



Baseline product line

# MotionProtect Outdoor Jeweller

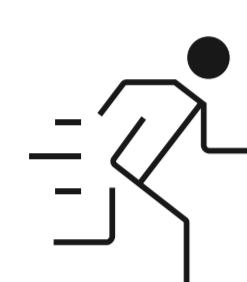
Wireless outdoor motion detector with an anti-masking and pet-immunity



2  
GRADE  
EN 50131

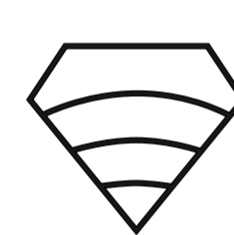
PD 6662  
2017

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



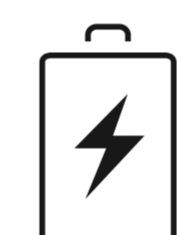
## Sabotage resistance

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



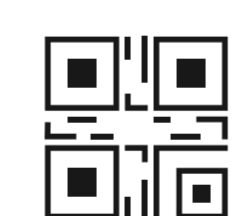
## System supervision

- 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 $\overline{=}$  power supply connection with pre-installed batteries as a backup power source

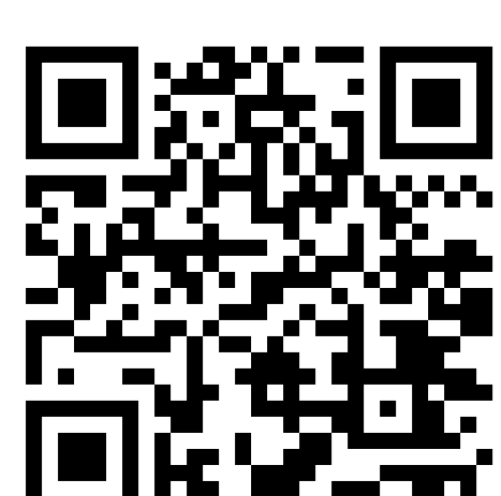


## Quick installation and setup




- 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.

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



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/motionprotect-outdoor/](https://ajax.systems/support/devices/motionprotect-outdoor/)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://t.me/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://ajax.systems)