

Tech specs

Classification	Electro-optical radio channel security detector
Type of detector	Wireless
Installation method	Indoors
Compatibility	Operates with all Ajax hubs, range extenders, 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°
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
Jeweller radio technology	Communication range with central unit — up to 1,700 m in an open space Two-way communication between devices Radio frequency bands: 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 (depends on the region of sale) 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 × 65 × 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