



AJAX

Tech specs

MotionProtect Plus

Classification	Electro-optical combined radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with all Ajax Hubs and Range Extenders
Sensing element	PIR sensor, microwave sensor (24 GHz)
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 1,200m 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

96 g

Warranty

Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty

Complete set

MotionProtect Plus motion detector
SmartBracket mounting panel
CR123A battery (pre-installed)
Installation set
User's guide