

Baseline product line

MotionCam Jeweller

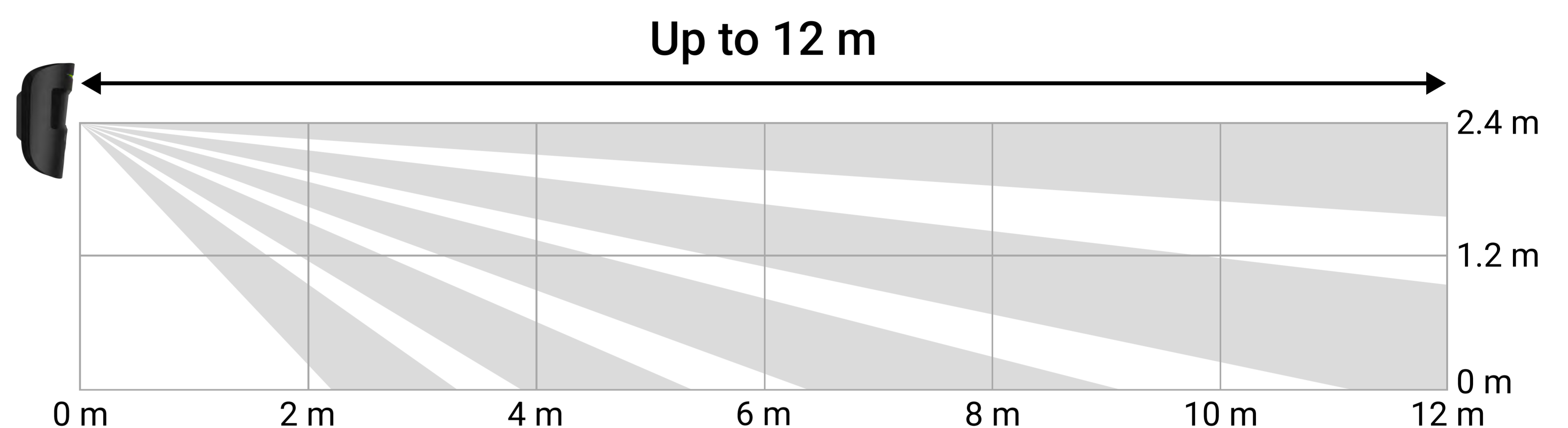
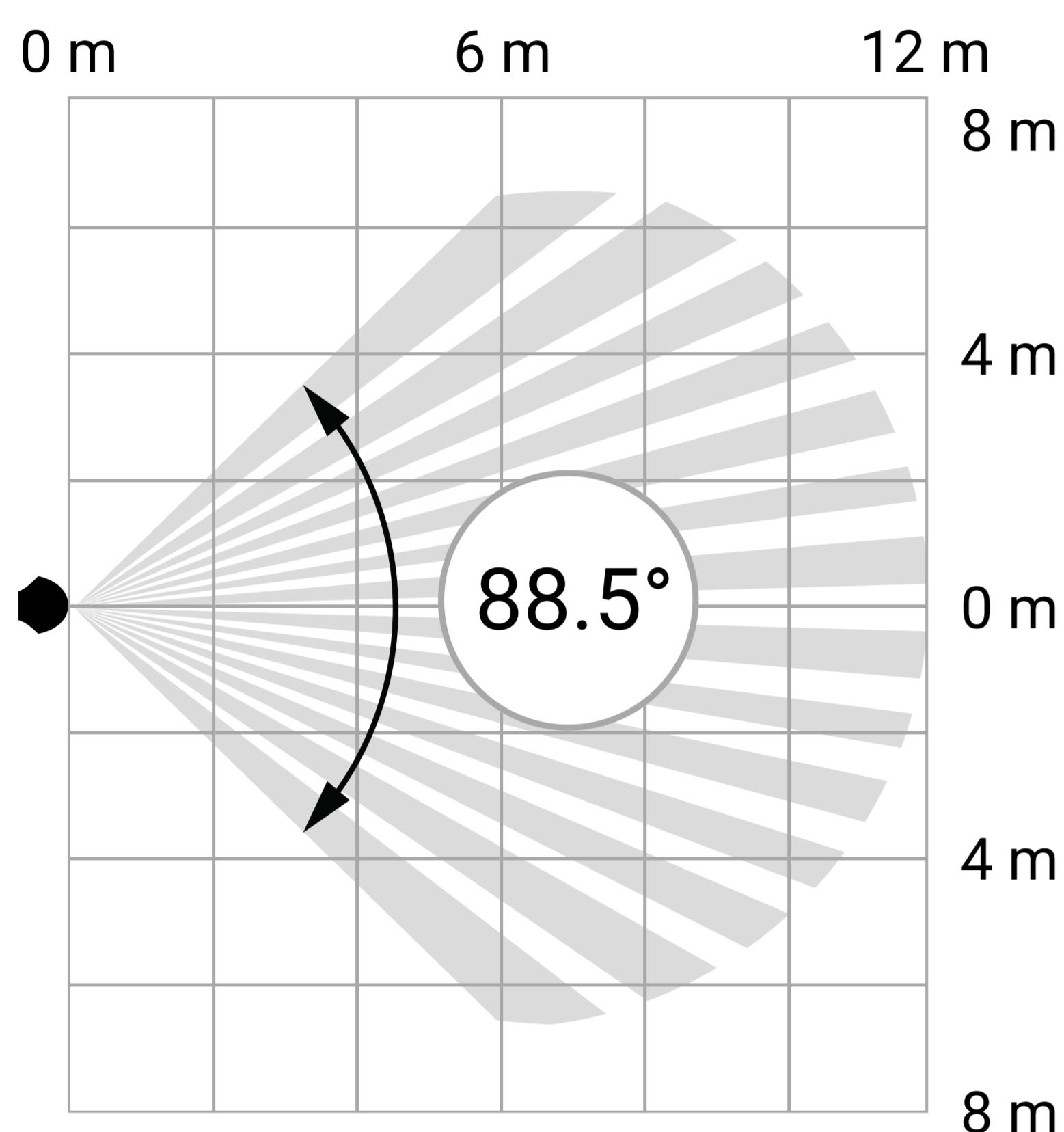
Wireless IR motion detector supporting the photo by alarm feature



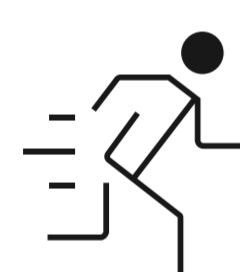
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GRADE
EN 50131

PD 6662
2017

UL®
LISTED

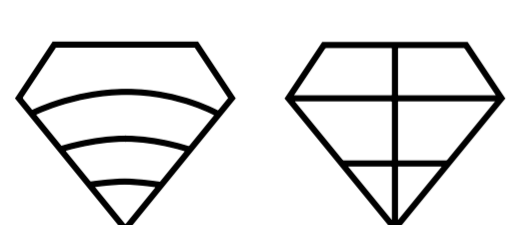


The MotionCam series includes detectors with **Photo on Demand**, **Photo by Schedule**, and **Photo by Scenario** features. These devices have the “PhOD” mark in the product name.



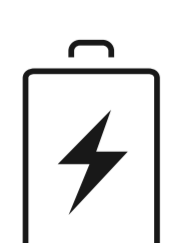
Motion detection

- Motion detection distance of up to 12 m
- Horizontal motion detection angle: 88.5°
- Temperature compensation for motion detection at any operating temperature



Jeweller and Wings communication technologies

- Up to 1,700 m of radio communication in an open space
- Data is encrypted throughout the transmission process
- Regular polling to display current device statuses
- Frequency hopping to prevent radio interference and jamming



Flawless autonomy

- Up to 4 years of operation from pre-installed batteries
- Low battery notifications

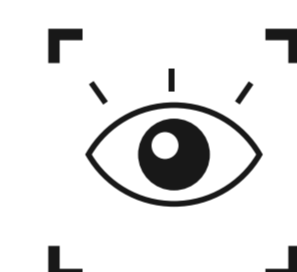


Photo verification

- Up to 640 × 480 pixels photo resolution
- From 1 up to 5 photos in a series
- The first photo delivery in 9 s
- IR backlight for low-light conditions



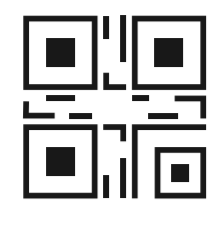
False alarms prevention

- Three sensitivity levels: selectable in the app
- SmartDetect algorithm to prevent false alarms
- Pet immunity: pets with a height of up to 50 cm and a weight of up to 20 kg



Sabotage protection

- Tamper alarm
- 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



Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

<p>Compliance with standards</p> <p>EN 50131-2-6 (Grade 2) PD 6662:2017 UL (UL369, ULC S306)</p> <p>Compatibility</p> <p>Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders ReX 2 Jeweller</p>	<p>Communication with a hub</p> <p>Jeweller and Wings communication technologies</p> <p>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</p> <p>Communication range up to 1,700 m In an open space</p> <p>Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Protection against spoofing Device authentication</p>	<p>Photo verification</p> <p>Photo resolution in pixels 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Photos in a series from 1 to 5 pics Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Photo delivery time up to 7 s – 160 × 120 pixels resolution up to 9 s – 320 × 240 pixels resolution up to 20 s – 640 × 480 pixels resolution</p>	<p>Motion detection</p> <p>Sensitive element PIR sensor</p> <p>Motion detection distance up to 12 m¹</p> <p>Motion detection angle horizontal – 88.5°</p> <p>Motion detection speed from 0.3 to 2.0 m/s The direction of the detector lens should be perpendicular to an alleged intrusion path into the facility.</p> <p>Temperature compensation</p> <p>IR backlight</p> <p>Sensitivity 3 levels Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Pet immunity weight: up to 20 kg height: up to 50 cm</p>
<p>Power supply</p> <p>Battery 2 × CR123A (pre-installed)</p> <p>Battery life up to 4 years</p>	<p>Installation</p> <p>Recommended installation height 2.4 m</p> <p>Operating temperature range from –10 °C to +40 °C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 110 × 65 × 50 mm</p> <p>Weight 86 g</p>	<p>Complete set</p> <p>MotionCam Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

¹ With proper installation and configuration.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/motioncam/

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems