



# MotionProtect Outdoor

## Wireless outdoor motion detector with anti-masking and pet immunity

Wireless outdoor motion detector sends an immediate alarm to the hub when it notices trespassers. Digital signal processing algorithms minimize the risk of false alarms and help the detector to ignore pets. The device operates even at extremely high or low temperatures. Its body is protected against dust and splashes.

### Maximum Performance

- Communicates at a distance of up to 1,700 m from the hub
- Detects motion at a distance of 3–15 m
- Delivers an alarm signal within 0.15 s
- Operates up to 5 years on the pre-installed batteries and supports external power supply
- Uses intelligent anti-masking system to detect obstacles, paint or stickers
- Operates even at extremely high or low temperatures






Live  
Intelligent  
Spectrum  
Analysis

### Effortless Operation




- 3 adjustable sensitivity levels
- Proprietary LISA algorithm to prevent false alarms in outdoor conditions
- Digital temperature compensation
- Two-way communication with the hub for testing and configuring
- Pet-immunity algorithm to ignore the pets that are less than 80 cm in height

LISA intelligent algorithm prevents false alarms triggered by moving animals, swaying trees and plants, as well as birds and insects that land on the detector.

### Simple Installation

-  Use the QR code to connect the device to the hub
-  Use the SmartBracket to mount the device without disassembling it
-  Open the app to test connection quality and configure device settings

### Bulletproof Protection

-  Tampering alarm
-  Data encryption
-  Device forgery prevention

## Tech Specs

- Color: white
- Installation: outdoors
- Recommended installation height: 0.8–1.3 m
- Radio communication range: up to 1,700 m
- Compatibility: all hubs & ReX
- Sensing element: two PIR sensors
- Detection angle: Horizontal — 90°
- Adjustable motion detection distance: 3–15 m
- Pet immunity:  
Weight — not relevant  
Height — up to 80 cm
- Anti-masking feature: available
- Temperature sensor: available
- Battery: 2x CR123A, pre-installed
- Battery life: up to 5 years
- Optional power supply: 5–28 V DC
- Protection class: IP55
- Operating temperature range: from -25°C to +60°C
- Permissible humidity: up to 95%
- Dimensions: 183×70×65 mm
- Weight: 322 g



\*Hood for MotionProtect Outdoor is an accessory that protects sensors of the anti-masking system from rain and snow to prevent false alarms. Sold separately.