

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

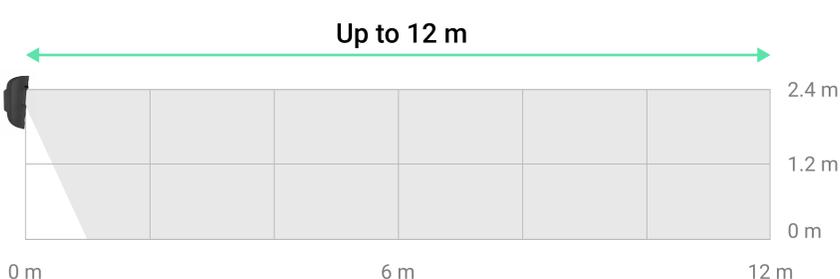
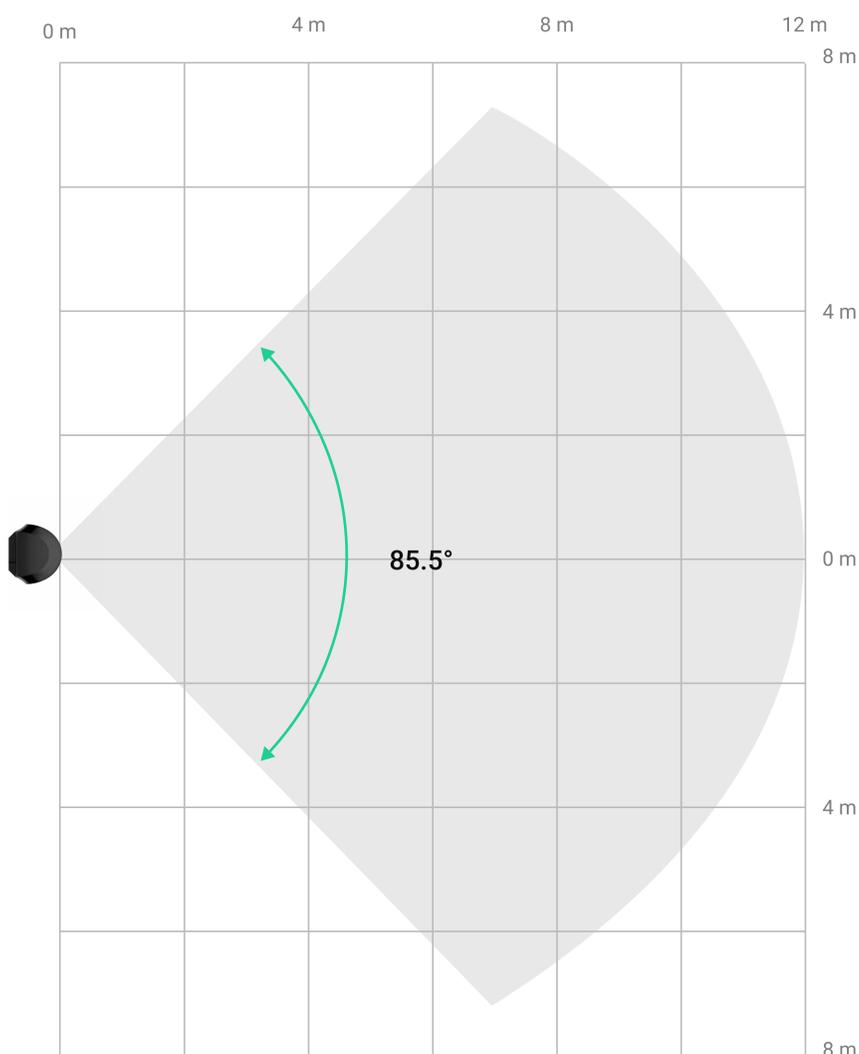


Photo verification

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

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

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

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- 📍 @AjaxSystemsSupport_Bot
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