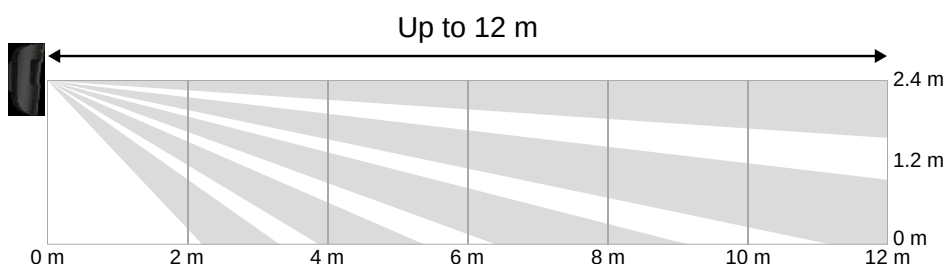
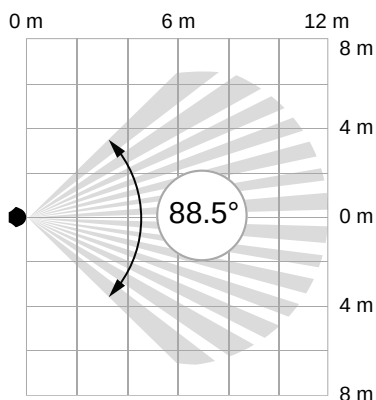


Baseline product line

# MotionCam Jeweller

Wireless IR motion detector supporting the photo by alarm feature



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

Horizontal motion detection angle: 88.5

Temperature compensation for motion detection at any operating temperature

## 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

## 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 status

Frequency hopping to prevent radio interference and jamming

## False alarms prevention

Three sensitivity levels: selectable in the app  
SmartDetect algorithm to prevent false alarm

Pet immunity: pets with a height of up to 50 cm and a weight of up to 20 kg

## Flawless autonomy

Up to 4 years of operation from pre-installed battery

Low battery notifications

## Sabotage protection

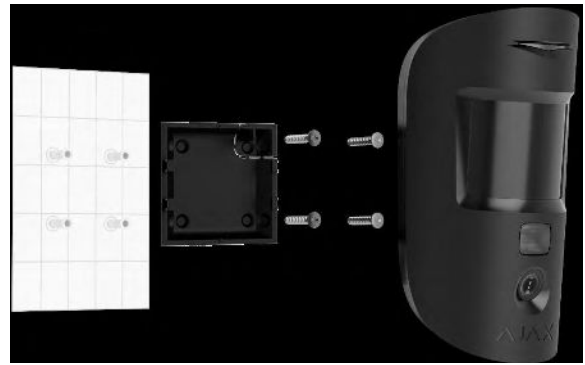
Tamper alarm

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><b>Compliance with standards</b> EN 50131-2-6 (Grade 2) PD 6662:2017 UL (UL369, ULC S306)</p> <p><b>Compatibility</b> Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G) Range extenders ReX 2 Jeweller</p>	<p><b>Communication with a hub</b> 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><b>Photo verification</b> 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><b>Motion detection</b> Sensitive element PIR sensor</p> <p>Motion detection distance up to 12 m<sup>1</sup></p> <p>Motion detection angle horizontal — 88.5°</p> <p>Motion detection speed from 0.3 to 2.0 m/s</p> <p>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><b>Power supply</b> Battery 2 × CR123A (pre-installed) Battery life up to 4 years</p>	<p><b>Installation</b> 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><b>Enclosure</b> Color white, black</p> <p>Dimensions 110 × 65 × 50 mm</p> <p>Weight 86 g</p>	<p><b>Complete set</b> MotionCam Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

<sup>1</sup>With proper installation and configuration.



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/t/devices/motioncam/](https://ajax.systems/support/t/devices/motioncam/)

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 +34 624 60 34 38  
 [activealarms.es](https://activealarms.es)