



# CombiProtect

Wireless indoor motion and glass break detector

The Ajax hub is required for operation. Find the detailed information on the official website.



<https://ajax.systems/support/devices/combiprotect>



Grade 2 EN 50131



PD 6662:2017



High-end PIR sensor and optical system with up to 12 m detection distance, and 88.5°/80° viewing angles.



Two-factor verification for glass breaking alarms: by low and high frequencies.



Immunity to pets with a weight of up to 20 kg and height up to 50 cm.



Up to 5 years of autonomous operation on a pre-installed battery.



SmartDetect software algorithm to analyse the signal from the PIR sensor and prevent false alarms.



Pairing with the security system within 30 seconds via QR code.



Electric microphone for glass breaking detection at a distance of up to 9 m and with 180° coverage angle.



Mobile and desktop apps to adjust, test, and control the security system.



Two-way encrypted communication with control panel at the range of up to 1,200 m.



Tampering alarm.

# Tech Specs

## General

Colour	white, black	Installation	indoor at a height of 2.4 m
Compatibility	all hubs & ReX	Compliance	EN 50131 (Grade 2) PD 6662:2017

## Communication

Communication protocol	Jeweller: two-way encrypted communication of event and alarms	Radio communication range	up to 1,200 m
Frequency band	868.0–868.6 MHz 868.7–869.2 MHz 863.0–870.0 MHz (depends on the region of sale)	Maximum effective radiated power (ERP)	≤ 20 mW

## Detection

Motion detection distance	up to 12 m	Motion detection angles	horizontally – 88.5° vertically – 80°
Glass break detection distance	up to 9 m	Glass break detection angle	180°
Pet immunity	weight up to 20 kg height up to 50 cm	Sensitivity	3 levels (set by user in app)

## Power supply

Power supply	1 x CR123, 3 V	Battery life	up to 5 years
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## Antisabotage protection

Tampering alarm	+	Pings	12–300 sec (set by user in app)
Frequency hopping	+	Protection against forgery	+

## Body and complete set

Operating temperature range	from –10°C to +40°C	Operating humidity	up to 75%
Overall dimensions	110 × 65 × 50 mm	Weight	92 g
Complete set	CombiProtect SmartBracket mounting panel 1 x CR123 (pre-installed) Installation kit Quick start guide		