



Baseline product line

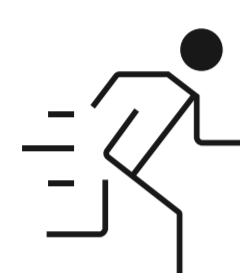
Curtain Outdoor Jeweller

Wireless dual-technology curtain motion detector for outdoor and indoor use



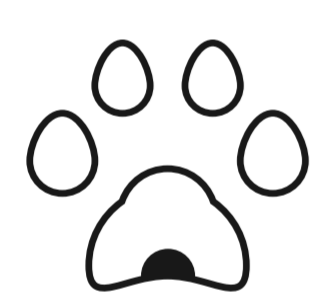
2
GRADE
EN 50131

IP55



Advanced detection

- Two PIR and one microwave sensors
- Motion detection range adjusted with a slider at the device enclosure
- Vertical viewing angle: 85° without blind spots under the detector¹
- 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 (3.3 ft) in height



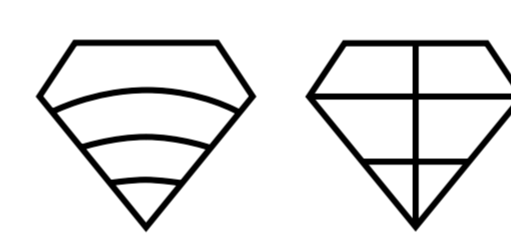
Sabotage protection

- Anti-masking system that meets the Grade 2 requirements²
- 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 or on Hood



False alarm prevention

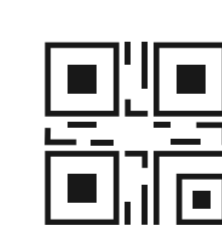
- PIR sensors alarm verification with a K-band microwave sensor
- Three sensitivity levels: selectable in the app
- SmartDetect algorithm and dual motion detection technology to prevent false alarms
- Temperature compensation for effective motion detection at temperatures from -25 °C to +60 °C (from -13 °F to 140 °F)



Jeweller and Wings

wireless communication

- Wireless communication range of up to 1,700 m (5,550 ft)
- 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 and configuration

- Pairing with the hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Calculated battery life of 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>Compliance with standards</p> <p>EN 50131 (Grade 2)</p>	<p>Compatibility</p> <p>Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders ReX 2 Jeweller</p>	<p>Communication with a hub</p> <p>Jeweller communication technology</p> <p>Wings communication technology</p> <p>Communication range up to 1,700 m up to 5,550 ft In an open space</p> <p>Frequency bands 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>Detection</p> <p>Motion detection distance up to 8–12 m when installed at a height of 1–2.4 m up to 26–39 ft when installed at a height of 3.3–7.9 ft</p> <p>Motion detection angles vertical: 85° when installed at a height of 2.4 m (7.9 ft) vertical: 15° when Pet immune mode is active horizontal: 8°</p> <p>Motion detection speed from 0.3 to 2.0 m/s from 1 to 6.6 ft/s The direction of the detector lens should be perpendicular to an alleged intrusion path into the facility.</p>
<p>Power supply</p> <p>Battery 2 × CR123A (pre-installed)</p> <p>Calculated battery life up to 3 years</p>	<p>Enclosure</p> <p>Color white</p> <p>Dimensions 141 × 60 × 72 mm 5.55" × 2.36" × 2.83" (without angle mount) 141 × 76 × 84 mm 5.55" × 2.99" × 3.31" (with angle mount)</p> <p>Weight 223 g 7.87 oz (without angle mount) 257 g 9.07 oz (with angle mount)</p>	<p>Installation</p> <p>Operating temperature range from –25 °C to +60 °C from –13 °F to 140 °F</p> <p>Operating humidity up to 95%</p> <p>Protection class IP55</p> <p>Installation height 2.4 m (7.9 ft) 1 m (3.3 ft) when the Pet immunity mode is enabled</p>	<p>Complete set</p> <p>Curtain Outdoor Jeweller SmartBracket mounting panel Hood 2 × CR123A battery (pre-installed) Angle mount Installation kit Quick start guide</p>

¹ 15° when Pet immune detection mode is active.

² The device detects masking of PIR sensors only. It does not recognize masking of the microwave sensor.



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

-  support@ajax.systems
-  @AjaxSystemsSupport_Bot
-  ajax.systems