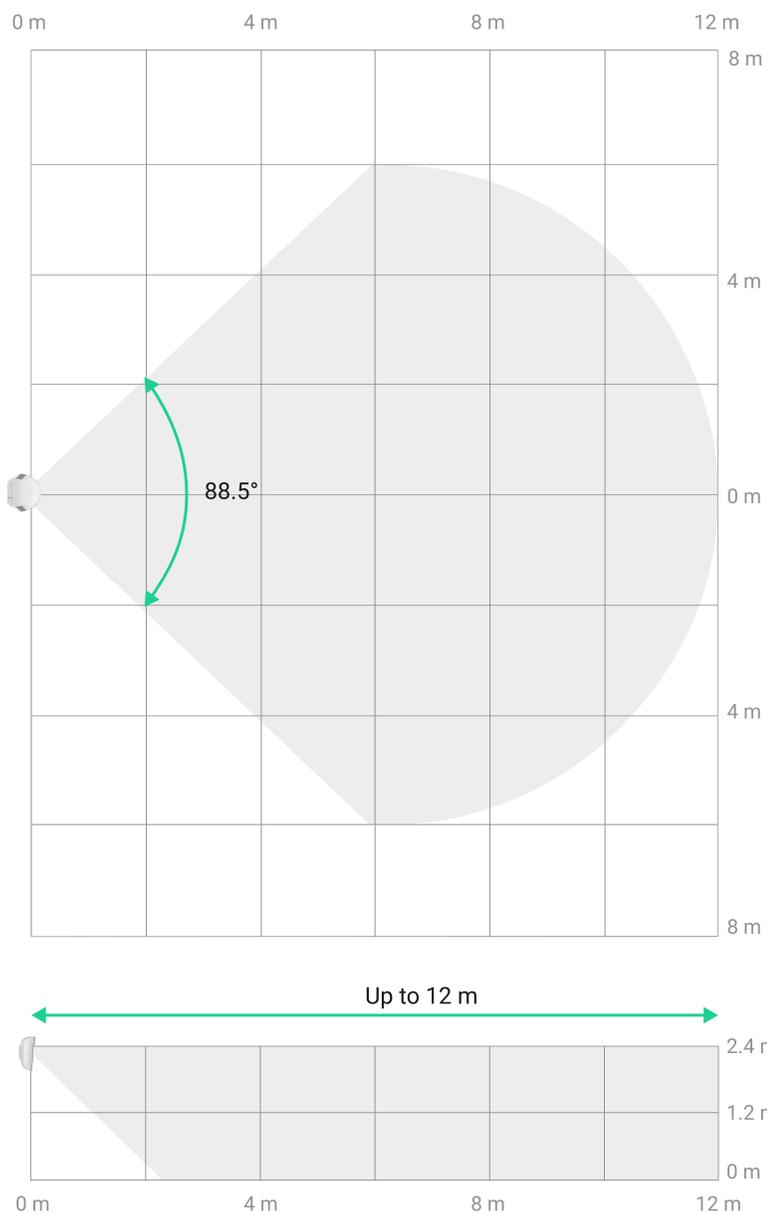


MotionCam U (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities



Motion detection

- SmartDetect algorithm to prevent false alarms
- Temperature compensation
- Pet immunity
- Three sensitivity levels that can be selected in the app

Photo verification

The detector has a built-in camera for requesting and viewing photos via Ajax apps. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.

- Photo resolution of up to 640 × 480 pixels
- Up to 5 photos in a series¹
- IR backlight for low-light conditions
- HDR for equalizing lighting to enhance image quality



Jeweller communication technology

- Up to 1,700 m of radio communication²
- Data encryption throughout the transmission
- Regular polling to display the current device state



Wings communication technology

- Up to 1,700 m of radio communication²
- Unique uploading algorithm and data delivery confirmation
- Data backup and resending if the transmission is interrupted



Sabotage protection

- Tamper alarm to notify of device dismantling
- Device authentication to prevent spoofing
- Frequency hopping to prevent interception and jamming
- Holding screw to secure the device on SmartBracket



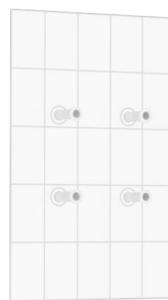
Flawless autonomy

- Up to 4 years³ of operation on pre-installed batteries
- Low-battery notifications



Quick installation and setup

- Pairing with the hub by scanning the QR code
- Remote control and configuration in the app
- Effortless installation and replacement



<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.SPHD.J-000-EU</p>	<p>Communication with the hub</p> <p>Jeweller and Wings radio communication technologies</p> <p>Frequency bands 868.0–868.6 MHz</p> <p>Communication range up to 1,700 m In an open space</p>	<p>Motion detection</p> <p>Sensitive element 1 × PIR sensor</p> <p>Detection distance up to 12 m</p> <p>Detection angle horizontal: 88.5°</p> <p>Pet immunity weight: up to 20 kg height: up to 50 cm</p> <p>Detection sensitivity 3 levels Adjusted in Ajax apps</p>	<p>Photo verification</p> <p>Photo resolution in pixels 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or user with admin rights in an Ajax app</p> <p>Photos in a series from 1 to 5 pics¹ Adjusted by a PRO or user with admin rights in an Ajax app</p> <p>HDR feature</p> <p>IR backlight</p>
<p>Power supply</p> <p>Batteries 2 × CR123A</p> <p>Battery life up to 4 years³</p>	<p>Installation</p> <p>Operating temperature range from –10 °C to +40 °C</p> <p>Operating humidity up to 75%</p>	<p>Enclosure</p> <p>Colour white, black</p> <p>Dimensions 135 × 70 × 60 mm</p> <p>Weight 167 g</p> <p>Protection class IP50</p>	<p>Complete set</p> <p>MotionCam U (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel with a holding screw Installation kit Quick start guide</p>

¹ The number of photos in a series depends on the selected photo resolution.

² In an open space.

³ Up to 3 years if the Photo on demand feature is enabled.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/motioncam-u-phod-jeweller/

-  support@ajax.systems
-  [@AjaxSystemsSupport_Bot](https://twitter.com/AjaxSystemsSupport_Bot)
-  ajax.systems