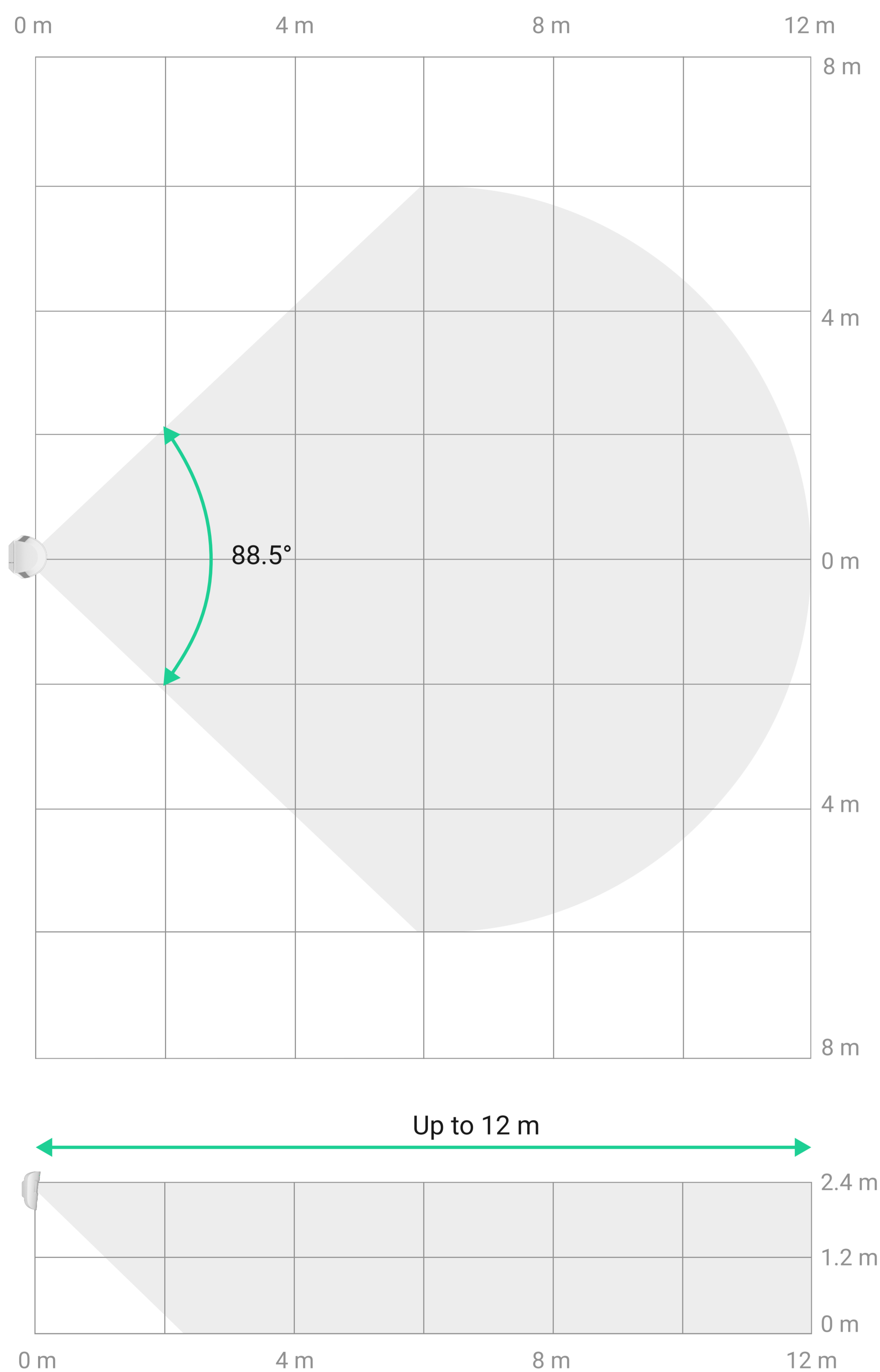


# MotionCam U (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities



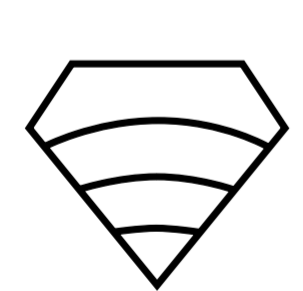
## Motion detection

- 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 series<sup>1</sup>
- IR backlight for low-light conditions
- HDR for equalizing lighting to enhance image quality



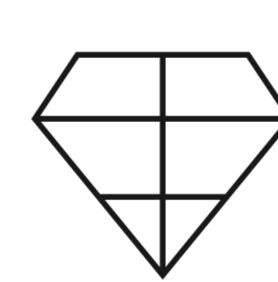
## Jeweller communication technology

- Up to 1,700 m of radio communication<sup>2</sup>
- Data encryption throughout the transmission
- Regular polling to display the current device state



## 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



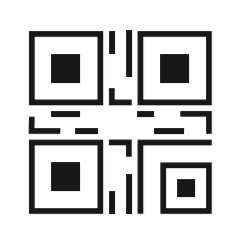
## Wings communication technology

- Up to 1,700 m of radio communication<sup>2</sup>
- Unique uploading algorithm and data delivery confirmation
- Data backup and resending if the transmission is interrupted



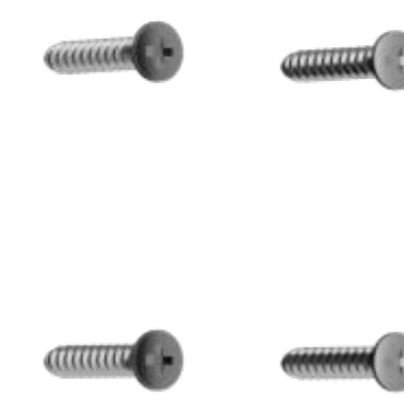
## Flawless autonomy


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

<sup>1</sup> The number of photos in a series depends on the selected photo resolution.

<sup>2</sup> In an open space.

<sup>3</sup> 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/](https://ajax.systems/support/devices/motioncam-u-phod-jeweller/)



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