

Outdoor PIR



The CROW Outdoor PIR is a high-performance and two-way wireless outdoor motion detector featuring Double Quad PIR technology with active Anti-Masking for superior perimeter protection.

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's Outdoor PIR

The CROW Outdoor PIR is an advanced two-way wireless outdoor motion detector engineered with Double Quad PIR elements and active Anti-Masking technology.

Its dual detection zones enhance stability and accuracy, significantly reducing false alarms while maintaining high sensitivity. The detector supports Over-The-Air (OTA) configuration, enabling flexible installation, remote optimization and simplified maintenance.


Outdoor PIR

CROW 



Designed for private residences or commercial premises, the detector provides instant motion-triggered transmission when the system is armed.

Outdoor PIR

C R O W 



Engineered to withstand harsh weather conditions, the detector operates reliably in low-light and challenging outdoor environments.

Outdoor PIR



The integrated mirror optics enhance PIR detection accuracy by optimizing infrared signal reflection thereby improving motion detection reliability and minimizing false alarms.

Outdoor PIR



Powered by four 1.5V AA lithium batteries, the detector offers up to 5 years of maintenance-free wireless operation.

Where Design Meets Reliable Protection



Available in black, grey, or classic white, the Outdoor PIR blends seamlessly into both residential and commercial installations.

Outdoor PIR



Mirror Optics

Dual PIRs and Mirror Optics
for Precise Outdoor Detection

Pet Immunity

Up to 55 kg

Wireless Power

Wireless Communication



Protection & Tamper

Anti-Masking Technology
for Enhanced Tamper Protection

Directional Setting

Wall Bracket with Directional Settings

Range

Adjustable Detection Range and Angle

Certified Performance

CE, EN 50131-2-2 Grade 2 Class II, IP65 Class IV

Outdoor PIR

Detection Method

Double PIR Elements
with Antimasking feature

Communication Protocol

Freewave2™ two-way ISM GFSK
with 5 freq. & LBT

Operating Frequencies

868MHz or 916MHz

Optics

Mirror optics with creep zone coverage

Tamper Switch

Front cover opening and wall removal

IP Protection

IP 65

Detection Range

Up to 15m

Operating Temperature

-25°C to +55°C

(-13 °F to +122 °F)

Events Transmission

Alarm, Anti-Mask, Tamper
Battery Low, Supervision

LED Indication

Red LED indicator for Alarm
and Trouble state

Current Consumption

Average ~60 µA

Transmission Range

Up to 1000 m in open space

Pet Immunity

Up to 35 kgs

Battery

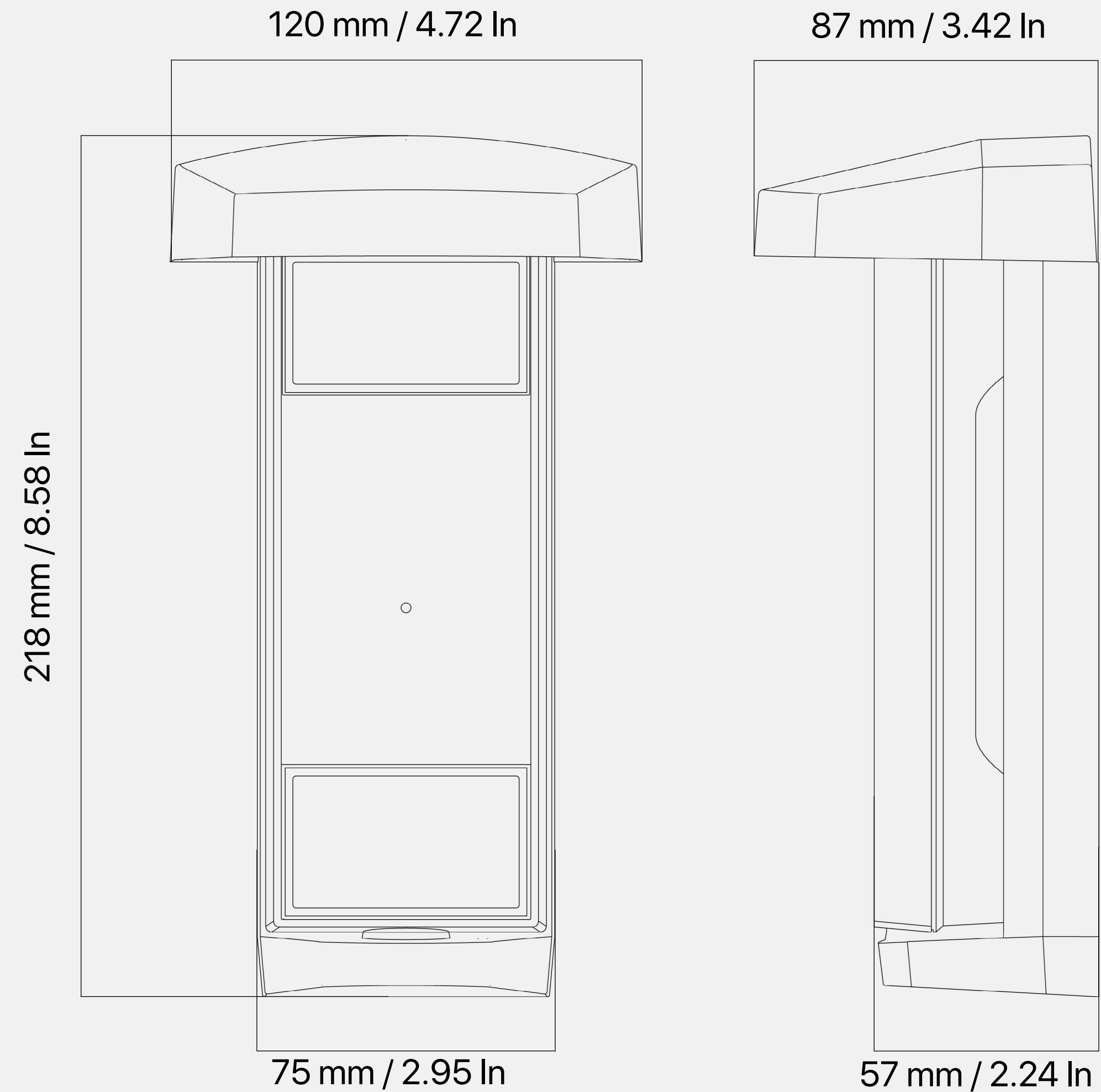
4 x 1.5V AA Lithium batteries

Battery Life

Up to 10 years

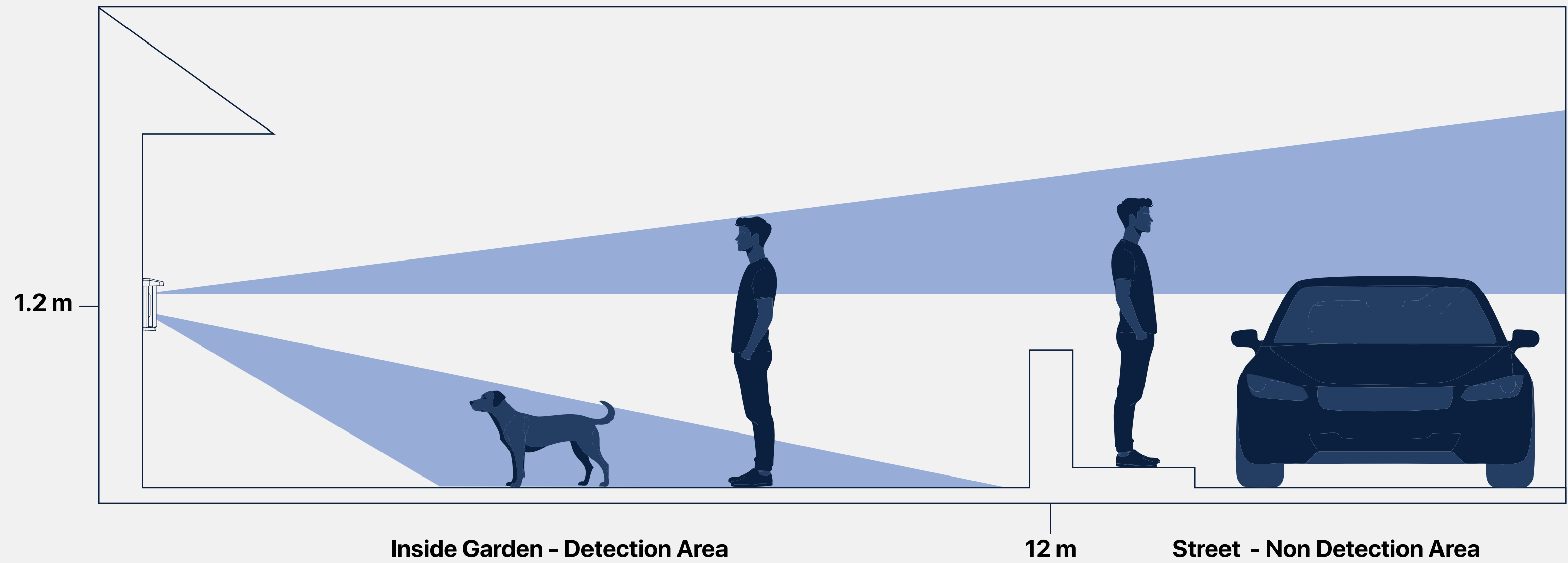
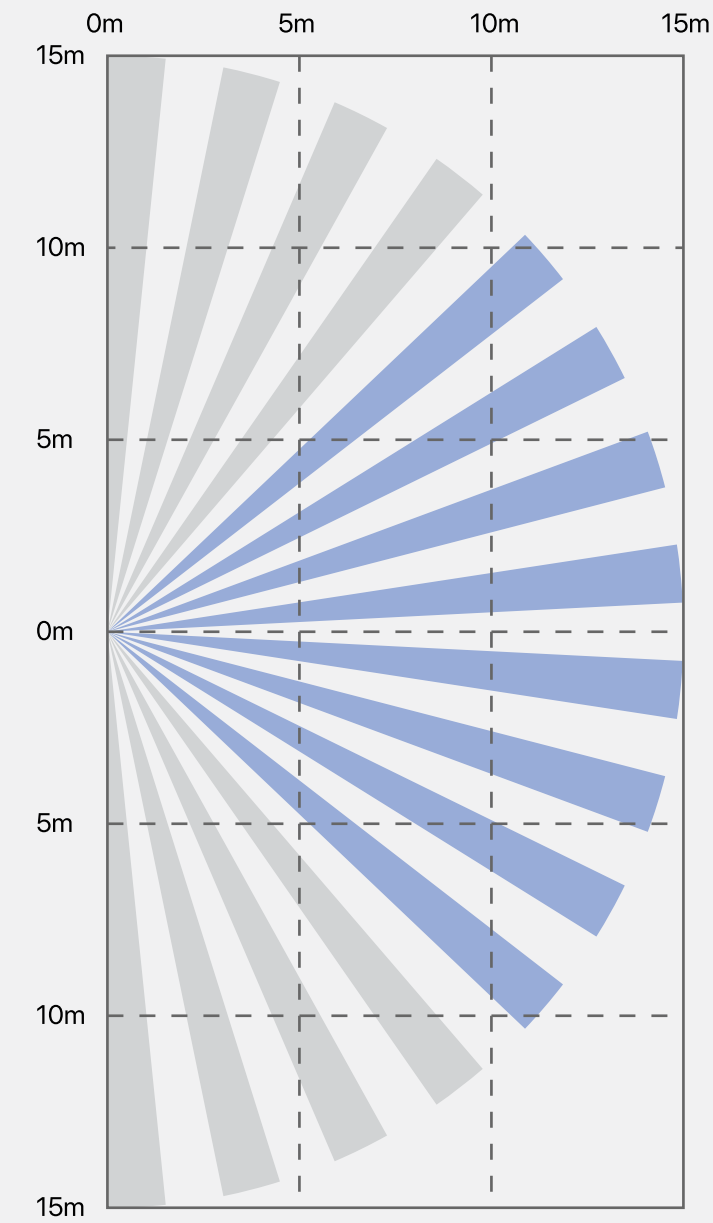
Compliance

EN50131 Security Grade 2 Class II

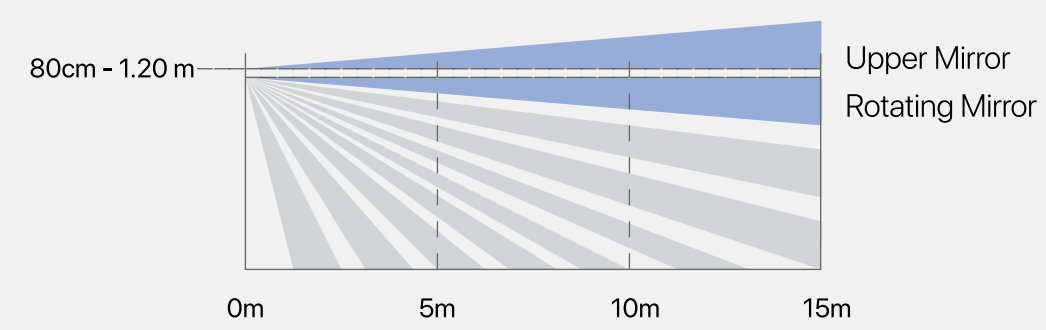


Outdoor PIR

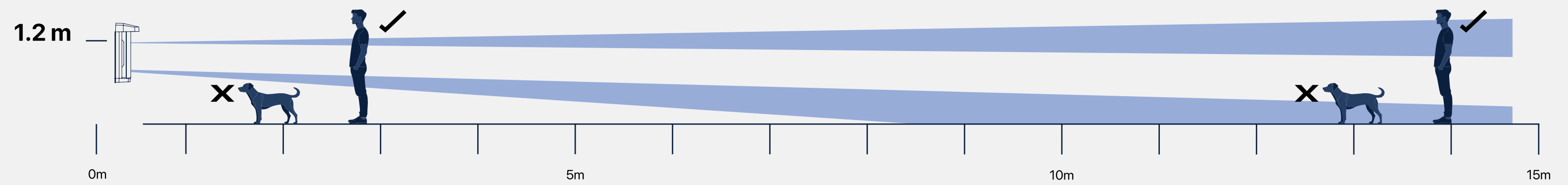
Top View
Detection Area 96°



Side View
Detection Distance By Position



Side View



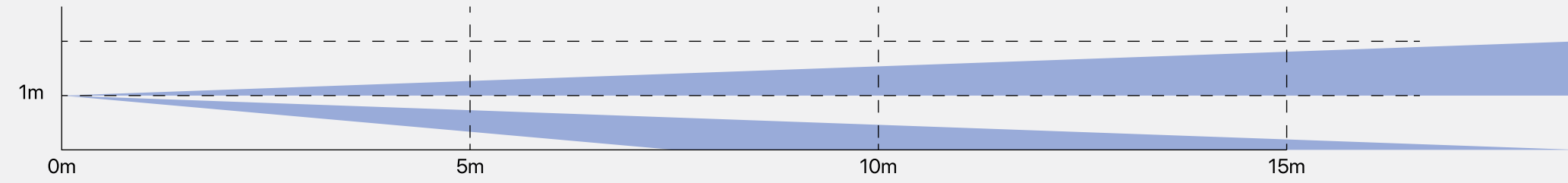
Outdoor PIR

Side View

Detection Distance By Position

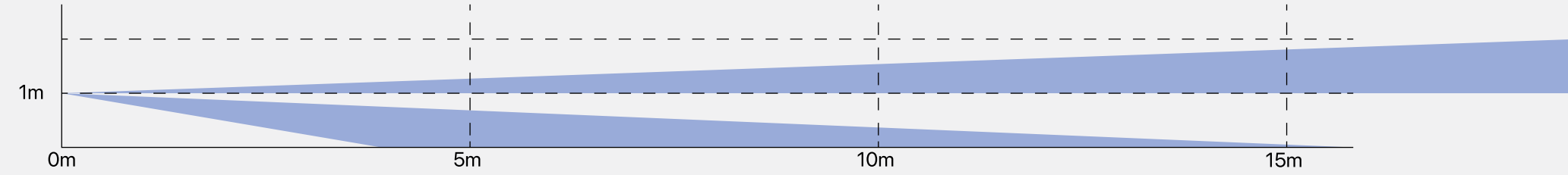
No Clicks

Position 1 : Approx 15m / 49 ft (Default)



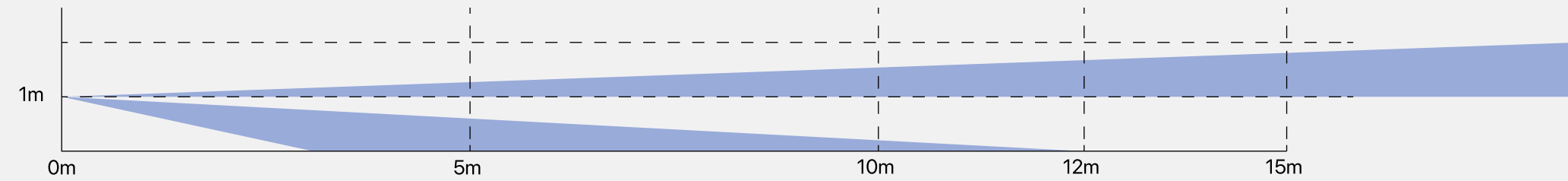
Click 2 & 3

Position 2 : Approx 8.5m / 27.9 ft (Default)



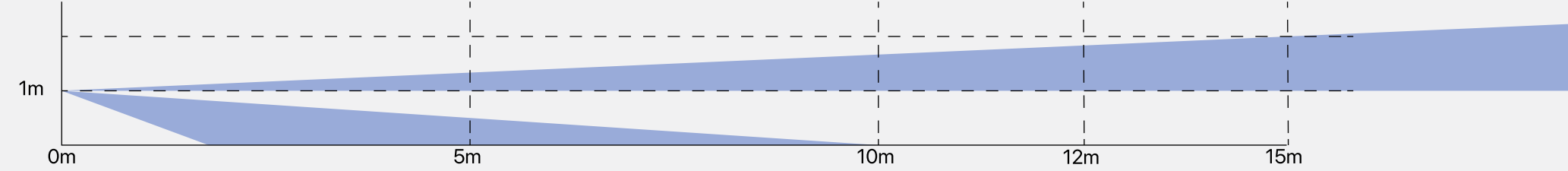
Click 4 & 5

Position 3 : Approx 6m / 19.7 ft (Default)



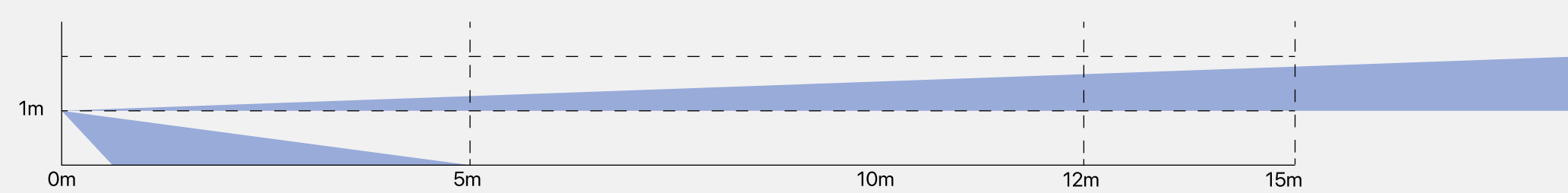
Click 6 & 7

Position 4 : Approx 3.5m / 11.5ft (Default)



Click 8 & 9

Position 5 : Approx 2.5m / 8.2 ft (Default)



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

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