

MotionCam Outdoor HighMount (PhOD) Jeweller

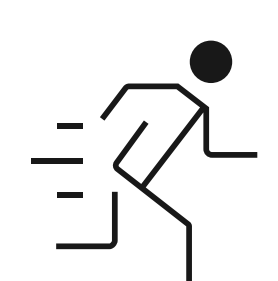
Wireless PIR motion detector with extended photo verification possibilities. For outdoor installation at a height of 2–4 m.



2
GRADE
EN 50131

PD 6662
2017

IP55



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

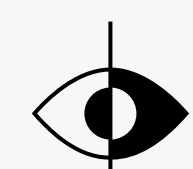
- Dual motion detection technology: alarm is raised only when PIR sensor and microwave sensor are both triggered
- Adjustable sensitivity levels
- Thermal interferences filter with SmartDetect software algorithm
- Temperature compensation

Photo verification

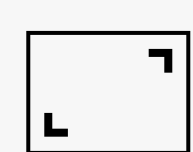
MotionCam Outdoor HighMount (PhOD) Jeweller has a built-in camera to quickly assess the situation at the protected facility. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.



HDR camera for clear photos



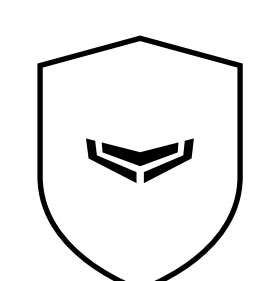
IR illumination for low light conditions



Up to 640 × 480 px photo resolution

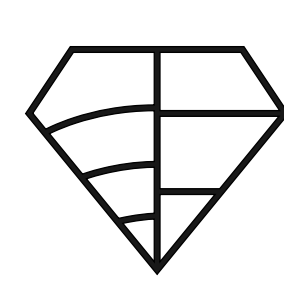


Up to 5 photos in a series



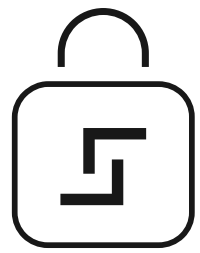
Privacy control

- 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



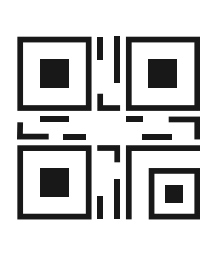
Jeweller and Wings wireless communication

- 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

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

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](https://t.me/AjaxSystemsSupport_Bot)
-  ajax.systems