

Ajax Superior MotionCam G3 (PhOD) Jeweller

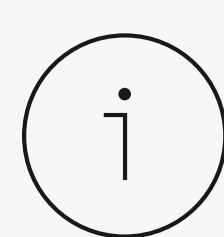
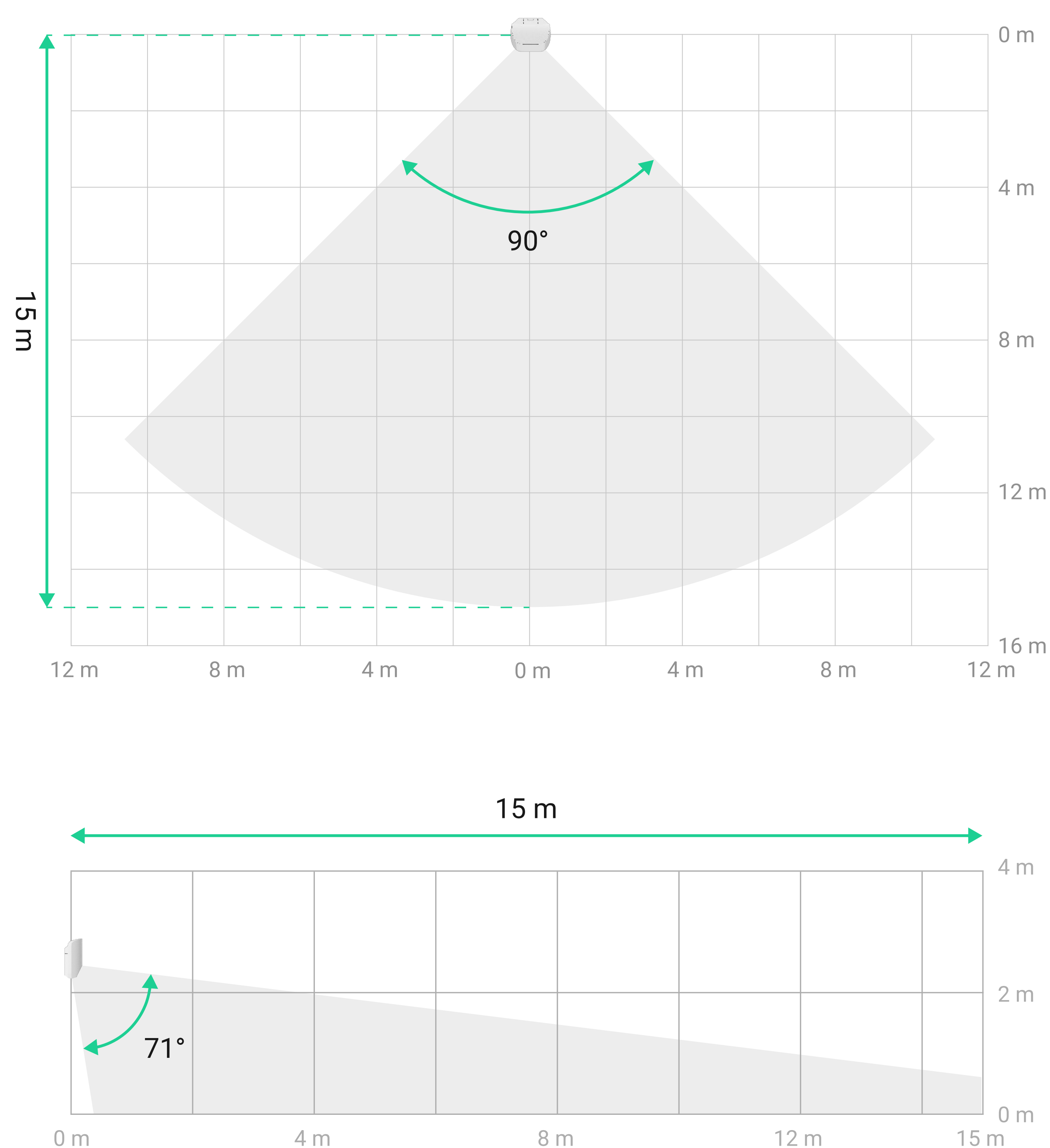
Wireless PIR motion detector with extended photo verification possibilities. Supports HD resolution.

This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.

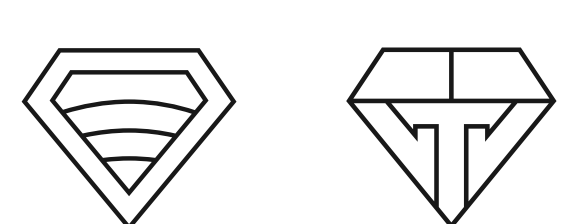


3
GRADE
EN 50131

PD 6662
2017

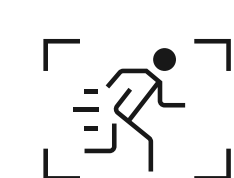


Ajax Superior MotionCam G3 (PhOD) Jeweller does not support the pet immunity feature.



Superior Jeweller and TurboWings communication technologies

- Up to 3,500 m (11,450 ft) of radio communication in open space⁴
- Enhanced encryption throughout data transmission
- Regular polling to display the current device state
- Encrypted graphic data is stored in compliance with GDPR requirements



Motion detection

- Up to 15 m (49 ft) of motion detection distance
- Minimized blind zone: 50 cm (1.64 ft)
- Proprietary optical system with PIR sensor and multifaceted mirror to focus IR radiation
- Detection of any fast or slow movement, including crawling

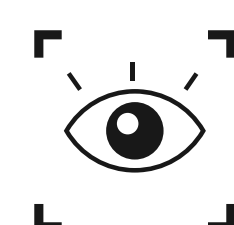
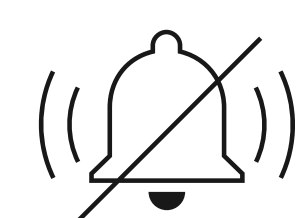


Photo verification

- Photo by alarm, on demand, and by scenarios
- Support for HD photos with up to 864 × 720 resolution¹
- Up to five photos per series²
- First photo delivery³ in 4.5 s
- IR illumination for low-light conditions
- HDR for balanced, high-quality images in challenging lighting



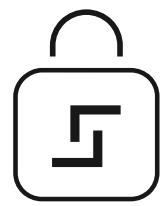
False alarm prevention

- 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 and anti-masking sensors, as well as built-in camera connection
- Early low-battery notifications
- Instant malfunction notifications



Sabotage protection

- Two tamper buttons to prevent device dismantling or detachment
- Locker for fixing the device on the SmartBracket mounting panel
- Communication loss detection within⁵ 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 six years of operation on pre-installed batteries
- 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=MC.G3P.J	Communication with a hub or range extender Superior Jeweller communication technology TurboWings 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 range⁴ up to 3,500 m up to 11,450 ft In open space Polling interval 12–300 s Adjusted by a PRO or user with admin rights via Ajax apps	Photo verification Photo resolution (in pixels) 864 × 720 576 × 480 288 × 240 160 × 128 Adjusted in Ajax apps Photos in a series² from 1 to 5 pics Adjusted in Ajax apps Photo verification types Photo on demand Photo by alarm Photo by schedule Photo by scenario Photo by masking Photo by tamper alarm Photo by arming/disarming HDR feature Support for HD photos	Motion detection Sensitive element 1 × PIR 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 6 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% Protection class IP30, IK04	Enclosure Color white, black Dimensions 66.6 × 64 × 140 mm 2.62" × 2.52" × 5.51" Weight 176 g 6.21 oz	Complete set Ajax Superior MotionCam G3 (PhOD) Jeweller 4 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

¹ The first photo is delivered within 15.5 seconds with TurboWings protocol.

² The number of photos in a series depends on the photo resolution.

³ With TurboWings protocol and photo resolution of 288 × 240 pixels. This is the time of delivery from the detector to the hub. The time of delivery from the hub to the app depends on the hub—server connection and smartphone's internet speed.

⁴ Communication range depends on the hub model.

⁵ If the system is set to operate at a 12-second polling interval and report a connection loss after three undelivered data packets.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-motioncam-g3-phod-jeweller/

 support@ajax.systems

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 ajax.systems