

## MotionCam Outdoor HighMount (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities. For outdoor installation at a height of 2–4 m.



### Advanced motion detection

- Two PIR and one microwave sensor
- Adjustable motion detection range using a swivel mount
- 90° vertical viewing angle with no blind spots under the detector
- 90° horizontal viewing angle

### False alarm prevention

- Dual motion detection technology: alarm is raised only when PIR sensor and microwave sensor are both triggered
- Adjustable sensitivity levels
- Thermal interferences filter with SmartDetect software algorithm
- Temperature compensation

## Photo verification

MotionCam Outdoor HighMount (PhOD) Jeweller has a built-in camera to quickly assess the situation at the protected facility. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.



HDR camera for clear photos



IR illumination for low light conditions



Up to 640 × 480 px photo resolution



Up to 5 photos in a series

### Privacy control

- Precise configuration of access rights in the Ajax app
- Graphic data is encrypted and meets GDPR requirements
- Event log stores all actions within the system



### Jeweller and Wings wireless communication

- Up to 1,700 m (5,550 ft) of wireless communication range in an open space
- Data encryption throughout the transmission process
- Regular polling to display the current device state
- Frequency hopping to prevent radio interference and jamming



## Sabotage protection

- Anti-masking system<sup>1</sup>
- Tamper alarm to notify of attempts to dismantle the device
- Magnetometer to detect unauthorized changes to the detector position
- Device authentication against spoofing



## Hassle-free installation and maintenance

- Pairing with the hub by scanning the QR code
- Remote control and configuration in Ajax apps
- Up to 3 years of operation on pre-installed batteries
- No need to disassemble the enclosure during installation
- Installation on a metal swivel mount
- Camera's field of view and maximum detection zone check via Ajax apps

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2) PD 6662:2017</p> <p><b>Compatibility</b></p> <p>For detailed information, scan the QR code or follow the link:</p>  <p><a href="https://ajax.systems/tools/devices-compatibility/?models=MC.OHMP.J">ajax.systems/tools/devices-compatibility/?models=MC.OHMP.J</a></p>	<p><b>Communication with a hub or range extender</b></p> <p><b>Jeweller and Wings communication technologies</b></p> <p><b>Communication range</b> up to 1,700 m up to 5,550 ft In an open space</p> <p><b>Frequency bands</b> 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region</p>	<p><b>Motion detection</b></p> <p><b>Sensitive elements</b> 2 × PIR sensor 1 × K-band microwave sensor</p> <p><b>Motion detection distance</b> up to 15 m up to 49 ft</p> <p><b>Motion detection angles</b> vertical: 90° horizontal: 90°</p> <p><b>Anti-masking system<sup>1</sup></b></p>	<p><b>Photo verification</b></p> <p><b>Photo resolution (in pixels)</b> 640 × 480 320 × 240 (by default) Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p><b>Photos in a series</b> from 1 to 5 images for 320 × 240 from 1 to 3 images for 640 × 480 px Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p><b>First photo delivery time</b> up to 9 s for 320 × 240 up to 20 s for 640 × 480</p>
<p><b>Power supply</b></p> <p><b>Battery</b> 6 × CR123A (pre-installed)</p> <p><b>Battery life</b> up to 3 years</p> <p><b>Optional connection of a 12–24 V== external power supply</b></p> <p><b>Complete set</b></p> <p>MotionCam Outdoor HighMount (PhOD) Jeweller 6 × CR123A battery (pre-installed) Hood Metal swivel mount Installation kit Quick start guide</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white</p> <p><b>Dimensions with the swivel mount</b> 234 × 98 × 230 mm 9.21" × 3.86" × 9.06"</p> <p><b>Dimensions without the swivel mount</b> 234 × 98 × 137 mm 9.21" × 3.86" × 5.39"</p> <p><b>Weight with a swivel mount</b> 1,010 g 35.6 oz</p> <p><b>Weight without the swivel mount</b> 620 g 21.9 oz</p> <p><b>Tamper alarm</b></p> <p><b>Magnetometer</b></p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from –25 °C to +60 °C from 13 °F to 140 °F</p> <p><b>Operating humidity</b> up to 95%</p> <p><b>Protection class</b> IP55</p> <p><b>Installation height</b> 2–4 m 6.6–13 ft</p>	<p><b>Camera viewing angles</b> horizontal: 115° vertical: 84°</p> <p><b>IR illumination</b></p> <p><b>The HDR feature</b></p> <p><b>Regular camera health checks</b></p>

<sup>1</sup> The anti-masking system is only available for PIR sensors; it does not support masking detection for the microwave sensor.



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/motioncam-outdoor-highmount-phod/](https://ajax.systems/support/devices/motioncam-outdoor-highmount-phod/)

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