



Baseline product line

MotionProtect Outdoor Jeweller

Wireless outdoor motion detector with an anti-masking and pet-immunity

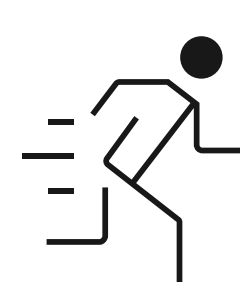


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GRADE
EN 50131

PD 6662
2017

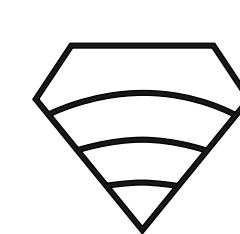
UL®
LISTED

IP55



Motion detection

- From 3 to 15 m adjustable detection distance
- LISA and SmartDetect software algorithms to filter false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity to animals with height up to 80 cm



Jeweller communication technology

- Up to 1,700 m of radio communication in an open space and twice as much with a range extender
- Data is encrypted throughout the transmission process
- Regular polling of each system device to display current statuses in apps



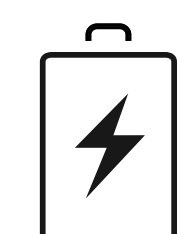
Sabotage resistance

- Intelligent anti-masking system
- Tamper alarm
- Holding screw to secure the device on SmartBracket
- Device authentication against spoofing



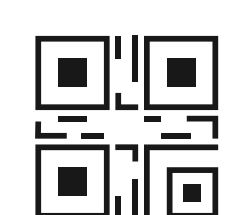
System supervision

- The system controls each device state and reports if there is a malfunction or connection loss
- Automatic detector self-diagnosis with state reporting to the hub
- Instant maintenance notifications



Power supply

- Up to 5 years of operation with pre-installed batteries
- In-app low battery warning
- Replaceable CR123A batteries
- Optional 12 V $\overline{\text{=}}$ power supply connection with pre-installed batteries as a backup power source



Quick installation and setup

- Pairing with a hub via QR code
- SmartBracket panel to mount the device without disassembling the enclosure
- Hood to protect sensors from rain and snow (sold separately)
- Remote control and configuration in Ajax apps

Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compliance EN 50131 (Grade 2) PD 6662:2017 UL369, ULC S306	Compatibility Hubs Hub Jeweller, Hub Plus Jeweller, Hub 2 (2G) Jeweller, Hub 2 (4G) Jeweller, Hub 2 Plus Jeweller, Hub Hybrid (2G), Hub Hybrid (4G) Range extenders ReX Jeweller, ReX 2 Jeweller	Communication with a hub Jeweller communication technology Communication range up to 1,300 m In an open space Radio frequency band 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region	Detection Sensing elements 2 × PIR sensor Motion detection distance 3–15 m Adjusted using a scrollbar on the detector's back Detection angles horizontal — 90° vertical — N/A Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app Pet immunity height: up to 80 cm weight: N/A
Power supply Battery 2 × CR123A Pre-installed External power supply 5–28 V $\overline{=}$, 200 mA 12 V $\overline{=}$ power supply is recommended to use	Installation Recommended installation height from 0.8 to 1.3 m Operating temperature range from –25°C to +65°C Operating humidity up to 95%	Enclosure Colour white Dimensions 183 × 70 × 65 mm Weight 322 g Protection class IP55	Complete set MotionProtect Outdoor Jeweller SmartBracket mounting panel 2 × CR123A battery (pre-installed) Installation kit Quick start guide