



Baseline product line

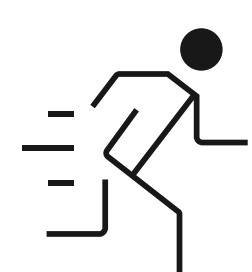
Curtain Outdoor Jeweller

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



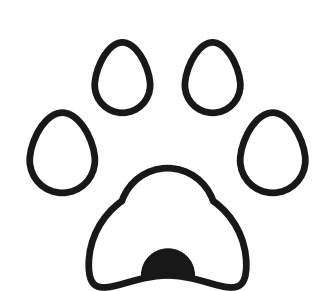
2
GRADE
EN 50131

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



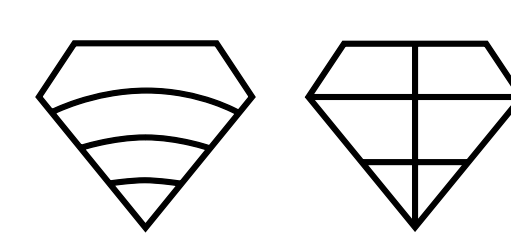
Sabotage protection

- 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

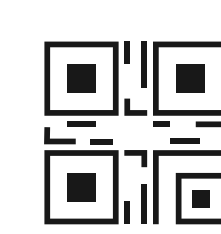
- PIR sensors alarm verification with a K-band microwave sensor
- Three sensitivity levels: selectable in the app
- SmartDetect algorithm and dual motion detection technology to prevent false alarms
- Temperature compensation for effective motion detection at temperatures from -25 °C to +60 °C (from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

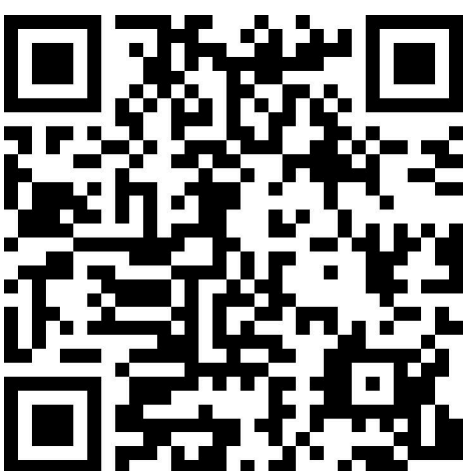
- Pairing with the hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Calculated battery life of up to 3 years
- No need to disassemble the enclosure during the installation
- Bundled hood to protect from rain and snow

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

Compliance with standards EN 50131 (Grade 2)	Compatibility Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G) Range extenders ReX 2 Jeweller	Communication with a hub Jeweller communication technology Wings communication technology Communication range up to 1,700 m up to 5,550 ft In an open space 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	Detection 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 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° 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.
Power supply Battery 2 × CR123A (pre-installed) Calculated battery life up to 3 years	Enclosure Color white 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) Weight 223 g 7.87 oz (without angle mount) 257 g 9.07 oz (with angle mount)	Installation Operating temperature range from –25 °C to +60 °C from –13 °F to 140 °F Operating humidity up to 95% Protection class IP55 Installation height 2.4 m (7.9 ft) 1 m (3.3 ft) when the Pet immunity mode is enabled	Complete set Curtain Outdoor Jeweller SmartBracket mounting panel Hood 2 × CR123A battery (pre-installed) Angle mount Installation kit Quick start guide

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