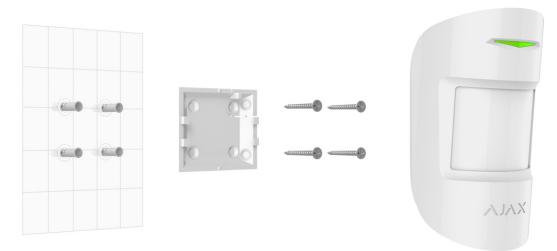# AJAX

COMBIPROTECT

Wireless combined motion and glass break detector. The device helps to secure the room from intruders entering through doors and windows, and monitors the current state of the glass.

Ready to operate straight out the box: the battery is already installed, therefore there is no need to disassemble the detector. With one click, it can be connected to the hub in the mobile application. It can be mounted on the SmartBracket in just a few minutes.

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, electret microphone
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
Power supply	Battery: CR123A battery, Power supply voltage: 3 V
	Battery life — up to 5 years
Jeweller radio technology	Communication range with central unit — up to 1,200 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 temp range	From +5°℃ to +40°℃
Permissible humidity	Up to 75%
Anti-sabotage	Protection against fraud
	Jamming detection
	Tamper-resistant
Remote setting and testing	+
Dimensions	110x65x50 mm
Weight	92 g
Certification	Grade 2, CE
Complete set	CombiProtect combined motion and glass break detector
	SmartBracket mounting panel
	CR123A battery (pre-installed)
	Installation set
	User's guide