

# Indoor PIR

C R O W 



The CROW Indoor PIR is a fully supervised, two-way wireless detector with mirror optics, offering motion detection, tamper protection, low-battery alerts and full supervision.

## **Crow - Where Experience meets Innovation since 1977**

Leveraging decades of expertise and advanced technology, Crow is redefining security for today and tomorrow.

Since 1977, the Crow Group has delivered intelligent, high-performance solutions for residential and commercial environments offering a comprehensive portfolio of cutting-edge control panels and versatile wired and wireless peripherals that make homes and businesses safer and smarter.

Our solutions serve customers worldwide through a robust global network of distributors, professional installers and central monitoring stations.

Building on its long-standing leadership in security, Crow now combines deep expertise in artificial intelligence, video analytics and cloud technologies to offer next-generation solutions for Security, Monitoring, and Telecare.

## **CROW Indoor PIR Motion Detector**

The CROW Indoor PIR is a fully supervised, two-way wireless motion detector with mirror optics, engineered for reliable indoor security. It delivers precise motion detection, tamper protection, low-battery alerts and continuous system supervision. Featuring an advanced anti-masking technology, the detector maintains dependable performance even in challenging environments. Additionally, it supports Over-The-Air (OTA) configuration for effortless setup and remote management.

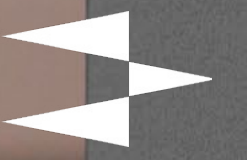
# Indoor PIR

CROW



Engineered for residences, providing real-time motion alerts with every armed system activation.

# Indoor PIR

CROW 



Ideal for warehouses, storage areas and commercial spaces where dependable motion detection is essential.

# Indoor PIR



Suited for offices, cafés and commercial premises requiring precise and reliable motion detection.

# Indoor PIR



Integrated mirror optics optimize infrared signal reflection, boosting PIR accuracy, improving motion detection reliability and minimizing false alarms.

# Indoor PIR



Up to 10 years of hassle-free wireless performance with 3V lithium batteries.

## Where Design Meets Reliable Protection



Available in sleek black or classic white, the detector integrates seamlessly into any residential or commercial environment

# Indoor PIR

## **Mirror Optics**

Mirror Optics for Sharp Motion Accuracy

## **Pet Immunity**

Up to 25 kg

## **Wireless Power**

Wireless and Battery-Powered



## **Protection**

Tamper and Supervision Protected

## **Wide Range**

Wide Detection Range

## **Sensor Precision**

High-Precision Infrared Sensor

## **Certified Performance**

CE, EN 50131-2-2 Grade 2 Class II

# Indoor PIR

## Detection Method

Quad Pyro Element Sensor

## Events Transmission

Alarm, Tamper, Supervision  
Low Battery, Keep Alive

## Communication Protocol

Freewave2™ two-way  
ISM GFSK with 5 frequencies & LBT

## Identification

Unique 32-bit serial number

## Operating Frequencies

868MHz or 916MHz

## Optics

Mirror optics with creep zone coverage

## Tamper Switch

Front cover and wall removal detection

## Operating Temperature

-10°C to +55°C  
(32 °F - 122 °F)

## Detection Range

12 m

## Supervision Time

7 min by default  
(configurable 1 - 30 min)

## Current Consumption

Average Current : 15uA  
Transmit current: ~55mA

## Transmission Range

Up to 1000 m in open space

## Pet Immunity

Up to 25 kg

## Battery

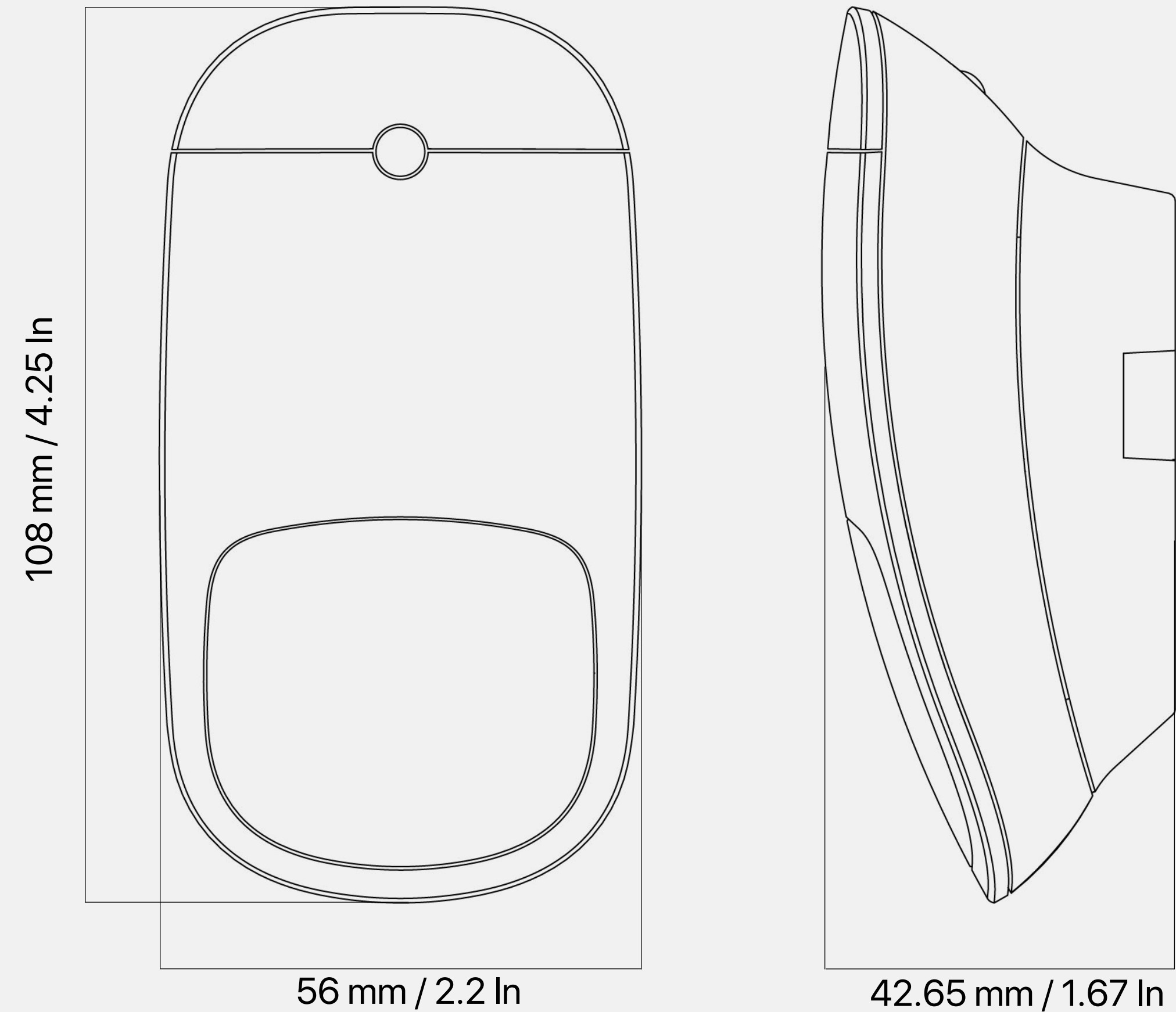
3V Lithium CR123A

## Battery Life

Up to 10 years

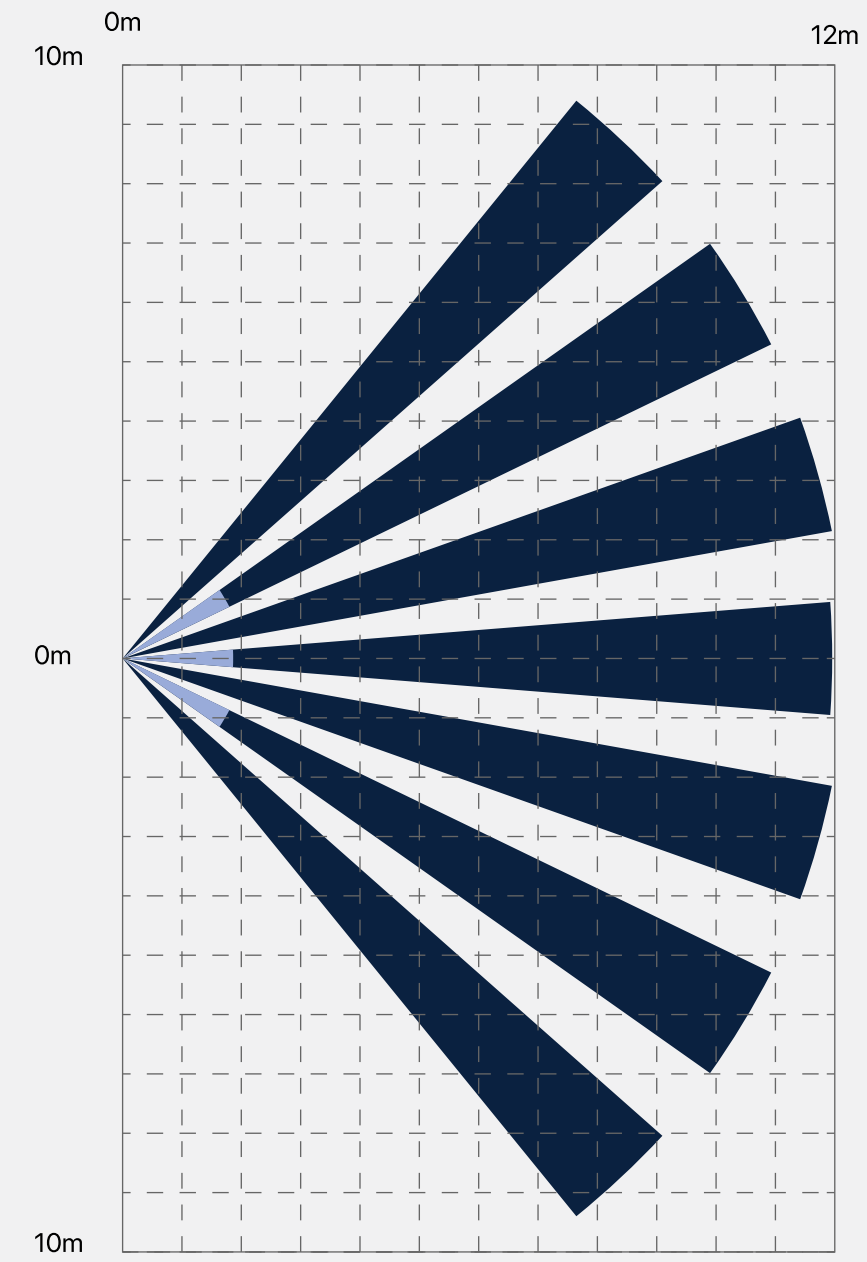
## Compliance

EN50131 Security Grade 2 Class II

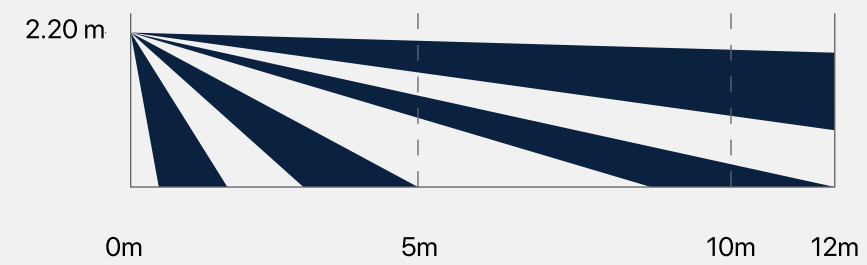


# Indoor PIR

**Top View**  
Detection Area 89°



**Side View**  
Detection Distance



## Integrations and Partnerships

Crow empowers organizations to develop fully integrated security solutions by leveraging advanced systems that enhance IT infrastructure and maximize the potential of Crow products.

With a robust **API interface**, businesses can efficiently manage thousands of Crow security systems, seamlessly embed functionality into their own applications, and integrate smoothly with CRM, billing, and other third-party platforms.

Real-time updates from the **Crow Cloud** keep software and clients informed and responsive, providing unparalleled control and flexibility across the entire security ecosystem.

**Discover how partnering with Crow can revolutionize the deployment of security and automation solutions.**

**Contact us to learn more**

[www.crow-protect.com](http://www.crow-protect.com)

[sales@crow-protect.com](mailto:sales@crow-protect.com)

[support@crow-protect.com](mailto:support@crow-protect.com)