

IR-9 Series PIR Motion Detector

Smart, Safe, Sleek & Super Speed!



- Long Battery Life
- Fast Speed Signal Transmission
- Microprocessor Controlled
- Advanced ADSP Algorithms

IR-9 Series is a microprocessor controlled PIR Motion Detector that provides quality detection. Its advanced Adaptive Digital Signal Processing (ADSP) algorithms enable it to maintain a stable yet highly sensitive level of detection regardless of outside interference or changes in the environment. Equipped with a remarkable battery life of 4 to 5.8 years, IR-9SL Series is the best option for anyone seeking the combination of exceptional performance and long battery life.

IR-9SL-F1 adopts the latest RF technologies to deliver super speed signal transmission and extensive communication range. With fast data transmission, IR-9SL-F1 are designed to effectively reduce signal collisions and improve battery life. IR-9SL-F1 is compatible with AC powered F1 control panels.

In addition, it is tamper-proof against the opening of its enclosure and removal from its mounting surface. It also sends regular supervision signals to check system integrity. The elegant white housing of IR-9 renders it non-intrusive in appearance, allowing it to blend naturally into any home décor.

Features

- Microprocessor controlled with advanced Adaptive Digital Signal Processing (ADSP) algorithms
- Pre-inserted Lithium battery for easy installation
- Long battery life
- Super speed signal transmission (F1 models only)
- Compatibility with AC powered F1 panels (F1 model only)
- Two selectable sensitivity levels
- Surface or corner mount with tamper protection against removal
- Randomized supervision signals for system integrity checks and troubleshooting
- Compliant with CE requirements
- Low battery detection
- Superior white light and noise rejection
- Superior radio interference rejection of up to 20V/m at frequencies of 100KHz to 1GHz
- Detection range: 12 meters over a 110° angle
- Automatic power saving mechanism
- Insect- and-dirt proof
- Compact and low-profile
- LED serving as a fault and test mode indicator or a walk test mode button
- Temperature compensated sensitivity control
- Certified to Standard: EN 50131 Grade2, Class II

IR-9 Series PIR Motion Detector

Specifications

IR-9-F1

Models	IR-9	IR-9SL
Frequency	868 MHz / 433 MHz	
Power Source	3.6V AA Lithium battery x 1	3V CR123 lithium battery x 1
Battery Life	2.5 years* (433MHz)	5.8 years*(433MHz) 5.44 years* (868MHz)
Detection Range	12 meters over a 110° angle	
Mounting Height	1.9m-2.0m	
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder	
Rotating Angles (with Rotating Holder only)	Vertical: 70° angle Horizontal: 80° angle	
Operating Temperature	-10°C to 45°C (14°F to 113°F)	
Operating Humidity	Up to 85% non-condensing	
Dimensions	IR-9: 94mm x 64mm x 42mm Rotating holder: 70 mm x 50 mm x 34 mm	

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

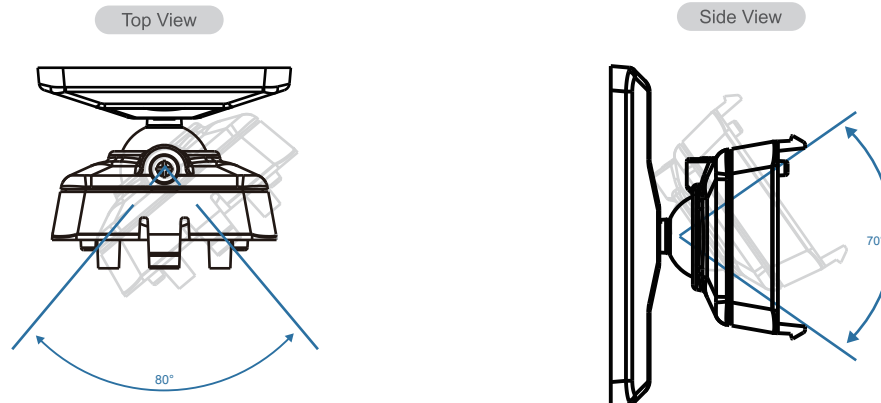
IR-9

Models	IR-9	IR-9SL
Frequency	868 MHz / 433 MHz	
Power Source	3.6V AA Lithium battery x 1	3V CR123 lithium battery x 1
Battery Life	2.5 years* (433MHz)	5.4* years (433MHz) 4.7* years (868.35MHz) 4* years (868.6375MHz)
Detection Range	12 meters over a 110° angle	
Mounting Height	1.9m-2.0m	
Mounting Options	Wall / Corner mount Optional accessory: Rotating holder	
Rotating Angles (with Rotating Holder only)	Vertical: 70° angle Horizontal: 80° angle	
Operating Temperature	-10°C to 45°C (14°F to 113°F)	
Operating Humidity	Up to 85% non-condensing	
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Compatible with Rotating Holder (Optional)



Ordering Information

IR-9SL-F1	PIR Motion Detector powered by CR123 battery and compatible with Climax F1 gateway
IR-9SL	PIR Motion Detector powered by CR123 battery
IR-9-F1	PIR Motion Detector powered by 3.6V AA Lithium battery and compatible with Climax F1 gateway
IR-9	PIR Motion Detector powered by 3.6V AA Lithium battery
Rotating Holder	Optional mounting accessory