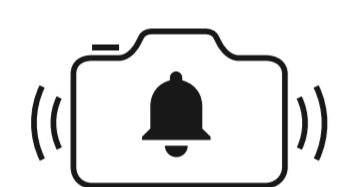
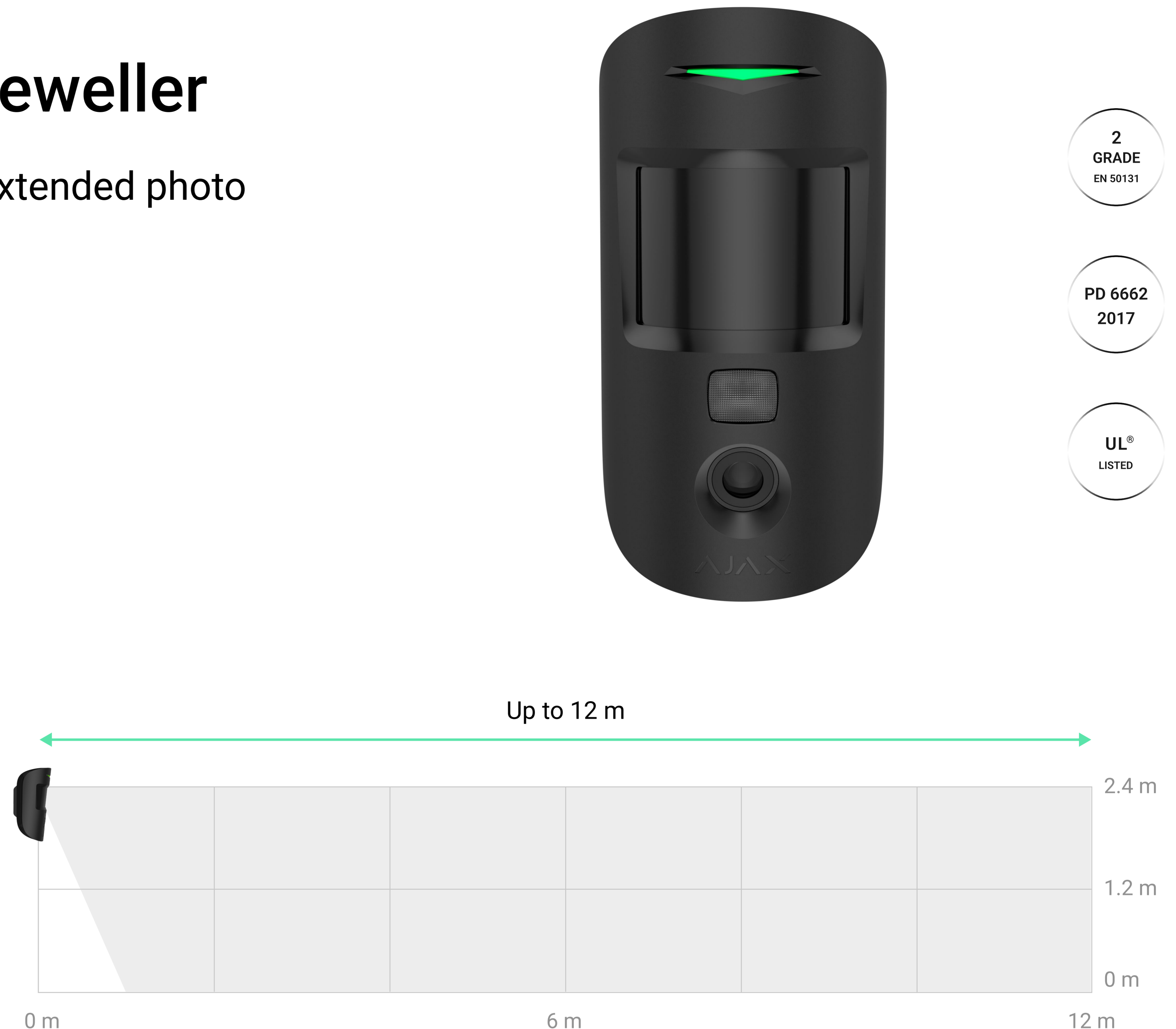
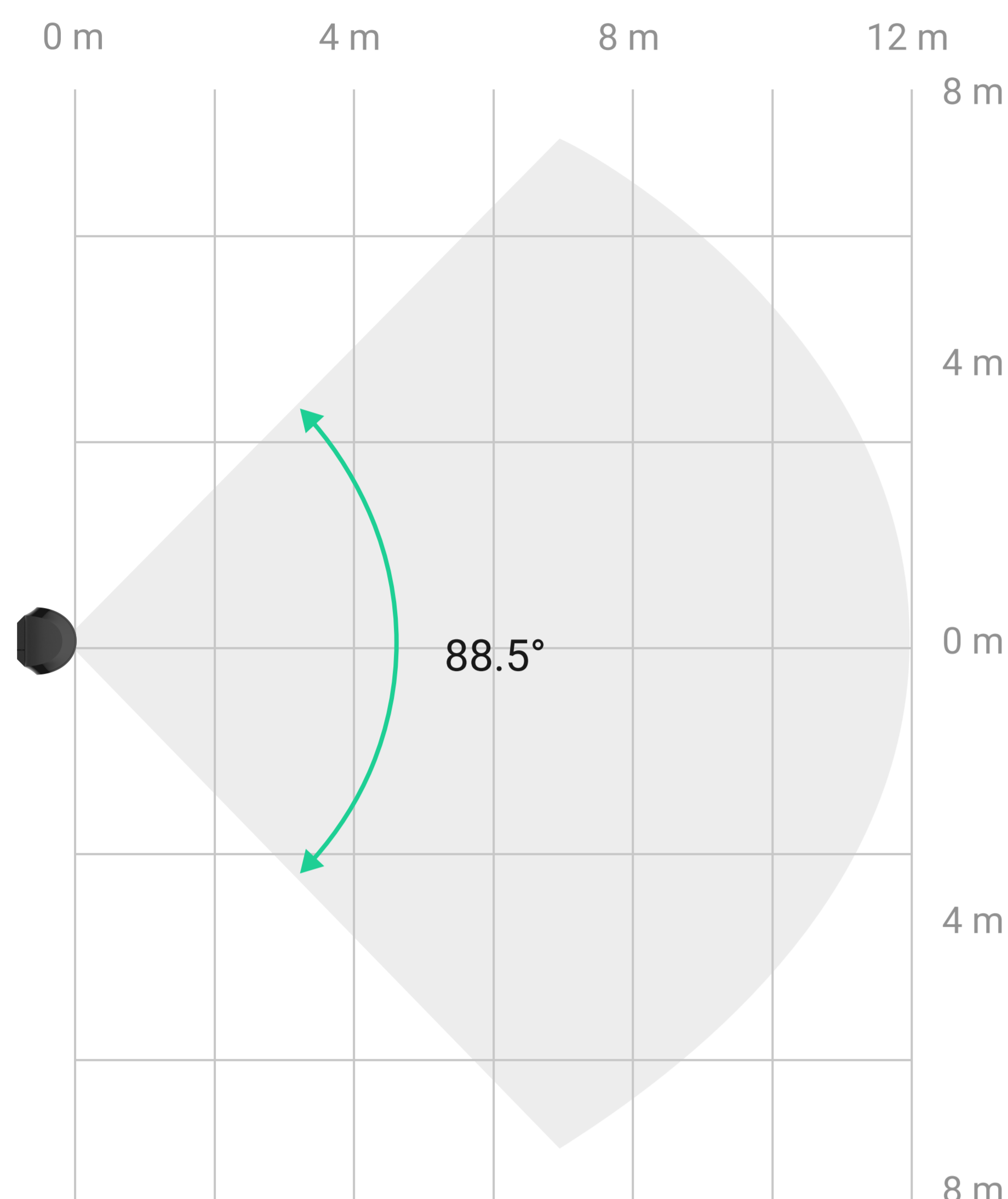


# MotionCam (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities



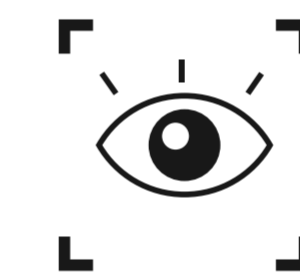
## Versatile verification possibilities

- Photo by alarm
- Photo on demand
- Photo by scenario
- Photo by schedule
- Photo by arming/disarming



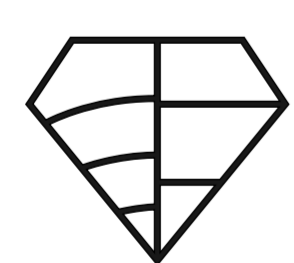
## Motion detection

- Motion detection distance<sup>1</sup> of up to 12 m (39 ft)
- Horizontal motion detection angle: 88.5°
- Temperature compensation for motion detection at any operating temperature



## Photo verification

- Up to 640 × 480 pixels photo resolution
- From 1 up to 5 photos in a series
- The first photo delivery in 9 s
- IR illumination for low-light conditions
- HDR<sup>2</sup> for equalizing lighting to increase image quality



## Jeweller and Wings communication technologies

- Up to 1,700 m (5,600 ft) of radio communication<sup>3</sup>
- Data encryption throughout the transmission process
- Regular polling to display current device statuses
- Frequency hopping to prevent radio interference and jamming



## False alarms prevention

- Three sensitivity levels: selectable in the app
- SmartDetect algorithm to prevent false alarms
- Pet immunity<sup>1</sup>: pets with a height of up to 50 cm (1.6 ft) and a weight of up to 20 kg (44 lb)



## Privacy first

- The detailed event log contains comprehensive data on the device, time, and event description.
- On-demand photos are linked to the user who requested them.
- Photos are available only for users with proper access rights.
- Photos are encrypted at every stage of transmission. While stored, no photos are processed or analyzed.

## Flawless autonomy

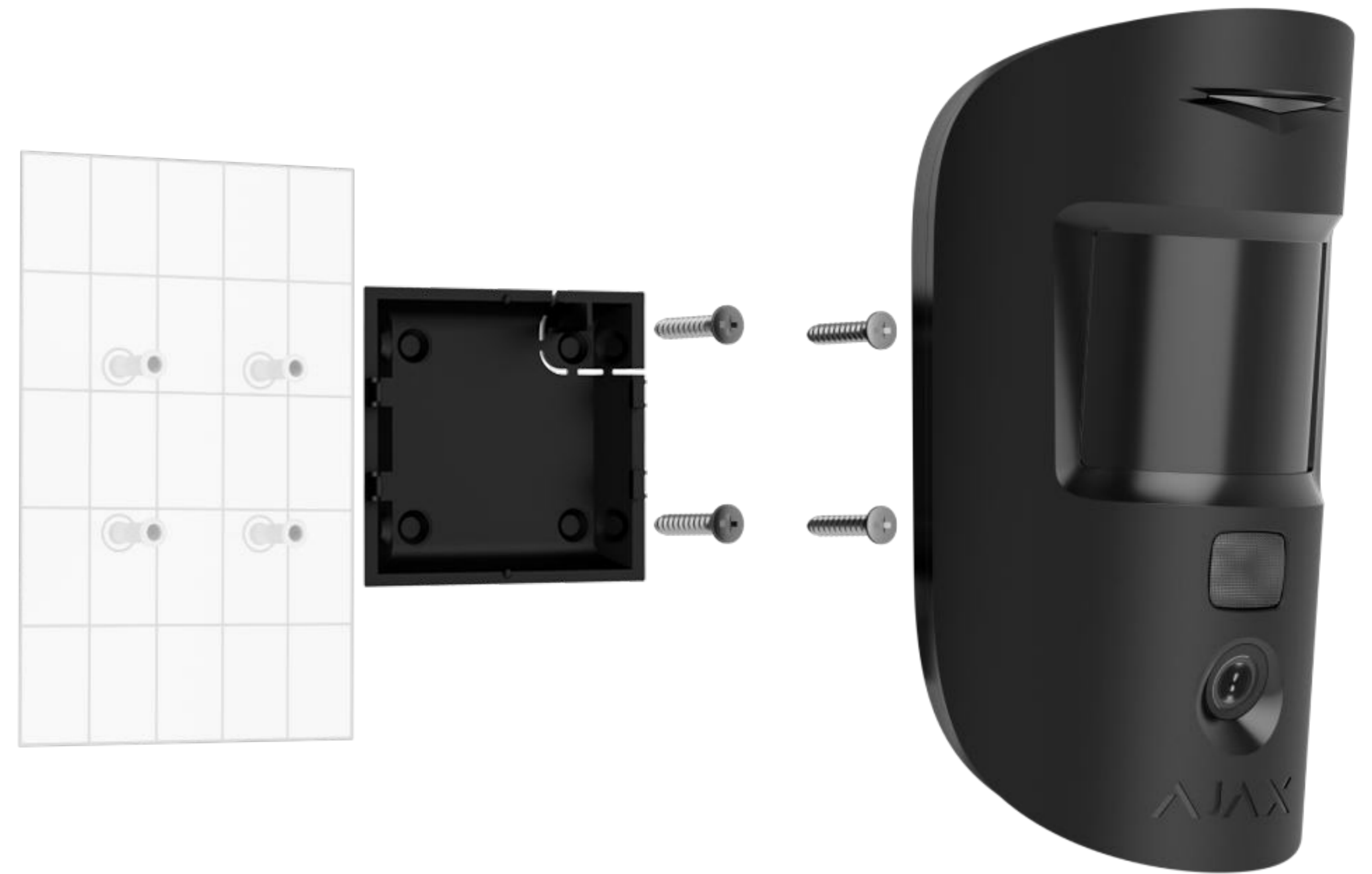
- Up to 4 years of operation with Photo on demand disabled and up to 3 years when the feature is enabled
- Low battery notifications


## Quick installation and setup

- Pairing with a hub via the QR code
- Remote control and configuration in mobile and desktop apps
- Installation and replacement without opening the enclosure

## Sabotage protection

- Tamper alarm
- Device authentication to prevent spoofing



<p><b>Compliance with standards</b></p> <p>EN 50131-2-6 (Grade 2) PD 6662:2017 UL (UL369, ULC S306)</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.P.J">ajax.systems/tools/devices-compatibility/?models=MC.P.J</a></p>	<p><b>Communication with a hub</b></p> <p><b>Jeweller and Wings communication technologies</b></p> <p><b>Frequency bands</b> 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><b>Communication range</b> up to 1,700 m up to 5,600 ft In an open space</p> <p><b>Polling interval</b> 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app</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 a user with admin rights in the Ajax app</p> <p><b>Photos in a series</b> from 1 to 5 pics Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p><b>Photo delivery time</b> up to 7 s for 160 × 120 up to 9 s for 320 × 240 up to 20 s for 640 × 480</p> <p><b>IR illumination</b></p> <p><b>The HDR<sup>2</sup> feature</b></p>	<p><b>Motion detection</b></p> <p><b>Sensitive element</b> PIR sensor</p> <p><b>Motion detection distance</b> up to 12 m up to 39 ft When the detector is installed at a height of 2.4 m (8 ft)</p> <p><b>Motion detection angle</b> horizontal: 88.5°</p> <p><b>Temperature compensation</b></p> <p><b>Pet immunity<sup>1</sup></b> weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)</p>
<p><b>Power supply</b></p> <p><b>Battery</b> 2 × CR123A (pre-installed)</p> <p><b>Battery life</b> up to 4 years With Photo on demand disabled</p> <p>up to 3 years With Photo on demand enabled</p>	<p><b>Installation</b></p> <p><b>Recommended installation height</b> 2.4 m 8 ft</p> <p><b>Operating temperature range</b> from -10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP50</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 135 × 70 × 60 mm 5.31" × 2.75" × 2.36"</p> <p><b>Weight</b> 217 g 7.65 oz</p>	<p><b>Complete set</b></p> <p>MotionCam (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

<sup>1</sup> When the detector is properly installed and configured.




<sup>2</sup> The HDR feature is available with OS Malevich 2.24 and a 15.59.35.14 device firmware version.

<sup>3</sup> In an open space.



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/motioncam-phod](https://ajax.systems/support/devices/motioncam-phod)

 [support@ajax.systems](mailto:support@ajax.systems)  
 [@AjaxSystemsSupport\\_Bot](https://twitter.com/AjaxSystemsSupport_Bot)  
 [ajax.systems](https://www.ajax.systems)