MotionProtect Plus



Wireless indoor motion detector with additional microwave sensor

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

https://ajax.systems/support/devices/motionprotectplus

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.
- 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		