



Superior product line

# MotionCam S (PhOD) Jeweller

Wireless indoor motion detector supporting photo verification of alarms, **Photo on Demand** and **Photo by Scenario** functions.



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

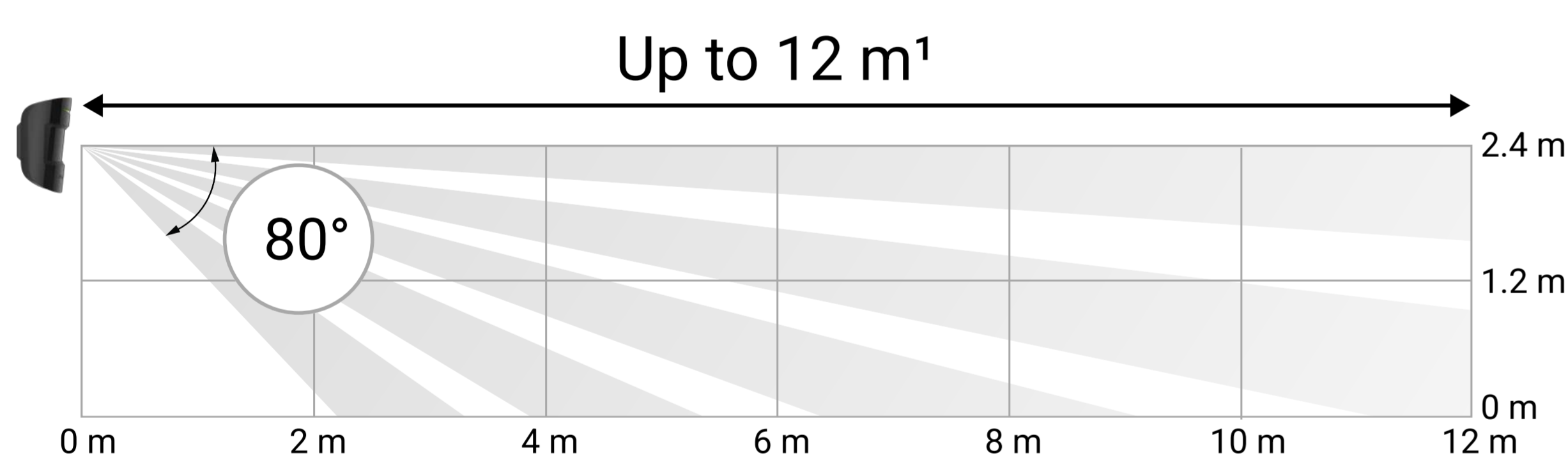
## What's new

Baseline <b>MotionCam (PhOD) Jeweller</b>	Superior <b>MotionCam (PhOD) S 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>

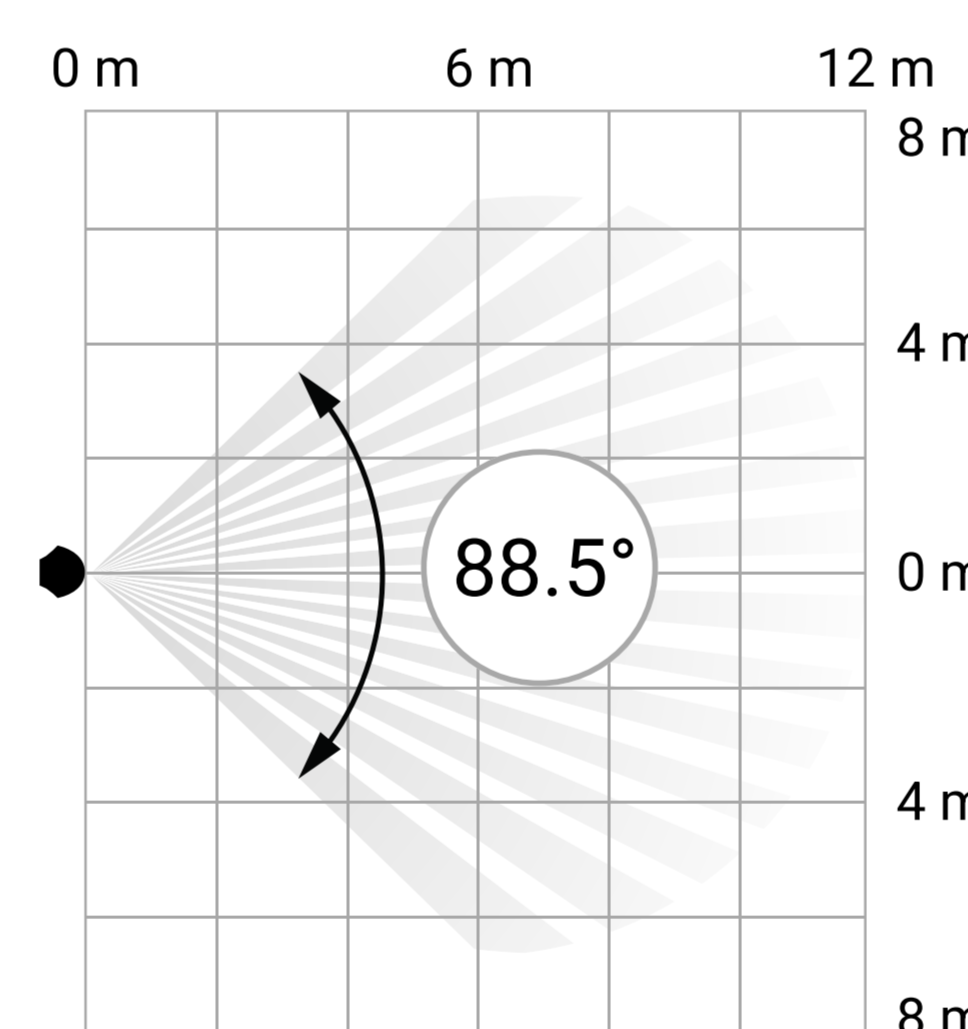
This is the device of the **Superior product line**. Superior products are advanced versions of the Jeweller devices. This product line is developed for projects. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



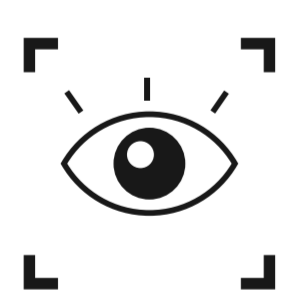
## Motion detection



1 — according to INCERT certification, detection range is up to 10 m



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



## Photo verification

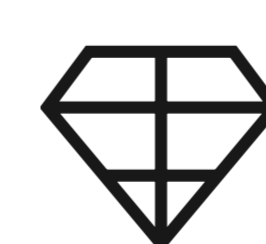
The detector has a built-in camera to request and view photos via Ajax apps. There are three types of photo verification: by alarm, by scenario, and on demand.

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



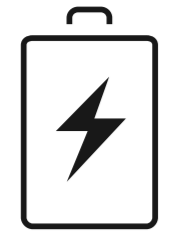
## Jeweller communication technology

- Up to 1,200 m of radio communication in an open space
- Encryption and device authentication to prevent spoofing
- Regular polling to display current devices' status



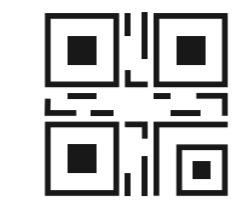
## Wings communication technology

- Up to 1,200 m of radio communication in an open space
- Unique uploading algorithm and data delivery confirmation
- Data backup and resending if the transmission is interrupted



## Flawless autonomy

- Up to 5 years of battery life
- Notifications on low battery
- 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>Intended certifications</b></p> <p>EN 50131 (Grade 2) PD 6662:2017 INCERT NFA2P SSF</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>Jeweller + Wings communication technologies</p> <p><b>Frequency bands</b> 868,0 – 868,6 MHz</p> <p><b>Communication range</b> up to 1,200 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 angles</b> horizontal – 88.5° vertical – 80°</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>Battery</b> 1 × CR123A</p> <p><b>Battery life</b> up to 5 years</p> <p><b>Manufacturer</b> Panasonic</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>Colour</b> white, black</p> <p><b>Dimensions</b> 110 × 65 × 50 mm</p> <p><b>Weight</b> 167 g</p>	<p><b>Complete set</b></p> <p>MotionCam S (PhOD) Jeweller 1 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