

Superior MotionCam AM (PhOD) Jeweller

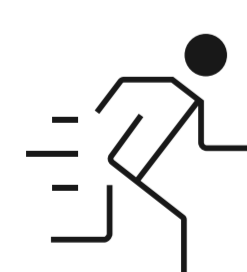
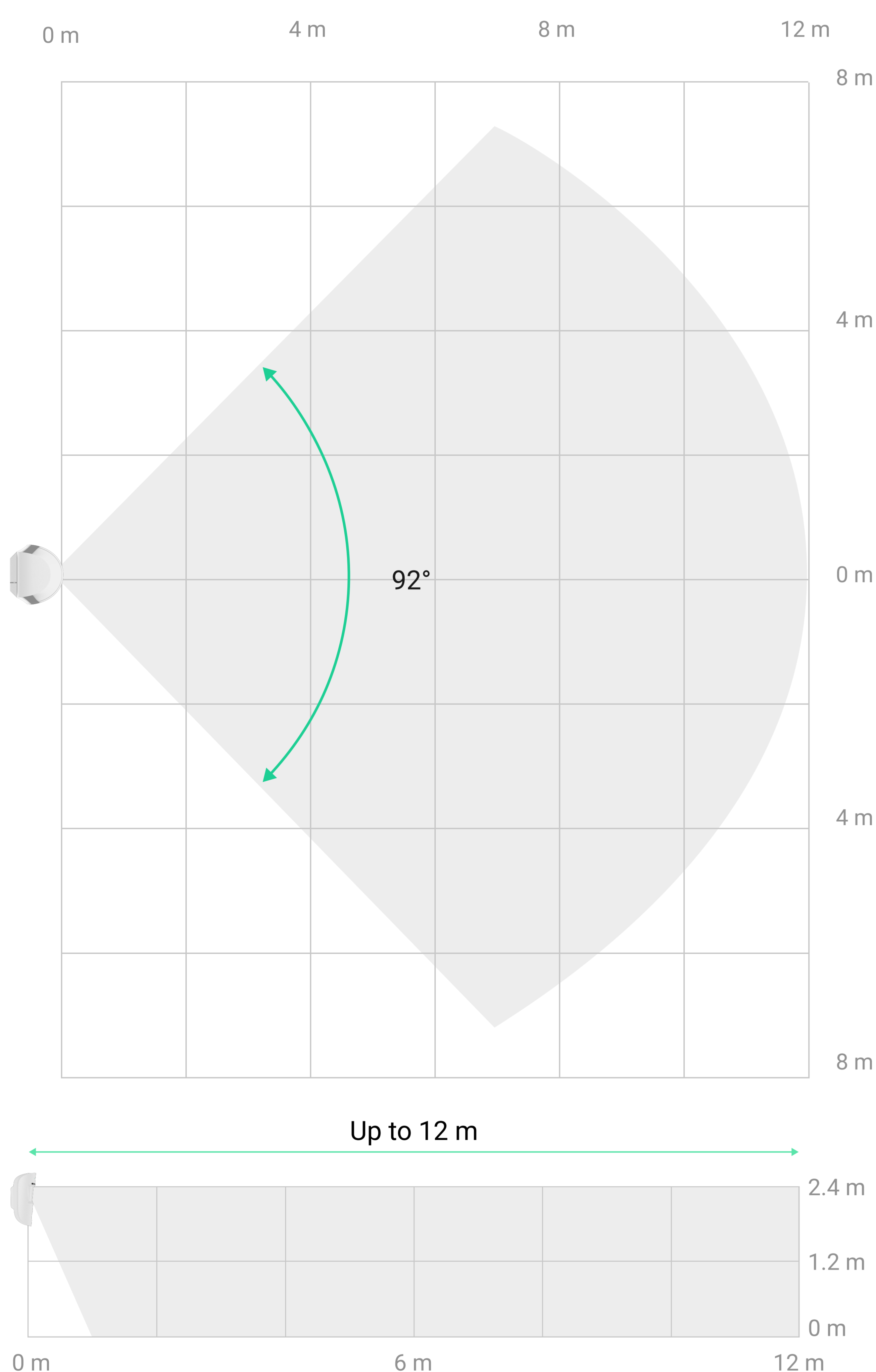
Wireless PIR motion detector with an anti-masking system and extended photo verification possibilities. Supports HD resolution.

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



2
GRADE
EN 50131

PD 6662
2017



Motion detection

- Motion detection distance of up to 12 m (39 ft)
- Horizontal motion detection angle: 92°
- Temperature compensation for motion detection at any operating temperature
- Reduced blind zone¹ under the detector of up to 80 cm (2.6 ft), consistent across all sensitivity levels
- Crawling person detection²

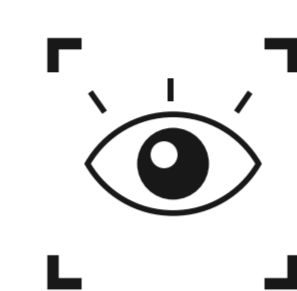
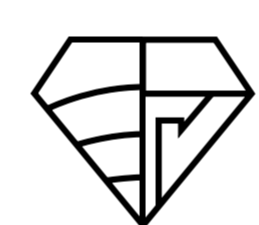


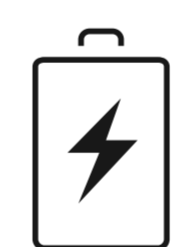
Photo verification

- Support for HD photos with up to 960 × 720 pixels resolution³
- From 1 up to 5 photos in a series⁴
- First photo delivery⁵ in 4.5 s
- Photo on demand, by alarm, by masking, by tamper alarm, by scenario, by arming/disarming and by schedule
- IR illumination for low-light conditions
- HDR for equalizing lighting to enhance image quality



Jeweller and TurboWings communication technologies

- Up to 1,700 m (5,600 ft) of radio communication⁶
- Data is encrypted throughout the transmission process
- Regular polling to display current device states
- Frequency hopping to prevent radio interference and jamming



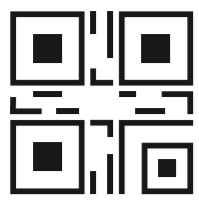
Flawless autonomy

- Up to 4 years of operation with Photo on demand disabled and up to 3 years when the feature is enabled
- Low battery notifications
- Enhanced pre-installed batteries



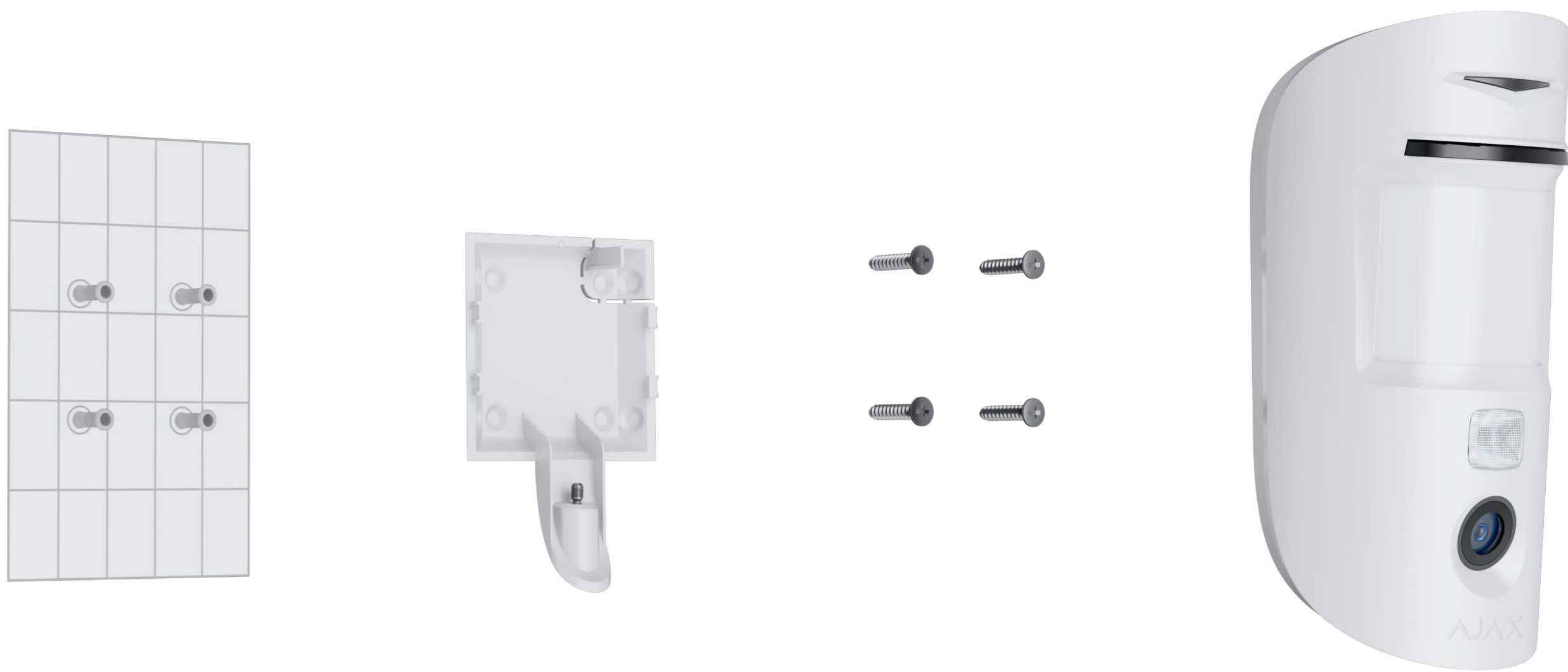
Sabotage resistance

- Masking detection: obstacle in front of the lens; paint over the lens; opaque material covering the front part of the detector
- Three sensitivity levels of masking detection to adapt to any conditions at the site
- Tamper alarm and holding screw
- Device authentication to prevent spoofing




Quick installation and configuration

- Pairing with a hub via the QR code
- Remote control and configuration in mobile and desktop apps
- Installation and replacement without opening the enclosure



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

<div>Compliance with standards</div> <div>EN 50131 (Grade 2) PD 6662:2017</div> <div>Compatibility with hubs and range extenders</div> <div></div> <div>For detailed information, scan the QR code or follow the link:</div> <div>ajax.systems/tools/devices-compatibility/?models=MC.SAMP.J</div>	<div>Communication with a hub or range extender</div> <div>Jeweller and TurboWings communication technologies</div> <div>Frequency bands 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region</div> <div>Communication range up to 1,700 m up to 5,600 ft In an open space</div> <div>Protection against spoofing Device authentication</div>	<div>Photo verification</div> <div>Photo resolution (in pixels) 960 × 720 640 × 480 320 × 240 160 × 120 Adjusted in Ajax apps</div> <div>Photos in a series from 1 to 5 pics⁴ Adjusted in Ajax apps</div> <div>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</div> <div>HDR feature</div> <div>Support for HD photos³</div>	<div>Motion detection</div> <div>Sensitive element 1 × PIR sensor</div> <div>Motion detection distance up to 12 m up to 39 ft When the detector is installed at a height of 2.4 m (7.9 ft)</div> <div>Motion detection angle horizontal: 92°</div> <div>Motion detection sensitivity 3 levels Adjusted in Ajax apps</div> <div>Masking detection sensitivity 3 levels Adjusted in Ajax apps</div>
<div>Power supply</div> <div>Battery 2 × CR123A (pre-installed)</div> <div>Battery life up to 4 years With the Photo on demand feature disabled</div> <div>up to 3 years With the Photo on demand feature enabled</div>	<div>Installation</div> <div>Recommended installation height 2.4 m 7.9 ft</div> <div>Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F</div> <div>Operating humidity up to 75%</div> <div>Protection class IP50</div>	<div>Enclosure</div> <div>Color white</div> <div>Dimensions 134 × 70 × 59 mm 5.28" × 2.74" × 2.33"</div> <div>Weight 176 g 6.21 oz</div>	<div>Complete set</div> <div>Superior MotionCam AM (PhOD) Jeweller</div> <div>2 × CR123A battery (pre-installed)</div> <div>SmartBracket mounting panel</div> <div>Installation kit</div> <div>Quick start guide</div>

¹ Superior MotionCam AM (PhOD) Jeweller detects a person standing at a distance of 80 cm (2.6 ft) from the device when the detector is properly installed at a height of 2.4 m (7.9 ft). Testing was conducted with a person 175 cm (5.7 ft) tall.

² Superior MotionCam AM (PhOD) Jeweller detects a person crawling at a distance of 2 m (6.6 ft) from the device when the detector is properly installed at a height of 2.4 m (7.9 ft).

³ First photo delivery in 15.5 seconds with TurboWings protocol.

⁴ The number of photos in a series depends on the selected photo resolution.

⁵ With TurboWings protocol and photo resolution of 320x240 pixels. This is the time of delivery from the detector to the hub. Delivery time to the apps depends on the hub-server connection and smartphone's internet speed.

⁶ In an open space.



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

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- 📧 @AjaxSystemsSupport_Bot
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