

# Ajax Superior MotionCam G3 (PhOD) Jeweller

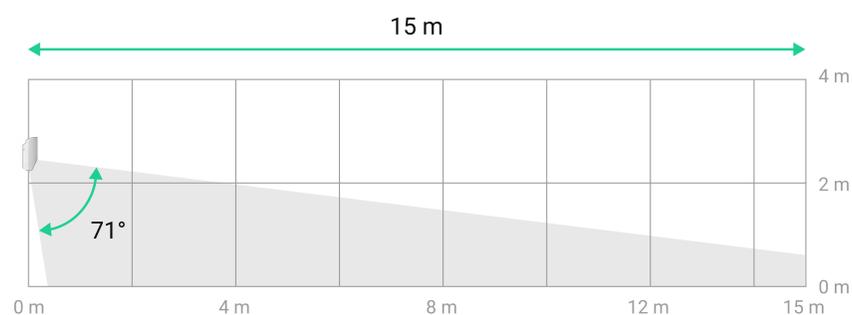
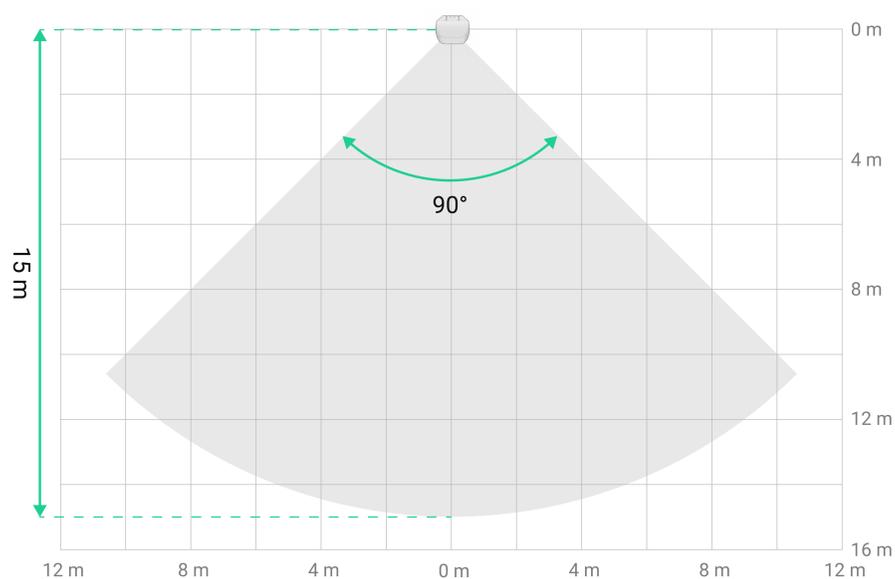
Wireless PIR motion detector with extended photo verification possibilities. Supports HD resolution.

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 space<sup>4</sup>
- 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 resolution<sup>1</sup>
- Up to five photos per series<sup>2</sup>
- First photo delivery<sup>3</sup> 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 within<sup>5</sup> 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

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 3) PD 6662:2017</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=MC.G3P.J">ajax.systems/tools/devices-compatibility/?models=MC.G3P.J</a></p>	<p><b>Communication with a hub or range extender</b></p> <p>Superior Jeweller communication technology</p> <p>TurboWings communication technology</p> <p><b>Frequency bands</b></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><b>Communication range<sup>4</sup></b></p> <p>up to 3,500 m up to 11,450 ft In open space</p> <p><b>Polling interval</b></p> <p>12–300 s</p> <p>Adjusted by a PRO or user with admin rights via Ajax apps</p>	<p><b>Photo verification</b></p> <p><b>Photo resolution (in pixels)</b></p> <p>864 × 720 576 × 480 288 × 240 160 × 128</p> <p>Adjusted in Ajax apps</p> <p><b>Photos in a series<sup>2</sup></b></p> <p>from 1 to 5 pics</p> <p>Adjusted in Ajax apps</p> <p><b>Photo verification types</b></p> <p>Photo on demand Photo by alarm Photo by schedule Photo by scenario Photo by masking Photo by tamper alarm Photo by arming/disarming</p> <p><b>HDR feature</b></p> <p><b>Support for HD photos</b></p>	<p><b>Motion detection</b></p> <p><b>Sensitive element</b></p> <p>1 × PIR sensor</p> <p><b>Motion detection distance</b></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><b>Motion detection angle</b></p> <p>horizontal: 90° vertical: 71°</p> <p><b>Motion detection sensitivity</b></p> <p>3 levels</p> <p>Adjusted in Ajax apps</p> <p><b>Masking detection sensitivity</b></p> <p>3 levels</p> <p>Adjusted in Ajax apps</p>
<p><b>Power supply</b></p> <p><b>Battery</b></p> <p>4 × CR123A (pre-installed)</p> <p><b>Battery life</b></p> <p>up to 6 years</p>	<p><b>Installation</b></p> <p><b>Recommended installation height</b></p> <p>2.4 m 7.9 ft</p> <p><b>Operating temperature range</b></p> <p>from –10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b></p> <p>up to 75%</p> <p><b>Protection class</b></p> <p>IP30, IK04</p>	<p><b>Enclosure</b></p> <p><b>Color</b></p> <p>white, black</p> <p><b>Dimensions</b></p> <p>66.6 × 64 × 140 mm 2.62" × 2.52" × 5.51"</p> <p><b>Weight</b></p> <p>176 g 6.21 oz</p>	<p><b>Complete set</b></p> <p>Ajax Superior MotionCam G3 (PhOD) Jeweller 4 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

<sup>1</sup> The first photo is delivered within 15.5 seconds with TurboWings protocol.

<sup>2</sup> The number of photos in a series depends on the photo resolution.

<sup>3</sup> 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.

<sup>4</sup> Communication range depends on the hub model.

<sup>5</sup> 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/](https://ajax.systems/support/devices/superior-motioncam-g3-phod-jeweller/)

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