

AJAX

Specification – MotionCam



Classification	Electro-optical combined radio channel security detector with a photo camera
Detector type	Wireless
Installation	Indoors
Motion detection distance	Up to 12 m
Pet immunity	Weight: up to 20 kg Height: up to 50 cm
Compatibility	Only with Hub 2
Sensing element	PIR sensor
Detection angles	Horizontal — 88.5° Vertical — 80°
Camera view angle	90°
Alarm signal delivery time	0.15 sec
Photo verification	Time to deliver a photograph with default settings: up to 9 sec Photo quality: up to 640 × 480 Pictures in a series: 1-5 pcs
IR backlight for night mode pictures	Available
Sensitivity	Adjustable, 3 levels
Recommended installation height	2.4 m
Power supply	Battery: CR123A x 2 Power supply voltage: 3 V Battery life: up to 4 years (up to 2.5 years if “Delay when entering” setting is activated)
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 Frequency hopping
Wings radio technology	Transmission of visual alarm verifications
Temperature sensor	Available
Operating temperature range	+0°C to +50°C
Operating humidity	Up to 75%
Anti-sabotage	Protection against fraud Jamming detection Tamper resistant



CMS compatibility	Motion alarms are transmitted to CMSs that support SIA and Contact ID protocols Visual alarm verifications are transmitted to the Manitou CMS and Ajax PRO Desktop app
Remote configuration and testing	+
Protection class	IP50
Dimensions	135 × 70 × 60 mm
Weight	167 g
Warranty	Replacement and repair within 24 months of the date of sale. Batteries are not covered under warranty.
Complete set	MotionProtect Curtain motion detector SmartBracket mounting panel 2x CR123A batteries (pre-installed) Installation kit Quick Start Guide
