

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

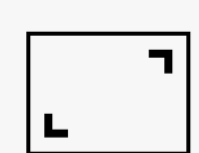
MotionCam Outdoor HighMount (PhOD) Jeweller has a built-in camera to quickly assess the situation at the protected facility. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.



HDR camera for clear photos



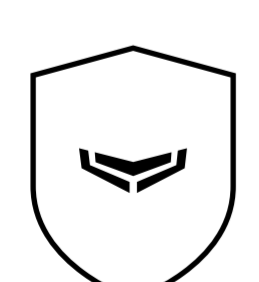
IR illumination for low light conditions



Up to 640 × 480 px photo resolution

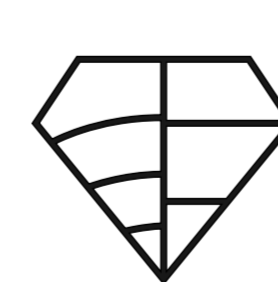


Up to 5 photos in a series



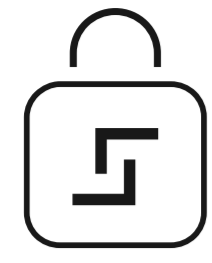
Privacy control

- 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



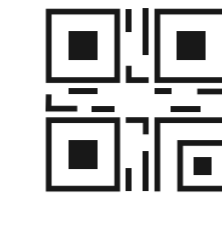
Jeweller and Wings wireless communication

- 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 system¹
- 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>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017</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.OHMP.J</p>	<p>Communication with a hub or range extender</p> <p>Jeweller and Wings communication technologies</p> <p>Communication range up to 1,700 m up to 5,550 ft In an open space</p> <p>Frequency bands 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>Motion detection</p> <p>Sensitive elements 2 × PIR sensor 1 × K-band microwave sensor</p> <p>Motion detection distance up to 15 m up to 49 ft</p> <p>Motion detection angles vertical: 90° horizontal: 90°</p> <p>Anti-masking system¹</p>	<p>Photo verification</p> <p>Photo resolution (in pixels) 640 × 480 320 × 240 (by default) Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Photos in a series 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>First photo delivery time up to 9 s for 320 × 240 up to 20 s for 640 × 480</p>
<p>Power supply</p> <p>Battery 6 × CR123A (pre-installed)</p> <p>Battery life up to 3 years</p> <p>Optional connection of a 12–24 V== external power supply</p> <p>Complete set</p> <p>MotionCam Outdoor HighMount (PhOD) Jeweller 6 × CR123A battery (pre-installed) Hood Metal swivel mount Installation kit Quick start guide</p>	<p>Enclosure</p> <p>Color white</p> <p>Dimensions with the swivel mount 234 × 98 × 230 mm 9.21" × 3.86" × 9.06"</p> <p>Dimensions without the swivel mount 234 × 98 × 137 mm 9.21" × 3.86" × 5.39"</p> <p>Weight with a swivel mount 1,010 g 35.6 oz</p> <p>Weight without the swivel mount 620 g 21.9 oz</p> <p>Tamper alarm</p> <p>Magnetometer</p>	<p>Installation</p> <p>Operating temperature range from –25 °C to +60 °C from 13 °F to 140 °F</p> <p>Operating humidity up to 95%</p> <p>Protection class IP55</p> <p>Installation height 2–4 m 6.6–13 ft</p>	<p>Camera viewing angles horizontal: 115° vertical: 84°</p> <p>IR illumination</p> <p>The HDR feature</p> <p>Regular camera health checks</p>

¹ 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/

- ✉ support@ajax.systems
- 📍 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems