



AJAX

Tech specs

MotionProtect

Classification	Electro-optical radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with all Ajax Hubs and Range Extenders
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°
Time for motion detection	From 0.3 to 2 m/s
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, 3 V
Battery life	Up to 5 years

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Jeweller radio technology

Communication range with central unit – up to 1,700m in an open space
Two-way communication between devices

Radio frequency bands (depends on the region of sale):

866.0 – 866.5 MHz

868.0 – 868.6 MHz

868.7 – 869.2 MHz

905.0 – 926.5 MHz

915.85 – 926.5 MHz

921.0 – 922.0 MHz

Self-adjusting RF output power – up to 20 mW

Block encryption based on AES algorithm

Detector polling period – 12–300 s

Temperature sensor

Available

Operating temperature range

From -10°C to +40°C

Permissible humidity

Up to 75%

Anti-sabotage

Protection against fraud
Jamming detection
Tamper-resistant

Remote setting and testing

+

Dimensions

110 x 65 x 50 mm

Weight

86 g

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