

## IR-35 Series PIR Motion Detector

## Environment Protection with Enhanced Flexibility & Affordability



Designed to prevent false alarms triggered by pets or small to medium size animals, IR-35 is a microprocessor controlled PIR Motion Detector that offers quality detection and pet immunity up to 25 kilos. The sensitivity levels of IR-35 can be adjusted to suit different premises. IR-35 leverages Climax's industry-leading RF technologies to deliver super speed signal transmission and extensive communication range.

IR-35 sends regular 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-35 stands out as a broadly applicable device ready to make your home or business safer and smarter.

- Remote Setting and Configuration
- Capability to Enable/disable Pet Immunity

### Features

- Detection range of 12 meters and angle up to 90°
- Mounting height: 2.3-2.5 m
- Pet immunity up to 25 kilos.
- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms for false alarm immunity
- Capability to set a jumper to adjust sensitivity levels or turn on and off pet immunity
- Capability to remotely adjust sensitivity levels or turn on and off pet immunity (optional)
- Randomized supervision signals for system integrity
- High immunity to false alarms
- Superior white light and noise rejection
- Automatic power saving mechanism
- Superior radio interference rejection
- Tamper protection against sabotage
- Temperature compensated sensitivity control
- EN50131 Grade 2, Class II certified
- INCERT-certified

### Specifications

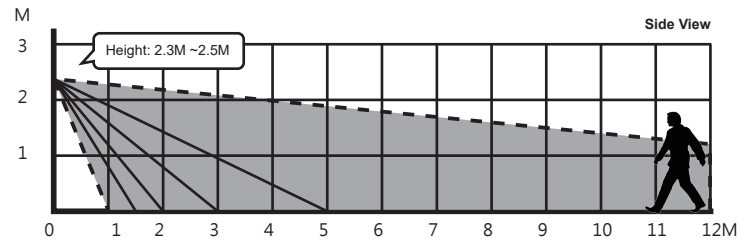
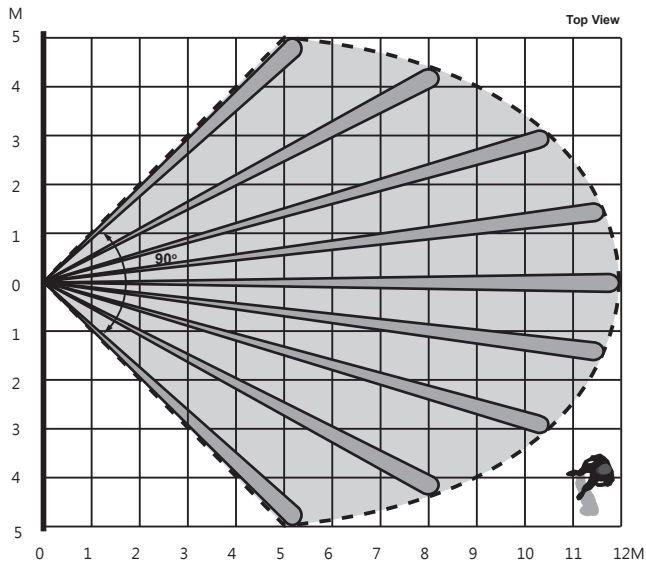
#### IR-35-ALK / IR-35

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| Frequency                  | 918.0375~924.48 MHz                                |
| Power Source               | 1.5V AA Alkaline batteries x 2 / CR123 battery x 1 |
| Backup Battery life        | 7.2 years / 7.7 years*                             |
| Detection Range            | 12 meters                                          |
| Horizontal Detection Angle | 90°                                                |
| Mounting Height            | 2.3m-2.5m                                          |
| Operating Temperature      | -10°C to 45°C (14°F to 113°F)                      |
| Operating Humidity         | Up to 85% non-condensing                           |
| Dimensions                 | 104 mm x 69 mm x 42.5mm                            |

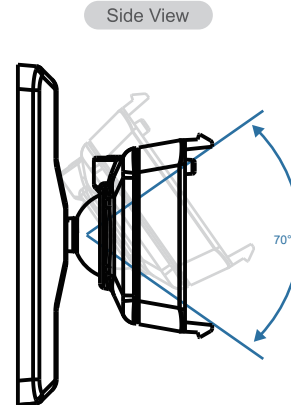
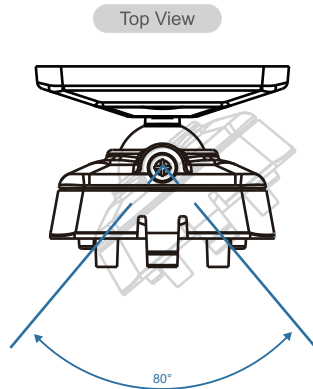
\*Note: Actual battery life may vary due with device settings, usage patterns, and operating environment.

## IR-35 Series PIR Motion Detector Series

### Detection Range



### Compatible with Rotating Holder (Optional)



### Ordering Information

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| <b>IR-35-ALK</b>       | PIR Motion Detector powered by two Alkaline batteries |
| <b>IR-35</b>           | PIR Motion Detector powered by one CR123 battery      |
| <b>Rotating Holder</b> | Optional mounting accessory                           |

## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

***FCC Caution:*** To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

## ***FCC Radiation Exposure Statement***

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.