

AJAX

MotionProtect

Wireless pet immune
motion detector



The MotionProtect from Ajax Systems, the most awarded wireless security system in Europe, is a PIR Motion Detector that detects human presence by using a passive IR sensor & capable of recognising false alarms. The MotionProtect will automatically increase or decrease the sensor sensitivity in order to accurately detect motion during hot and cold weather.

Simplicity is key, the MotionProtect is ready to operate straight out of the box: the battery is already installed, meaning there is no need to disassemble the detector. With just one click, it can be connected to the hub in the smartphone app & can be mounted on the SmartBracket in just a few minutes.

A required authentication means your system is prevented from forgery as well as including a tampering alarm, jamming detection and communication channels encryption.

- Protects Entrances from Break-Ins
- Sends Alarms to Your Smartphone
- Built-In Tampering Alarm
- Controlled Using a Mobile App
- Ignores Pets Up To 20KG & 50cm
- Detects Motion in Heat Conditions
- 7 Year Battery Life
- Easy & Quick Set Up
- Available in Black & White

Specification

Classification	Electro-optical combined radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with Hub, Hub Plus, ReX, ocBridge Plus, uartBridge
Sensing element	PIR sensor
Alarm signal delivery time	0.15 s
Motion detection distance	Up to 12 m
Detection angles	Horizontal – 88.5° Vertical – 80°
Sensitivity	Adjustable, 3 levels
Recommended installation height	2.4 m
Pet immunity	Weight – up to 20 kg Height – up to 50 cm
Power supply	Battery: CR123A battery Power supply voltage: 3 V Battery life – up to 7 years
Jeweller radio technology	Communication range with central unit – up to 1,700 m in an open space Two-way communication between devices Operating frequencies – 868.0–868.6 MHz Self-adjusting RF output power – up to 20 mW Block encryption based on AES algorithm Device polling period – 12–300 s
Temperature sensor	Available
Operating temperature range	From +5°C to +40°C
Permissible humidity	Up to 75%
Anti-sabotage	Protection against fraud Jamming detection Tamper-resistant
Remote setting and testing	+
Dimensions	110x65x50 mm
Weight	86 g
Certification	Grade 2, CE
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	MotionProtect motion detector SmartBracket mounting panel CR123A battery (pre-installed) Installation set User's guide