



Superior product line

# MotionCam S (PhOD) Jeweller

Wireless IR motion detector supporting **photo by alarm**, **photo on demand**, **photo by schedule**, and **photo by scenario** features. Superior edition.



- 2 GRADE EN 50131
- PD 6662 2017
- INCERT
- SSF
- NFA2P

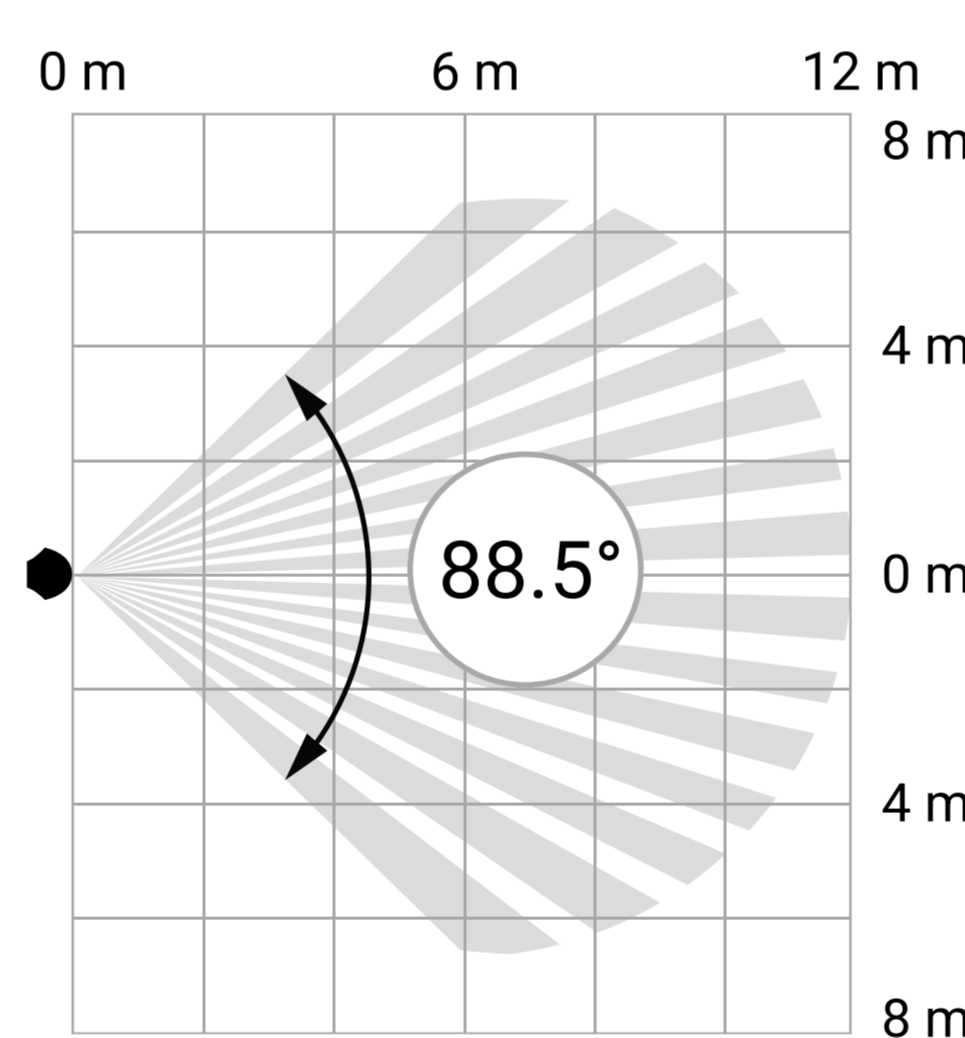
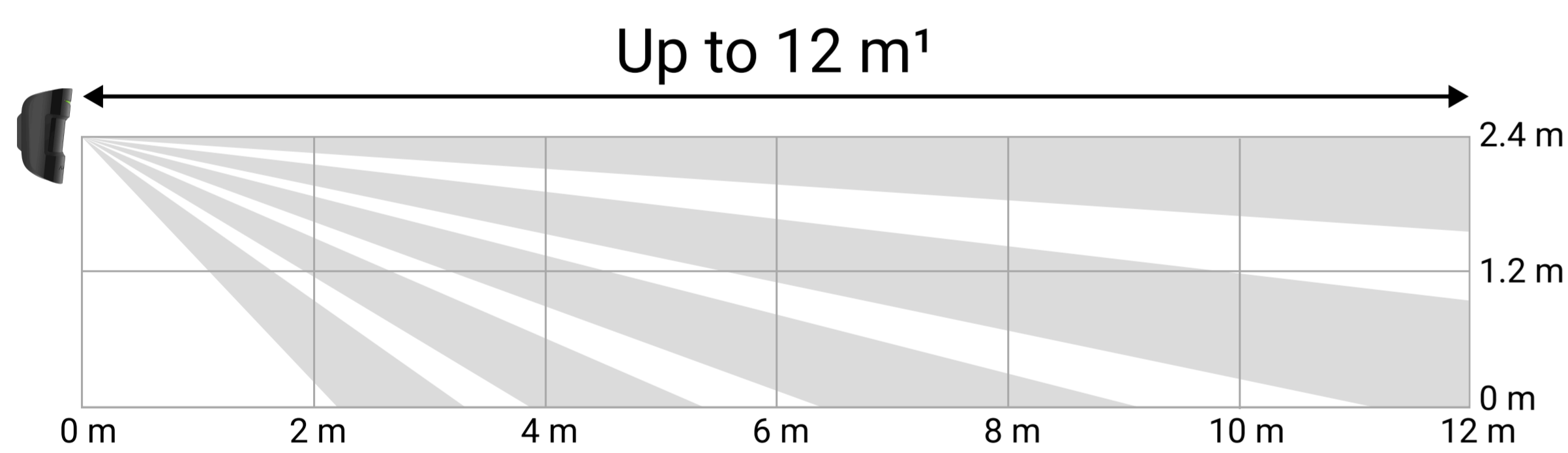
## What's new

Baseline <b>MotionCam (PhOD) Jeweller</b>	Superior <b>MotionCam S (PhOD) Jeweller</b>
SmartBracket mounting panel without holding screw	<b>SmartBracket mounting panel with holding screw</b>
Common battery	<b>Enhanced battery</b>
Available for all PROs	<b>Available only for accredited partners</b>

This is the device of the **Superior product line**. Superior products are advanced versions of the Jeweller devices. This product line is developed for projects. Only accredited Ajax Systems partners can sell, install, and administer Superior products.

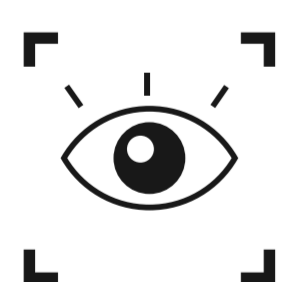


## Motion detection



1 – according to INCERT certification, detection range is up to 10 m (high sensitivity).

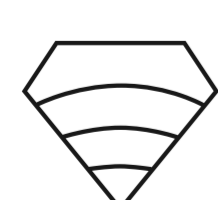
- SmartDetect algorithm to prevent false alarms
- Temperature compensation
- Pet immunity



## Photo verification

The detector has a built-in camera to request and view photos via Ajax apps. There are four types of photo verification: by alarm, by scenario, by schedule, and on demand.

- Up to 640 × 480 pixels photo resolution
- Up to 5 photos in a series
- IR backlight for low light conditions



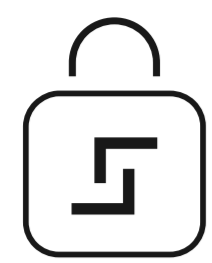
## Jeweller communication technology

- 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



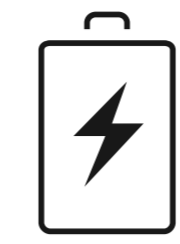
## Wings communication technology

- Up to 1,700 m of radio communication in an open space
- Unique uploading algorithm and data delivery confirmation
- Data backup and resending if the transmission is interrupted



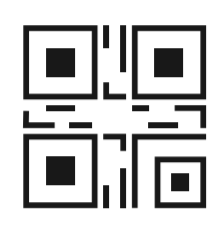
## Sabotage resistance

- Tamper alarm
- Device authentication to prevent spoofing
- Jamming detection
- Holding screw to secure the device on SmartBracket



## Flawless autonomy

- Up to 5 years of battery life
- Low battery notifications
- Panasonic pre-installed battery



## Quick installation and start-up

- Pairing with a hub via QR code
- Remote control and configuration in the app
- Effortless installation and replacement

<p><b>Compliance with standards</b></p> <p>EN 50131-2-2 (Grade 2) PD 6662:2017 INCERT SSF NFA2P</p> <p><b>Compatibility</b></p> <p><b>Hubs</b> Hub 2 (2G), Hub 2 (4G), Hub 2 Plus, Hub Hybrid (2G), Hub Hybrid (4G)</p> <p><b>Range extenders</b> ReX 2</p>	<p><b>Communication with control panel</b></p> <p><b>Jeweller + Wings communication technologies</b></p> <p><b>Frequency bands</b> 868,0 – 868,6 MHz</p> <p><b>Communication range</b> up to 1,700 m In an open space</p>	<p><b>Motion detection</b></p> <p><b>Sensitive element</b> 1 × PIR sensor</p> <p><b>Detection distance</b> up to 12 m<sup>1</sup></p> <p><b>Detection angle</b> horizontal – 88.5°</p> <p><b>Pet immunity</b> weight: up to 20 kg height: up to 50 cm</p>	<p><b>Photo verification</b></p> <p><b>Photo resolution in pixels</b> 640 × 480 320 × 240 (default) 160 × 120 Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Photos in a series</b> from 1 to 5 pics Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>IR backlight</b></p>
<p><b>Power supply</b></p> <p><b>Batteries</b> 2 × CR123A</p> <p><b>Battery life</b> up to 5 years</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from -10 °C to +40 °C</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP50</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 135 × 70 × 60 mm</p> <p><b>Weight</b> 167 g</p>	<p><b>Complete set</b></p> <p>MotionCam S (PhOD) Jeweller 2 x CR123A (pre-installed) SmartBracket with holding screw Installation kit Quick start guide</p>

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

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport\_Bot
- 🌐 ajax.systems