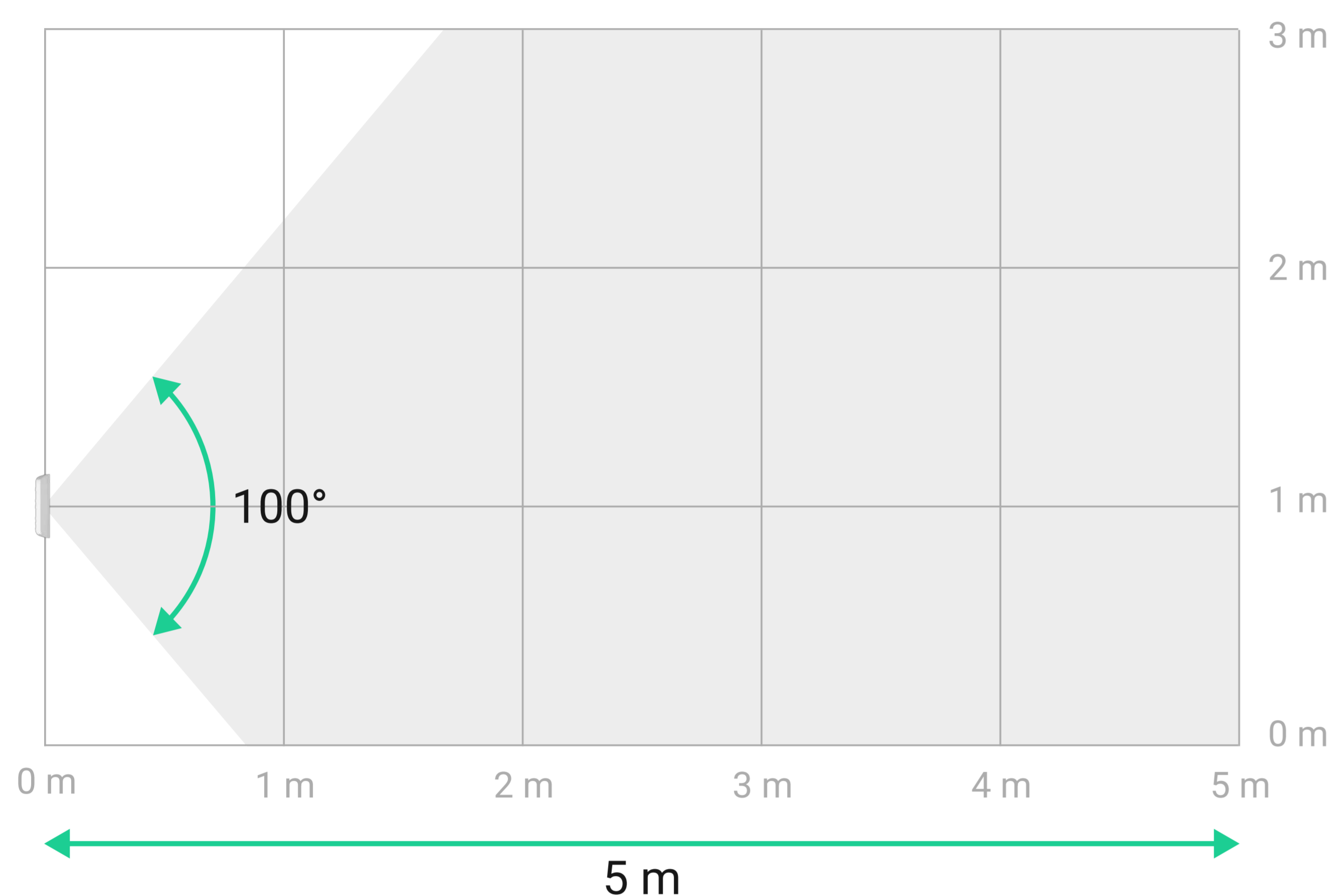


# Curtain Outdoor Mini Jeweller

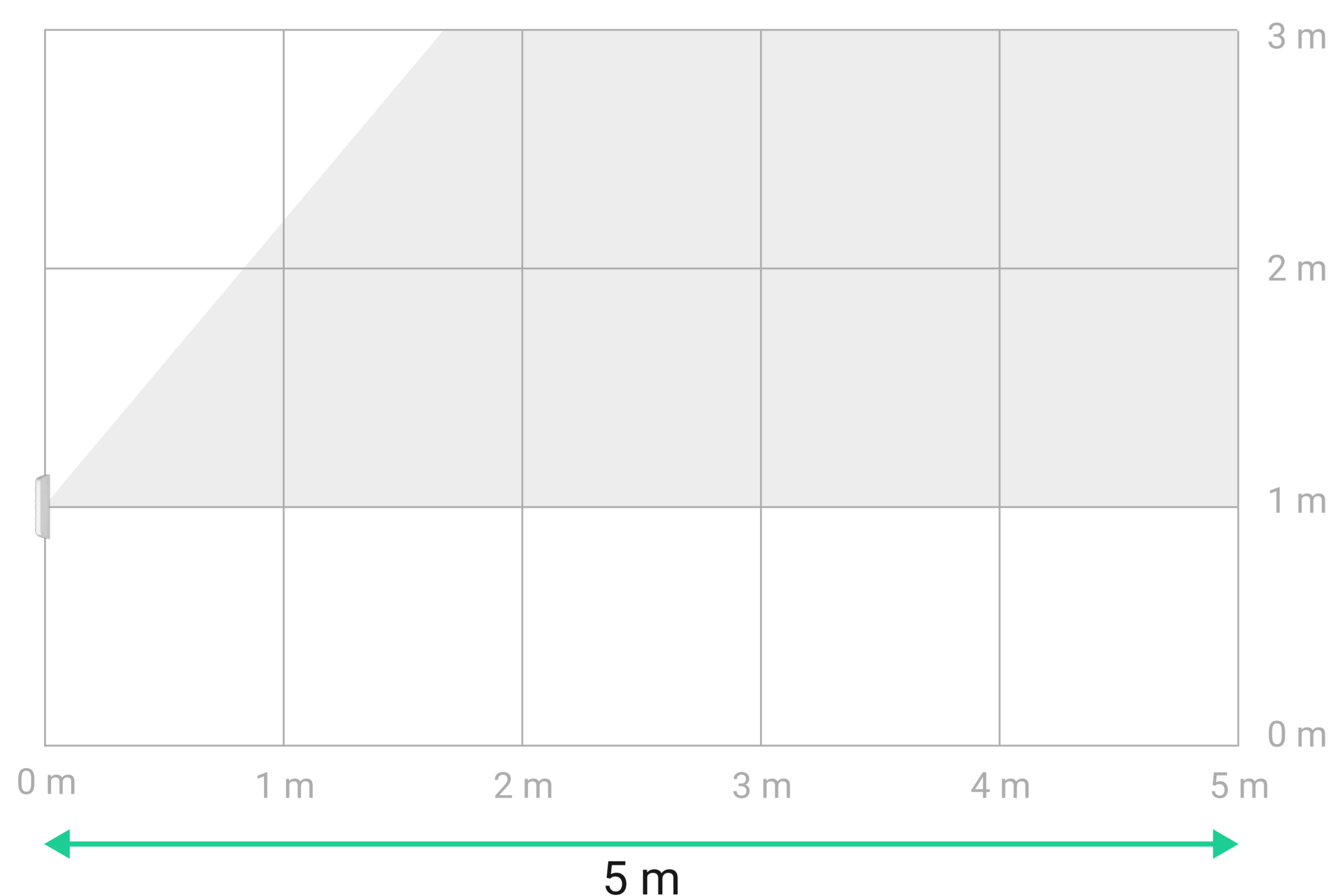
Wireless dual-technology curtain motion detector for outdoor and indoor use



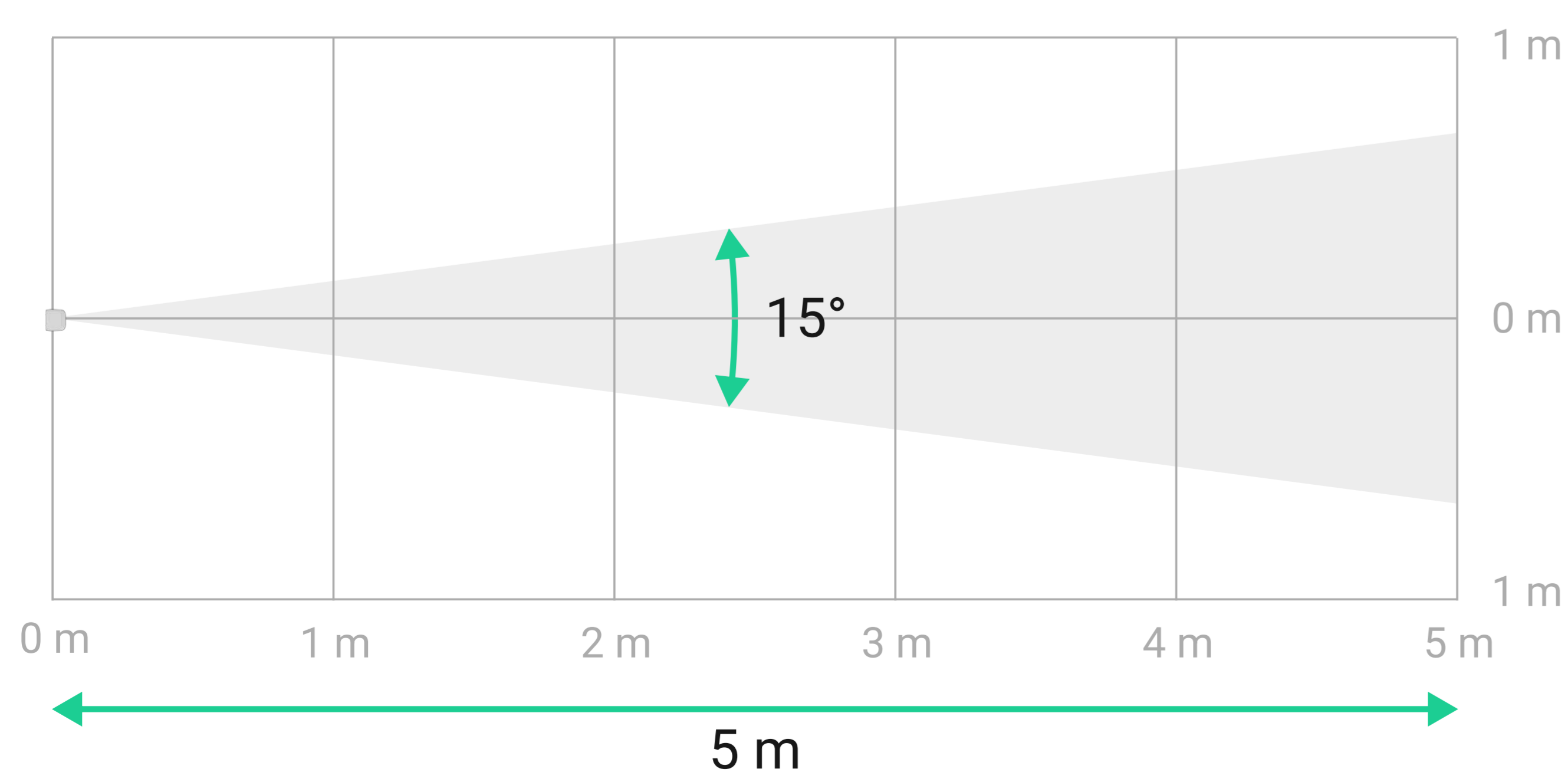
Vertical (Regular mode)



Vertical (Pet immunity mode)



Horizontal



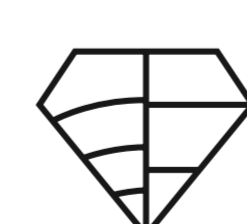
## Advanced detection

- One PIR and one K-band microwave sensor
- Detection range of up to 5 m (16 ft)
- Vertical viewing angle: 100° without blind spots under the detector
- Horizontal viewing angle: 15°



## False alarm prevention

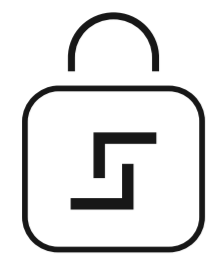
- Three sensitivity levels: selectable in the app
- **Dual motion detection technology** allows for filtering out false alarms caused by thermal noise, animals, or plants
- **SmartDetect algorithm** analyzes thermal data to accurately detect human motion and ignore false triggers
- With the **Pet immunity** feature, the detector ignores birds and pets up to 100 cm (3.3 ft) in height
- Temperature compensation ensures effective motion detection at temperatures from -25 °C to +60 °C (from -13 °F to 140 °F)



## Jeweller and Wings

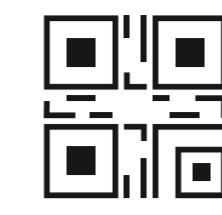
wireless communication

- Wireless communication range of up to 1,700 m (5,550 ft)
- Data encryption throughout the transmission process
- Regular polling to display the current state of the detector
- Frequency hopping to prevent radio interference and jamming




## Sabotage protection

- Anti-masking system that meets the Grade 2 requirements<sup>1</sup>
- Tamper button and a built-in accelerometer to notify of an attempt to dismantle the device
- Detector authentication against spoofing
- Holding screw to secure the detector on SmartBracket



## Hassle-free installation and maintenance

- Adding to the hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Battery life of up to 3 years
- No need to disassemble the enclosure during the installation
- Two installation options: SmartBracket and the angle mount

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2)</p>	<p><b>Compatibility with hubs and range extenders</b></p> <p>For detailed information, scan the QR code or follow the link:</p>  <p><a href="https://ajax.systems/tools/devices-compatibility/?models=CO.M.J">ajax.systems/tools/devices-compatibility/?models=CO.M.J</a></p>	<p><b>Communication with a hub or range extender</b></p> <p>Jeweller communication technology</p> <p>Wings communication technology</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>Communication range up to 1,700 m up to 5,550 ft In an open space</p>	<p><b>Detection</b></p> <p>Sensitive elements 1 × PIR sensor 1 × K-band microwave sensor</p> <p>Dual motion detection technology</p> <p>Motion detection range up to 5 m up to 16 ft</p> <p>Motion detection angles vertical: 100° horizontal: 15°</p> <p>Motion detection speed from 0.3 to 2.0 m/s from 1 to 6.6 ft/s The detector lens should be aimed perpendicular to a likely route of entry into a facility.</p>
<p><b>Power supply</b></p> <p>Battery 2 × CR123A (pre-installed)</p> <p>Battery life up to 3 years</p>	<p><b>Enclosure</b></p> <p>Color white</p> <p>Dimensions 43 × 32 × 145 mm 1.69" × 1.26" × 5.71" (without angle mount)</p> <p>54 × 44 × 145 mm 2.13" × 1.73" × 5.71" (with angle mount)</p> <p>Weight 130 g 4.59 oz (without angle mount)</p> <p>150 g 5.29 oz (with angle mount)</p> <p>Protection class IP55</p>	<p><b>Installation</b></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>Installation height 2.4 m (7.9 ft) 1 m (3.3 ft) when the Pet immunity mode is enabled</p>	<p><b>Complete set</b></p> <p>Curtain Outdoor Mini Jeweller SmartBracket mounting panel 2 × CR123A battery (pre-installed) Angle mount Installation kit Quick start guide</p>

<sup>1</sup> The device detects masking of the PIR sensor and 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-mini-jeweller/](https://ajax.systems/support/devices/curtain-outdoor-mini-jeweller/)

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