

# **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.



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



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



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



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



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.



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



Tampering alarm.

## **Tech Specs**

#### General

Communication  Communication  Jeweller: two-way protocol  encrypted communication of event and alarms  Frequency band  868.0−868.6 MHz 868.7−869.2 MHz 863.0−870.0 MHz (depends on the region of sale)  Motion detection  Motion detection  Radio up to communication range  What maximum effective radiated power (ERP)  (ERP)  Motion detection horize	ls
Communication  Communication  Jeweller: two-way encrypted communication range  event and alarms  Frequency band  868.0-868.6 MHz 868.7-869.2 MHz 863.0-870.0 MHz (depends on the region of sale)  Radio up to communication range  Waximum effective ≤ 20 region of sale)	ontally — 88.5° ally — 80°
Communication  Communication  Jeweller: two-way protocol  encrypted communication of communication of event and alarms  Frequency band  868.0-868.6 MHz 868.7-869.2 MHz 863.0-870.0 MHz (depends on the	
Communication  Communication Jeweller: two-way Radio up to protocol encrypted communication communication of range	nW
PD 66	1,200 m
Compatibility all hubs & ReX Compliance EN 50	0131 (Grade 2) 062:2017
Colour white, black Installation indocoof 2.4	r at a height · m

Battery life

1 x CR123, 3 V

Power supply

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		