

Superior MotionCam (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities

This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



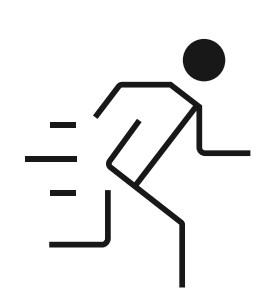
2
GRADE
EN 50131

PD 6662
2017

INCERT

SSF

NFA2P



Motion detection

- Up to 12 m (39 ft) of motion detection distance¹
- SmartDetect algorithm to prevent false alarms
- Temperature compensation
- Pet immunity²

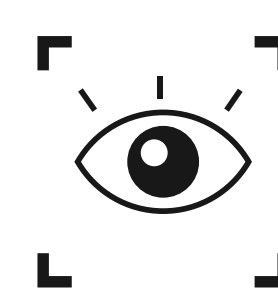
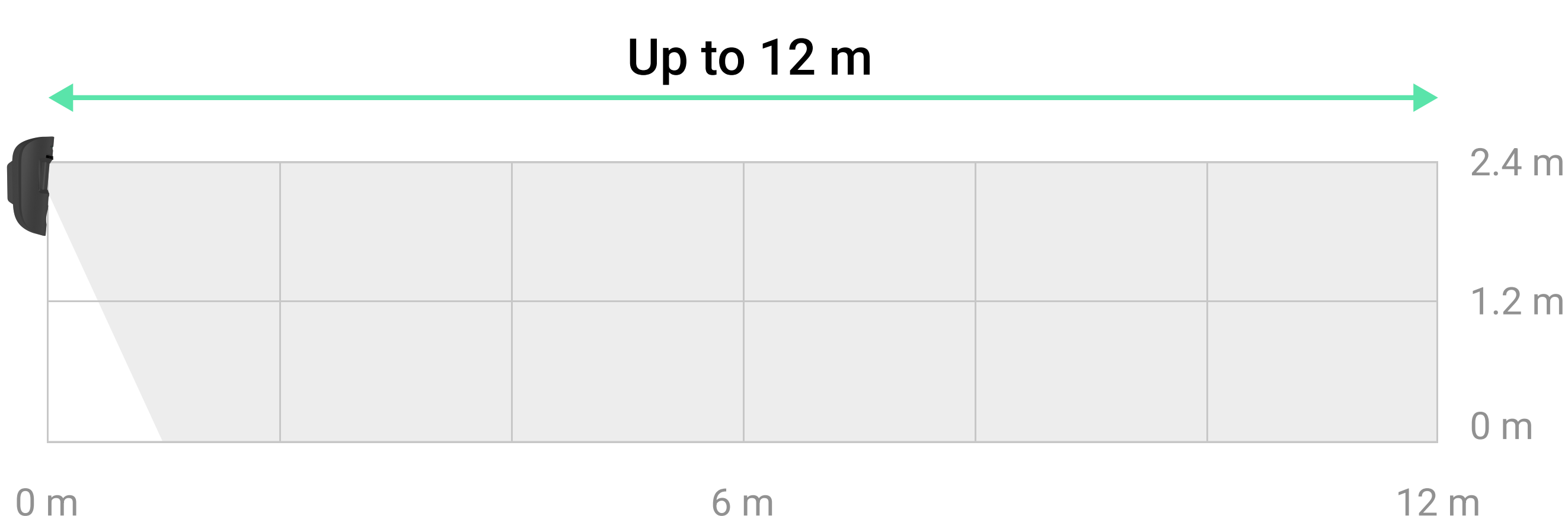
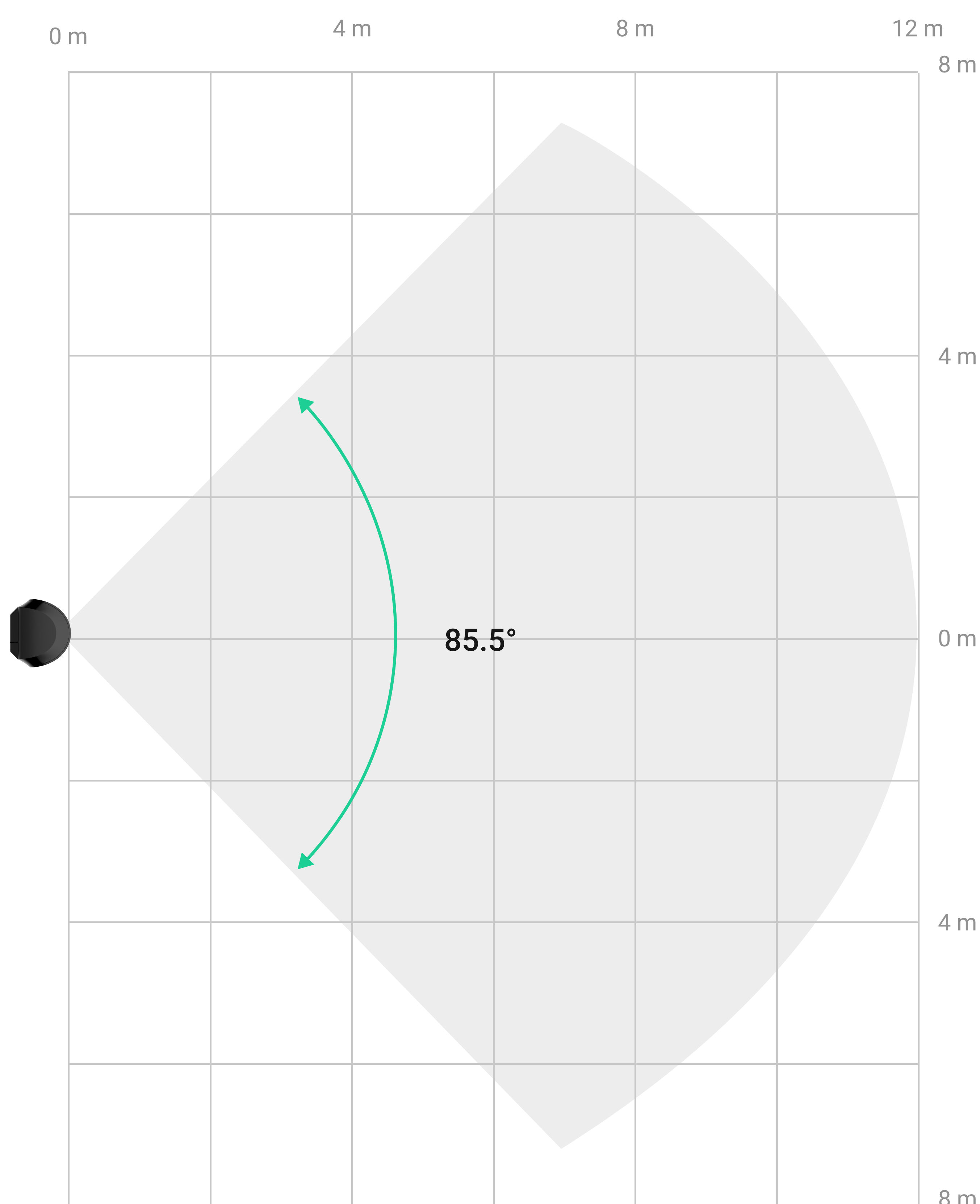
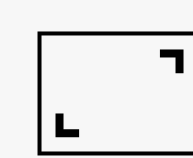


Photo verification

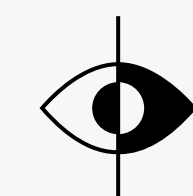
The detector has a built-in camera to quickly assess the situation at the protected facility. Five types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.



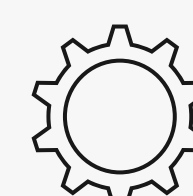
Up to 640 × 480 px photo resolution



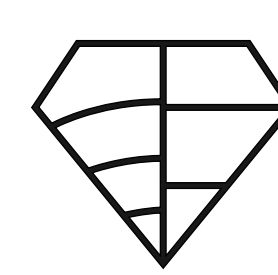
Up to 5 photos in a series



IR illumination for low-light conditions



Precise configuration of access rights to visual data in an Ajax app



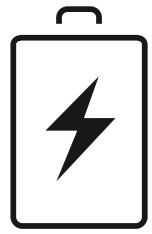
Jeweller and Wings radio communication

- Communication range of up to 1,700 m (5,550 ft) in an open space
- Data encryption throughout the transmission process
- Regular polling to display the current device state in Ajax apps
- Data backup and resending if the transmission is interrupted



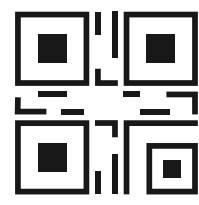
Sabotage protection

- Tamper alarm to notify of attempts to dismantle the device
- Device authentication to prevent spoofing
- Frequency hopping to prevent radio interference and jamming
- Holding screw to secure the device on SmartBracket




Flawless autonomy

- Up to 4 years of operation on pre-installed batteries
- Low-battery notifications
- High-quality batteries from proven manufacturers
- Minimal impact of threshold temperatures on battery life



Quick installation and setup

- Pairing with a hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Effortless installation and maintenance without the need to disassemble the enclosure

<div>Compliance with standards</div> <div>EN 50131-2-2 (Grade 2) PD 6662:2017 INCERT SSF NFA2P</div> <div>Compatibility</div> <div>For detailed information, scan the QR code or follow the link:</div> <div></div> <div>ajax.systems/tools/devices-compatibility/?models=MC.SP.J</div>	<div>Communication with a hub or range extender</div> <div>Jeweller and Wings communication technologies</div> <div>Frequency bands 868.0–868.6 MHz</div> <div>Communication range up to 1,700 m up to 5,600 ft In an open space</div> <div>Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in an Ajax app</div>	<div>Motion detection</div> <div>Sensitive element 1 × PIR sensor</div> <div>Motion detection distance¹ up to 12 m up to 39 ft When the detector is installed at a height of 2.4 m (8 ft)</div> <div>Motion detection angle horizontal — 88.5°</div> <div>Pet immunity² weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)</div> <div>Temperature compensation</div>	<div>Photo verification</div> <div>Photo resolution (in pixels) 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or a user with admin rights in an Ajax app</div> <div>Photos in a series from 1 to 5 pics Adjusted by a PRO or a user with admin rights in an Ajax app</div> <div>First photo delivery time up to 7 s for 160 × 120 px up to 9 s for 320 × 240 px up to 20 s for 640 × 480 px</div> <div>IR illumination</div>
<div>Power supply</div> <div>Battery 2 × CR123A (pre-installed)</div> <div>Battery life up to 4 years With the Photo on demand feature disabled</div> <div>up to 3 years With the Photo on demand feature enabled</div>	<div>Installation</div> <div>Installation height 2.4 m 8 ft</div> <div>Operating temperature range from −10 °C to +40 °C from 14 °F to 104 °F</div> <div>Operating humidity up to 75%</div> <div>Protection class IP50, IK04</div>	<div>Enclosure</div> <div>Color white, black</div> <div>Dimensions 135 × 70 × 60 mm 5.31" × 2.75" × 2.60"</div> <div>Weight of the white device 165 g 5.82 oz</div> <div>Weight of the black device 149 g 5.26 oz</div>	<div>Complete set</div> <div>Superior MotionCam (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket with a holding screw Installation kit Quick start guide</div>

¹ Up to 10 m (32.8 ft) according to INCERT (with high sensitivity level).

² When the detector is properly installed and configured.



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



support@ajax.systems



@AjaxSystemsSupport_Bot



ajax.systems