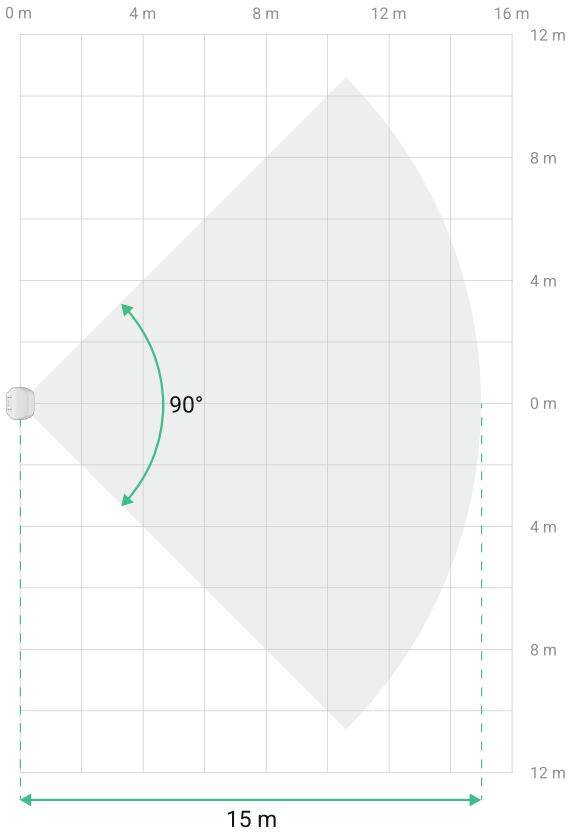
Ajax Superior MotionProtect G3 Jeweller

Wireless PIR motion detector with an anti-masking system

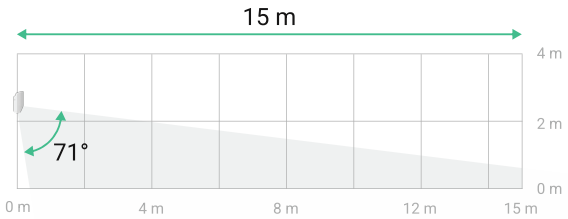


This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.



Motion detection

- 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

- 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

Ajax Superior MotionProtect 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 space[1]
- Enhanced encryption throughout data transmission
- Regular polling to display the current device state
- Over-the-air firmware updates

Advanced system supervision

- Regular self-check of PIR 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 within[2] 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 seven 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
INCERT

Compatibility with hubs and range extenders

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

ajax.systems/tools/devices-compatibility/?models=MP.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 all listed bands

Communication range[1]
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

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 7 years

Installation

Recommended installation height
2.4 m
7.9 ft

Operating temperature
−10 °C to +40 °C
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 of device in black	Weight of device in white
304 g	308 g
10.72 oz	10.86 oz

Protection class
IP30

Complete set

Ajax Superior MotionProtect 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 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-motionprotect-g3-jeweller

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