



Ajax Superior MotionProtect Plus G3 Jeweller

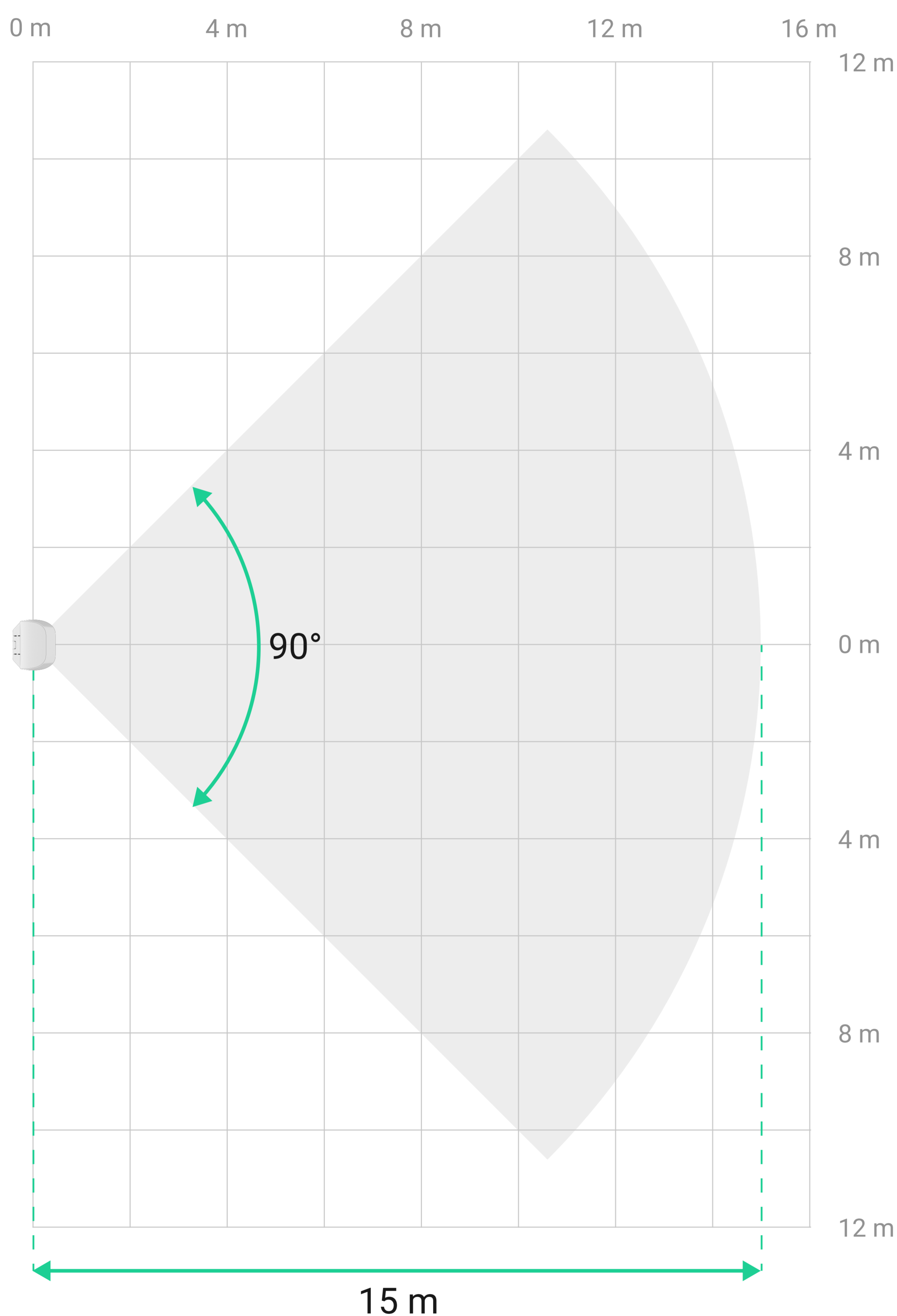
Wireless PIR motion detector with an additional K-band microwave sensor and anti-masking system

Ajax Superior products are available exclusively to accredited Ajax Systems partners for sales, installation, and maintenance, creating a protected, high-value revenue channel.

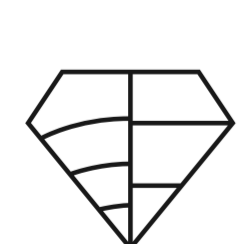


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GRADE
EN 50131

PD 6662
2017



Ajax Superior MotionProtect Plus G3 Jeweller does not support the pet immunity feature.



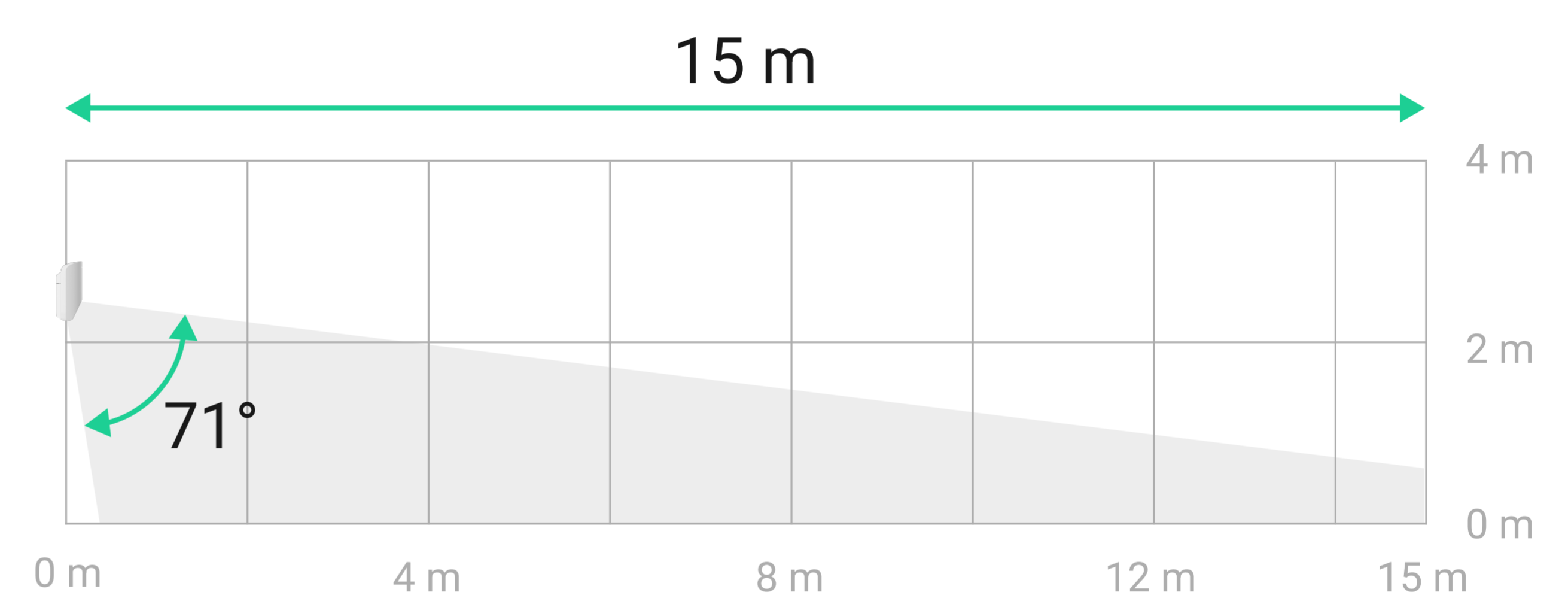
Superior Jeweller and Wings communication technologies

- Up to 3,500 m (11,450 ft) of radio communication in open space¹
- Enhanced encryption throughout data transmission
- Regular polling to display the current device state
- Over-the-air firmware updates



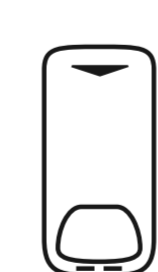
Motion detection

- Dual motion detection with PIR and K-band microwave sensors
- Up to 15 m (49 ft) of motion detection distance
- Minimized blind zone: 30 cm (0.98 ft)
- Proprietary optical system with PIR sensor and multifaceted mirror to focus IR radiation
- Detection of any fast or slow movement, including crawling



False alarm prevention

- Dual detection with a K-band microwave sensor filtering out IR interference
- SmartDetect software algorithm to filter out headlights, lighting devices, and heat flows
- Three motion detection sensitivity levels for any site and conditions
- Three sensitivity levels for masking detection



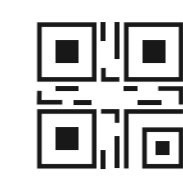
Advanced system supervision

- Regular self-check of PIR, microwave, and anti-masking sensors
- Early low-battery notifications
- Instant malfunction notifications




Sabotage protection

- Three tamper buttons to prevent device dismantling or detachment
- Locker for fixing the device on the SmartBracket mounting panel
- Communication loss detection within² 36 seconds
- Frequency hopping to prevent radio interference and jamming
- Device authentication to prevent spoofing



Hassle-free installation

- Adding to the system via QR code
- Up to five (TBC) years of operation on pre-installed batteries
- Fast installation and battery replacement without enclosure disassembly
- Option for side installation
- All necessary fasteners included in the complete set
- Setup in minutes via an Ajax app – no programming required
- Remote control and configuration in mobile and desktop apps

<p>Compliance with standards</p> <p>EN 50131 (Grade 3) PD 6662:2017</p>	<p>Compatibility with hubs and range extenders</p> <p>For detailed information, scan the QR code or follow the link:</p>  <p>ajax.systems/tools/devices-compatibility/?models=MPP.G3.J</p>	<p>Communication with a hub or range extender</p> <p>Superior Jeweller communication technology</p> <p>Wings communication technology</p> <p>Frequency bands</p> <p>865.0–868.0 MHz 868.0–868.6 MHz 868.7–869.2 MHz 869.4–869.65 MHz</p> <p>The device supports these four bands</p> <p>Communication range¹</p> <p>up to 3,500 m up to 11,450 ft</p> <p>In open space</p> <p>Polling interval</p> <p>12–300 s</p> <p>Adjusted by a PRO or user with admin rights via Ajax apps</p> <p>Over-the-air firmware updates</p>	<p>Motion detection</p> <p>Sensitive element</p> <p>1 × PIR sensor 1 × K-band microwave sensor</p> <p>Motion detection distance</p> <p>up to 15 m up to 49 ft</p> <p>When the detector is installed at a height of 2.4 m (7.9 ft)</p> <p>Motion detection angle</p> <p>horizontal: 90° vertical: 71°</p> <p>Motion detection sensitivity</p> <p>3 levels</p> <p>Adjusted in Ajax apps</p> <p>Masking detection sensitivity</p> <p>3 levels</p> <p>Adjusted in Ajax apps</p>
<p>Power supply</p> <p>Battery</p> <p>4 × CR123A (pre-installed)</p> <p>Battery life</p> <p>up to 5 years (TBC)</p>	<p>Installation</p> <p>Recommended installation height</p> <p>2.4 m 7.9 ft</p> <p>Operating temperature range</p> <p>from –10 °C to +40 °C from 14 °F to 104 °F</p> <p>Operating humidity</p> <p>up to 75%</p>	<p>Enclosure</p> <p>Color</p> <p>black, white</p> <p>Dimensions</p> <p>135 × 66 × 60 mm 5.31" × 2.60" × 2.36"</p> <p>Weight</p> <p>TBC</p> <p>Protection class</p> <p>IP30</p>	<p>Complete set</p> <p>Ajax Superior MotionProtect Plus G3 Jeweller</p> <p>SmartBracket mounting panel</p> <p>4 × CR123A battery (pre-installed)</p> <p>Installation kit</p> <p>Quick start guide</p>

¹ Communication range depends on the hub model.

² If the polling interval is set to send three data packets as often as every 12 seconds.



For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/superior-motionprotect-plus-g3-jeweller

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