

Ajax Superior MotionProtect Plus G3 Jeweller

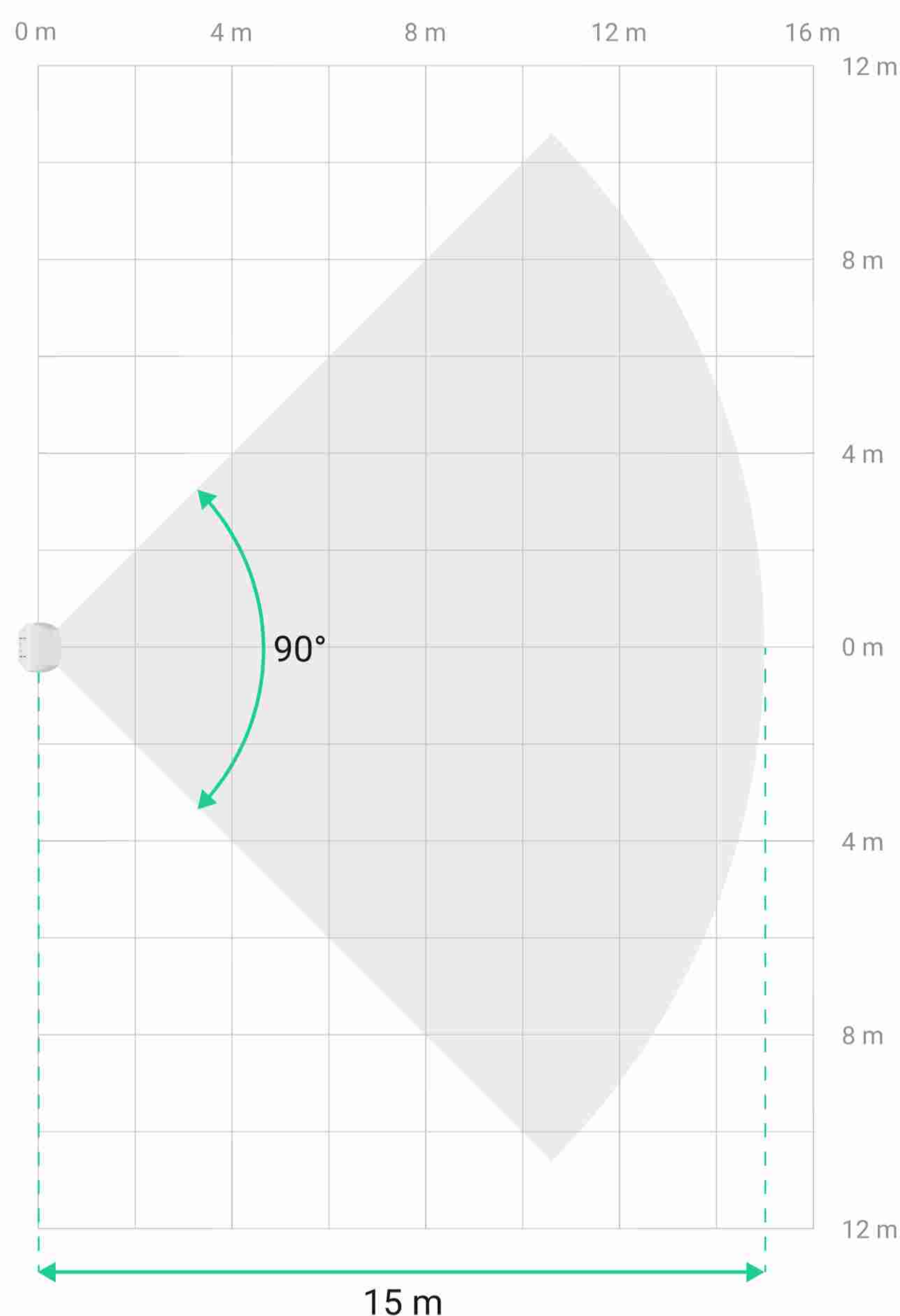
Wireless PIR motion detector with an additional K-band microwave sensor and anti-masking system

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



3
GRADE
EN 50131

PD 6662
2017



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



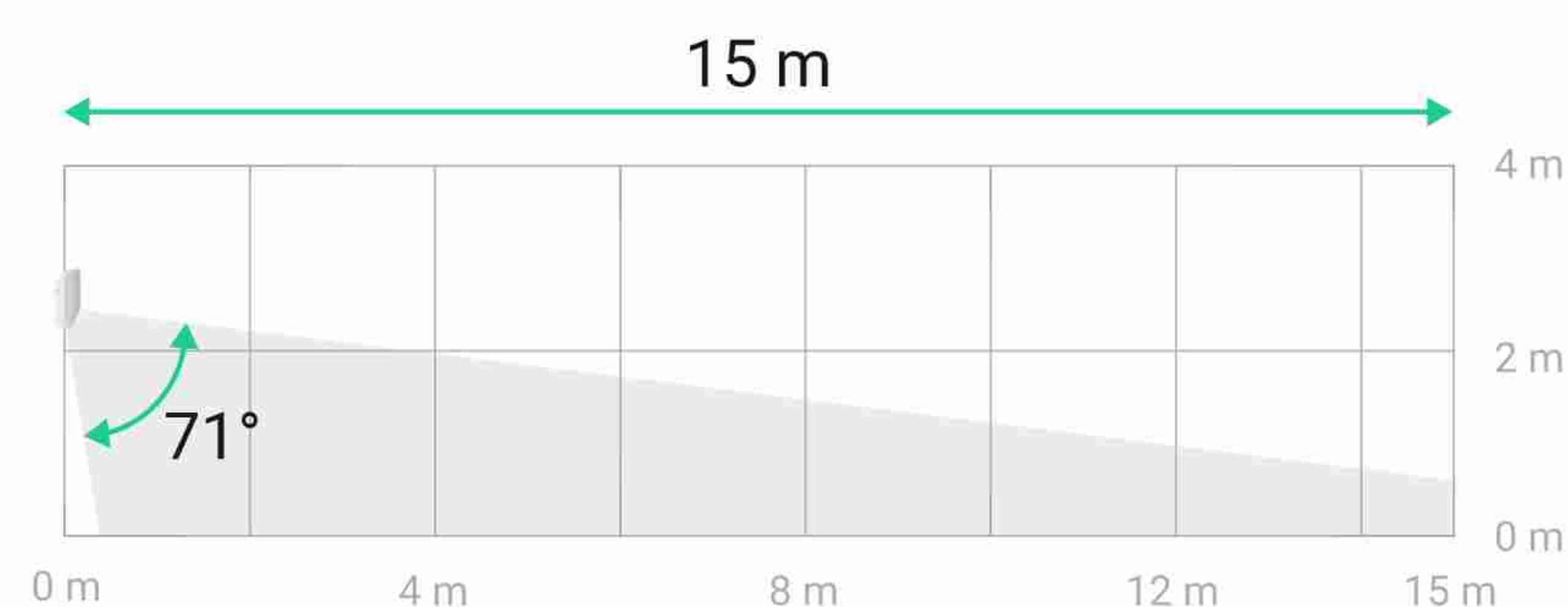
Superior Jeweller and Wings communication technologies

- Up to 3,000 m (9,800 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 four 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

Compliance with standards EN 50131 (Grade 3) PD 6662:2017	Compatibility with hubs and range extenders For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=MPP.G3.J	Communication with a hub or range extender Superior Jeweller communication technology Wings communication technology Frequency bands 865.0–868.0 MHz 868.0–868.6 MHz 868.7–869.2 MHz 869.4–869.65 MHz The device supports these four bands Communication range¹ up to 3,000 m up to 9,800 ft In open space Polling interval 12–300 s Adjusted by a PRO or user with admin rights via Ajax apps Over-the-air firmware updates	Motion detection Sensitive element 1 × PIR sensor 1 × K-band microwave sensor Motion detection distance up to 15 m up to 49 ft When the detector is installed at a height of 2.4 m (7.9 ft) Motion detection angle horizontal: 90° vertical: 71° Motion detection sensitivity 3 levels Adjusted in Ajax apps Masking detection sensitivity 3 levels Adjusted in Ajax apps
Power supply Battery 4 × CR123A (pre-installed) Battery life up to 4 years	Installation Recommended installation height 2.4 m 7.9 ft Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75%	Enclosure Color black, white Dimensions 135 × 66 × 60 mm 5.31" × 2.60" × 2.36" Weight 315 g 11.11 oz Protection class IP30	Complete set Ajax Superior MotionProtect Plus G3 Jeweller SmartBracket mounting panel 4 × CR123A battery (pre-installed) Installation kit Quick start guide

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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