

## IRP-29 Pet-Immune PIR Motion Detector Series

## Pet-Friendly Environment Protection with Enhanced Flexibility & Affordability



- Pet Immunity up to 27 kilos (59lbs)
- Two Battery options
- Fast Speed Signal Transmission

Designed to prevent false alarms triggered by pets or small animals, IRP-29 Series is a microprocessor controlled PIR Motion Detector that offers quality detection and pet immunity up to 27 kilos (59 lbs). The advanced Adaptive Digital Signal Processing (ADSP) algorithms in IRP-29 Series guarantee high performance in sensitivity and reliability. The sensitivity levels of IRP-29 Series can be adjusted to suit different premises. To further enhance its flexibility and affordability, Lithium or Alkaline batteries are available for selection.

IRP-29-F1 leverages Climax's industry-leading RF technologies to deliver super speed signal transmission and extensive communication range. With fast data transmission, IRP-29-F1 is designed to effectively reduce signal collisions and further extend battery life.

Easy and flexible to install, IRP-29 Series 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, the IRP-29 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
- Pet immunity up to 27 kilos (59lbs)
- Two selectable sensitivity levels
- Wireless for easy wall or corner mount
- Randomized supervision signals for system integrity
- High immunity to false alarms
- Low battery detection
- Detection range: 12 meters over a 110° angle
- Fast signal transmission & Extensive RF range (F1 models)
- Superior white light and noise rejection
- Automatic power saving mechanism
- Superior radio interference rejection
- Automatic power saving mechanism
- Tamper protection against sabotage
- LEDs display operational status
- Temperature compensated sensitivity control
- UL639 compliant & EN50131 Grade 2, Class II

## IRP-29 Pet-Immune PIR Motion Detector Series

### Specifications

#### IRP-29

RF Frequency	433MHz / 868MHz
Power Source	1.5V, AAAAlkaline battery x2 or 3V, CR123A Lithium battery x1
Battery Life (Alkaline)	433MHz: 5.9 years* 868MHz: 4.2 years*
Battery Life (Lithium)	433MHz: 5.9 years* 868MHz: 4.1 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	53mm x 67mm x 89mm

#### IRP-29-F1

RF Frequency	433MHz / 868MHz
Power Source	1.5V, AAAAlkaline battery x2 or 3V, CR123A Lithium battery x1
Battery Life (Alkaline)	433MHz: 5.5 years* 868MHz: 5.4 years*
Battery Life (Lithium)	433MHz: 5.8 years* 868MHz: 5.4 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	53mm x 67mm x 89mm

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

### Ordering Information

IRP-29	Indoor PIR Motion Detector with Pet-Immunity
IRP-29-F1	Indoor PIR Motion Detector with Pet-Immunity with extensive RF range, compatible with Climax F1 gateways