

# Curtain Outdoor Jeweller

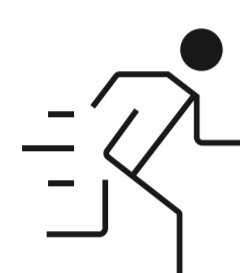
Wireless dual technology curtain motion detector for outdoor and indoor use



2  
GRADE  
EN 50131

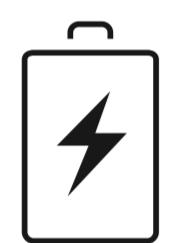
PD 6662  
2017

IP55



## Advanced detection

- Two IR and one microwave sensors
- Motion detection range adjusted with a slider at the device enclosure
- Vertical viewing angle: 85° without blind spots under the detector<sup>1</sup>
- Horizontal viewing angle: 8°



## Smart features

- Installing the detector perpendicular or parallel to the surface with SmartBracket or angle mount
- **Pet immunity:** the device ignores pets below 100 cm in height



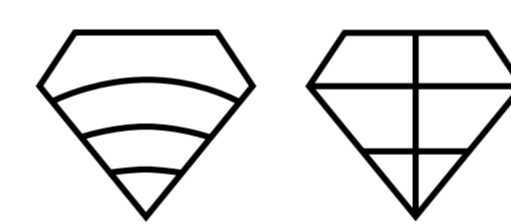
## Sabotage protection

- Anti-masking system that meets the Grade 2 requirements<sup>2</sup>
- Tamper alarm and a built-in accelerometer to notify of an attempt to dismantle the device
- Protection against spoofing with device authentication
- Holding screw to secure the detector on SmartBracket



## Eliminating false alarms

- IR sensors alarm verification with a Ka-band microwave sensor
- Three sensitivity levels: selectable in the app
- **SmartDetect** and **dual technology motion detection** algorithms for false alarms prevention
- Temperature compensation for effective motion detection at temperatures from **-25 °C to +60 °C**



## Jeweller and Wings wireless communication

- Wireless communication range: up to 1,700 m
- Block cipher encryption for advanced data protection
- Regular polling to check the current state of the device
- Frequency hopping to prevent interception and jamming



## Hassle-free installation

- Pairing with the hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Calculated battery life: up to 3 years
- No need to disassemble the enclosure during the installation
- Bundled hood to protect from rain and snow

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

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2) PD 6662:2017</p>	<p><b>Compatibility</b></p> <p><b>Hubs</b> Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub BP Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p><b>Range extenders</b> ReX 2 Jeweller</p>	<p><b>Communication with a hub</b></p> <p><b>Jeweller communication technology</b></p> <p><b>Wings communication technology</b></p> <p><b>Communication range</b> up to 1,700 m In an open space</p> <p><b>Frequency bands</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>Motion detection distance</b> up to 8–12 m (when installed at a height of 1–2.4 m)</p> <p><b>Motion detection angles</b> vertical: 85° (15° when installed at a height of 1 m) horizontal: 8°</p> <p><b>Motion detection speed</b> 0.3 to 2.0 m/s The direction of the detector lens should be perpendicular to an alleged intrusion path into the facility.</p>
<p><b>Power supply</b></p> <p><b>Battery</b> 2 × CR123A (pre-installed)</p> <p><b>Calculated battery life</b> up to 3 years</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white</p> <p><b>Dimensions</b> 141 × 60 × 72 mm (without angle mount) 141 × 76 × 84 mm (with angle mount)</p> <p><b>Weight</b> 223 g (without angle mount) 257 g (with angle mount)</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from –25 °C to +60 °C</p> <p><b>Operating humidity</b> up to 95%</p> <p><b>Protection class</b> IP55</p> <p><b>Installation height</b> 2.4 m (1 m when <b>pet immunity</b> is enabled)</p>	<p><b>Complete set</b></p> <p>Curtain Outdoor Jeweller SmartBracket mounting panel Hood 2 × CR123A battery (pre-installed) Angle mount Installation kit Quick start guide</p>

<sup>1</sup> 15° when installed at a height of 1 m.

<sup>2</sup> The device recognizes anti-masking only for IR sensors. Masking detection for microwave sensors is not supported.



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

- ✉ support@ajax.systems
- 📧 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems