



Baseline product line

# MotionProtect Outdoor Jeweller

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

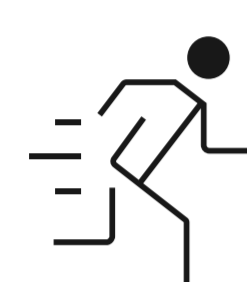


2  
GRADE  
EN 50131

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



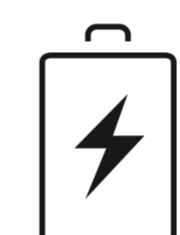
## Sabotage resistance

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

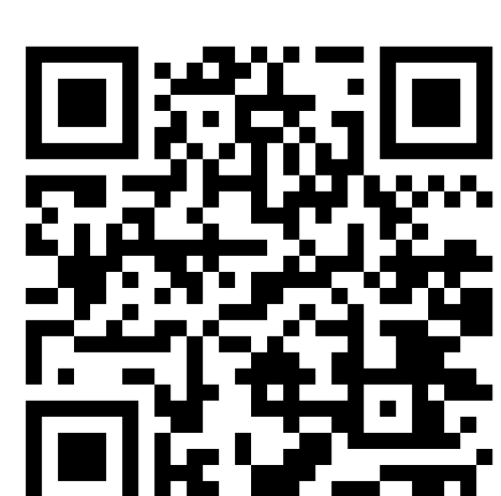


## Quick installation and setup




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