MotionProtect Plus



Wireless indoor motion detector with additional microwave sensor
The Ajax hub is required for operation.

Grade 2 EN 50131PD 6662:2017

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

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

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

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

Tampering alarm.

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

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

Mobile and desktop apps to adjust,

test,
and control the security system.

The additional microwave sensor filters false alarms from the air conditioner and curtain movement.

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°
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

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	96 g
Complete set	MotionProtect Plus SmartBracket mounting panel 1 x CR123 (pre-installed) Installation kit Quick start guide		