracts minimal visual attention and protects the detector from being recognized as a security device
- Twist-off cover for easy installation
- Ideal for the protection of doorways, corridors, hallways and passages
- 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
- 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

Specifications

Power	CR123A 3V lithium battery x 1
Battery life	To be confirmed
Standby current drain	30uA at 3 to 3.6 VDC
Available radio frequencies	433MHz
Radio frequency ranges	433MHz
Operating temperature	-10°C to +45°C
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)

Vesta Australia, Website: www.vestaaustralia.com.au Email: info@vestaaustralia.com.au
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