

## IR-31 Pet-Immune PIR Motion Detector

## Environment Protection with Enhanced Flexibility & Affordability



- Pet Immunity
- Two Selectable Sensitivity Levels
- Fast Speed Signal Transmission

Designed to prevent false alarms triggered by pets or small animals, IR-31 is a microprocessor controlled PIR Motion Detector that offers quality detection and pet immunity up to 20 kilos/50 cm. The advanced Adaptive Digital Signal Processing (ADSP) algorithms in IR-31 guarantee high performance in sensitivity and reliability. The sensitivity levels of IR-31 can be adjusted to suit different premises. IR-31 leverages Climax's industry-leading RF technologies to deliver super speed signal transmission and extensive communication range.

Easy and flexible to install, IR-31 sends randomized supervision signals to check system integrity and has tamper-proof design to prevent the opening or removal of its housing. Technologically advanced and aesthetically appealing, IR-31 stands out as a broadly applicable device ready to make your home or business safer and smarter.

### Features

- Detects suspicious movements by pass infrared technology
- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms for false alarm immunity
- Turn on/off pet immunity by setting a jumper
- Pet weight/height: up to 20 kilograms/50 cm
- Two selectable sensitivity levels
- Wireless for easy wall or corner mount
- Randomized supervision signals for system integrity
- High immunity to false alarms
- Mounting height: 2.3-2.5 m
- Detection range: 10 meters over a 90° angle
- Fast signal transmission & Extensive RF range
- Superior white light and noise rejection
- Automatic power saving mechanism
- Superior radio interference rejection
- Optional mounting accessory: Rotating holder
- Tamper protection against sabotage
- LEDs display operational status
- Temperature compensated sensitivity control
- Low battery detection

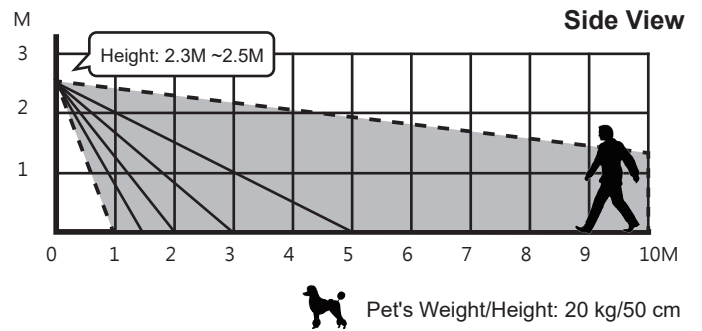
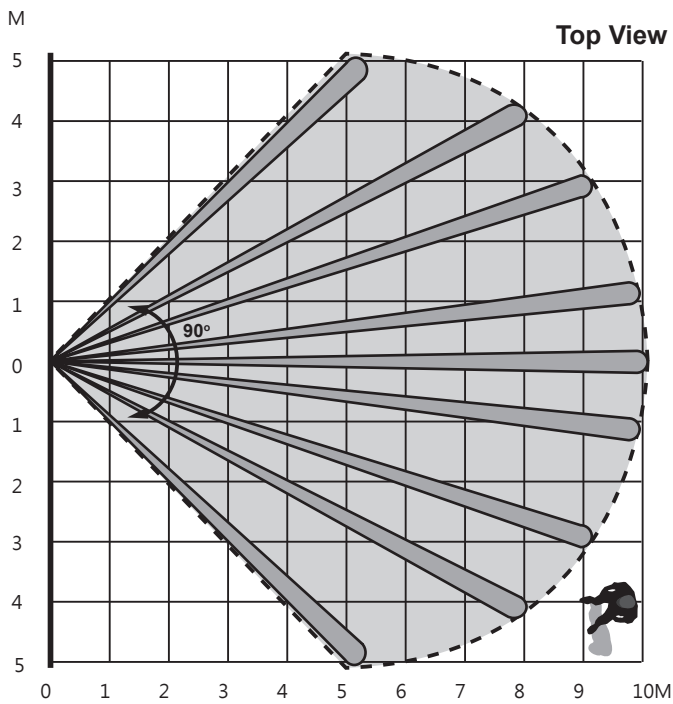
## IR-31 Pet-Immune PIR Motion Detector Series

### Specifications

| Models                                      | IR-31  | IR-31SL           | IR-31SSL          |
|---|--|-------------------|-------------------|
| Frequency                                   | F1 868 MHz / F1 919 MHz / F1 433 MHz                                   |                   |                   |
| Power Source                                | 1.5V AA Alkaline x 2   | CR123 battery x 1 | CR123 battery x 2 |
| Battery Life                                | 3.8 years*   | 4 years*          | 5.8 years*        |
| Detection Range                             | 10 meters over a 90° angle   |                   |                   |
| Mounting Height                             | 2.3m-2.5m  |                   |                   |
| Mounting Options                            | Wall / Corner mount<br>Optional accessory: Rotating holder             |                   |                   |
| Rotating Angles (with Rotating Holder only) | Vertical: 70° angle<br>Horizontal: 80° angle                           |                   |                   |
| Operating Temperature                       | -10°C to 45°C (14°F to 113°F)  |                   |                   |
| Operating Humidity                          | Up to 85% non-condensing   |                   |                   |
| Dimensions                                  | IR-31: 72 mm x 78 mm x 43 mm<br>Rotating holder: 70 mm x 50 mm x 34 mm |                   |                   |

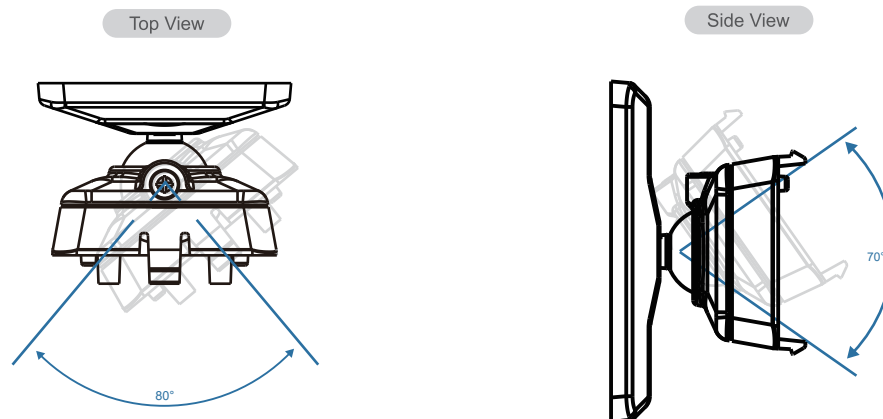
\*Note: Actual battery life may vary due with device settings, usage patterns, and operating environment.

### Detection Range



## IR-31 Pet-Immune PIR Motion Detector Series

*Compatible with Rotating Holder (Optional)*



### Ordering Information

|                        |   |
|------------------------|---|
| <b>IR-31</b>           | PIR Motion Detector powered by two Alkaline batteries |
| <b>IR-31SL</b>         | PIR Motion Detector powered by one CR123 battery      |
| <b>IR-31SSL</b>        | PIR Motion Detector powered by two CR123 batteries    |
| <b>Rotating Holder</b> | Optional mounting accessory                           |