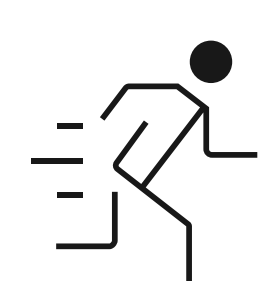


MotionCam Outdoor HighMount (PhOD) Jeweller

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



Advanced detection

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



False alarm prevention

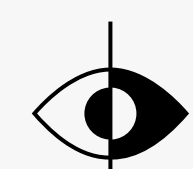
- Dual motion detection technology: alarm is raised only when PIR sensor and microwave sensor are both triggered
- Adjustable sensitivity levels
- Thermal interferences filter with SmartDetect software algorithm
- Temperature compensation

Photo verification

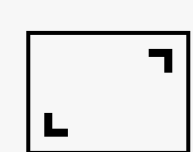
MotionCam Outdoor HighMount (PhOD) Jeweller has a built-in camera to quickly assess the situation at the protected facility. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.



HDR camera for clear photos



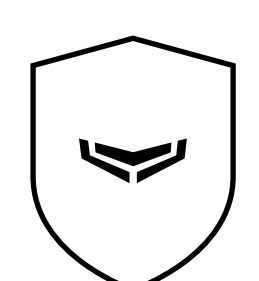
IR illumination for low light conditions



Up to 640 × 480 px photo resolution

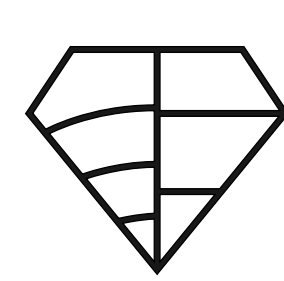


Up to 5 photos in a series



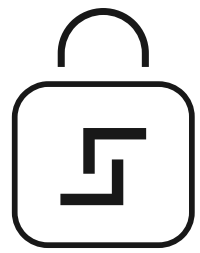
Privacy control

- 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



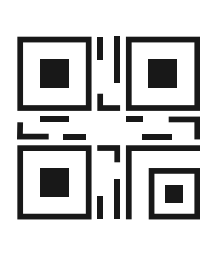
Jeweller and Wings wireless communication

- 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 current device statuses
- 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

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

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