



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

IN PROGRESS

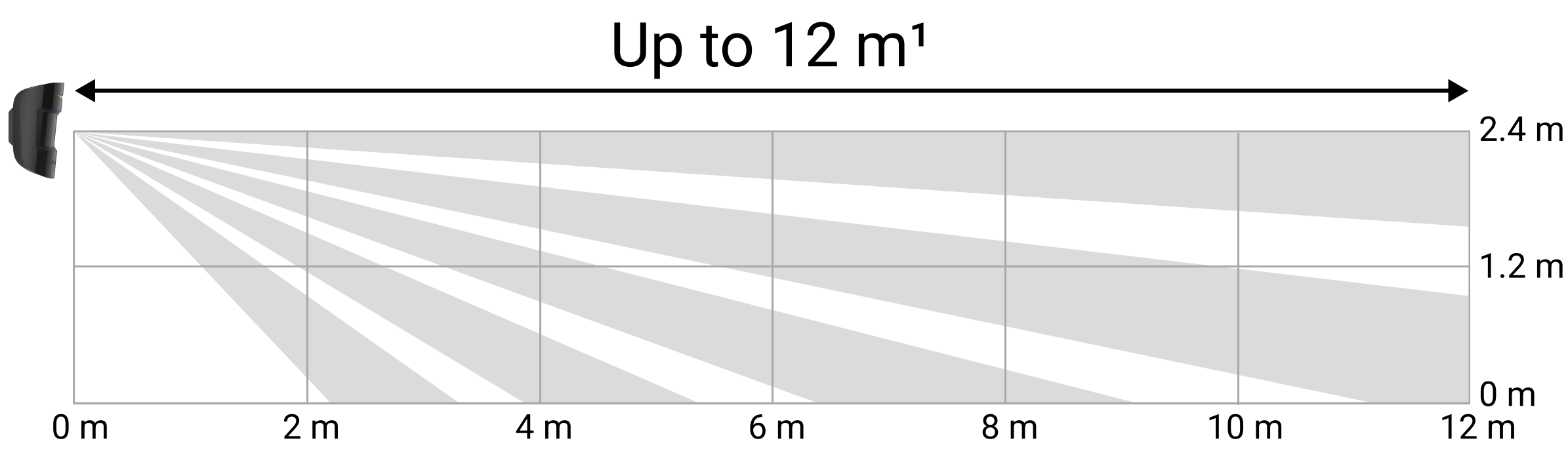
What’s new

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

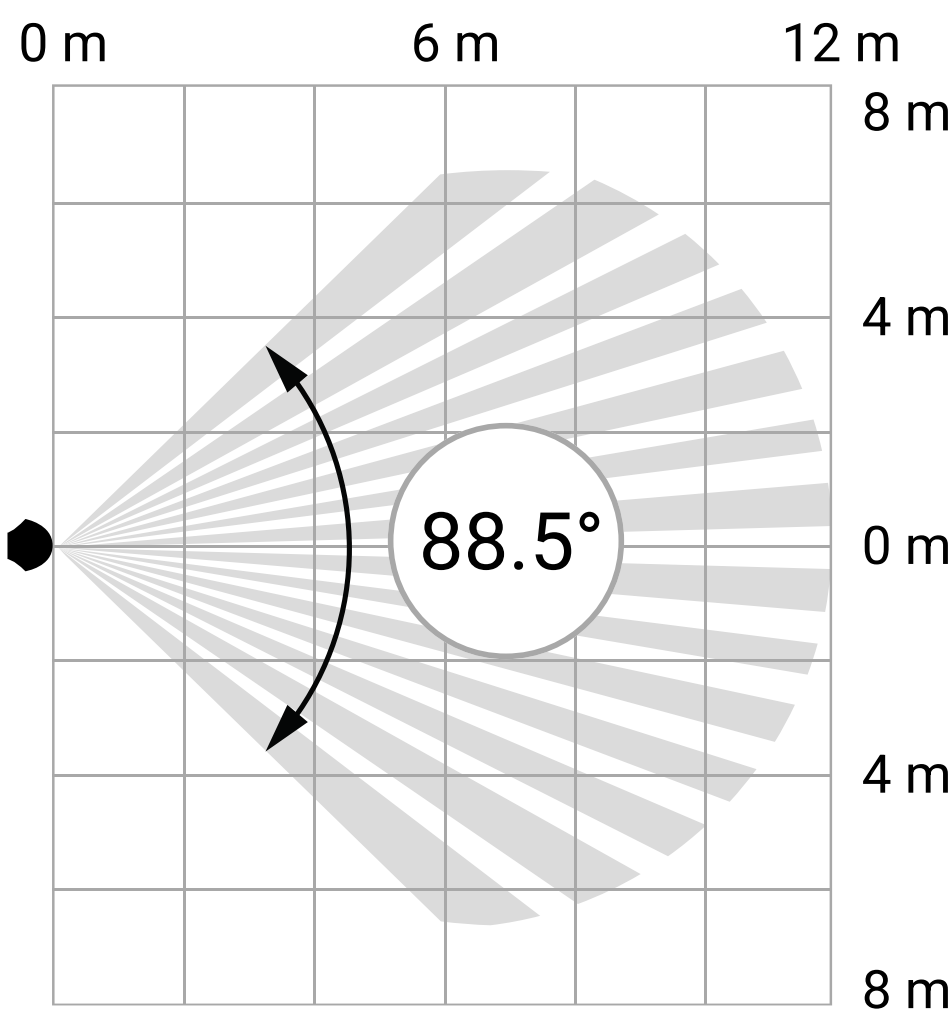
This is the device of the **Superior product line**. Superior products are advanced versions of the Jeweller devices. This product line is developed for projects. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



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

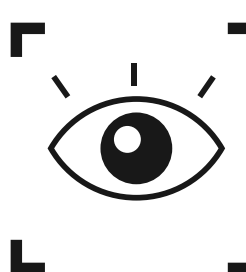
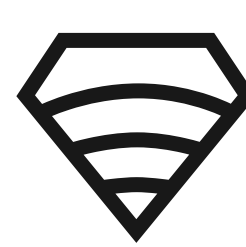


Photo verification

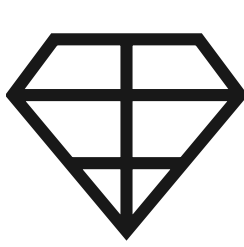
The detector has a built-in camera to request and view photos via Ajax apps. There are four types of photo verification: by alarm, by scenario, by schedule, and on demand.

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



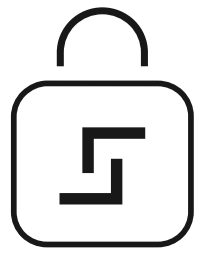
Jeweller communication technology

- 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



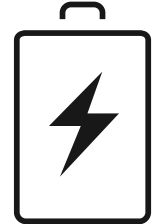
Wings communication technology

- 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



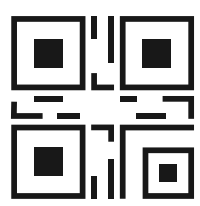
Sabotage resistance

- 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

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

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

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



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



support@ajax.systems



@AjaxSystemsSupport_Bot



ajax.systems