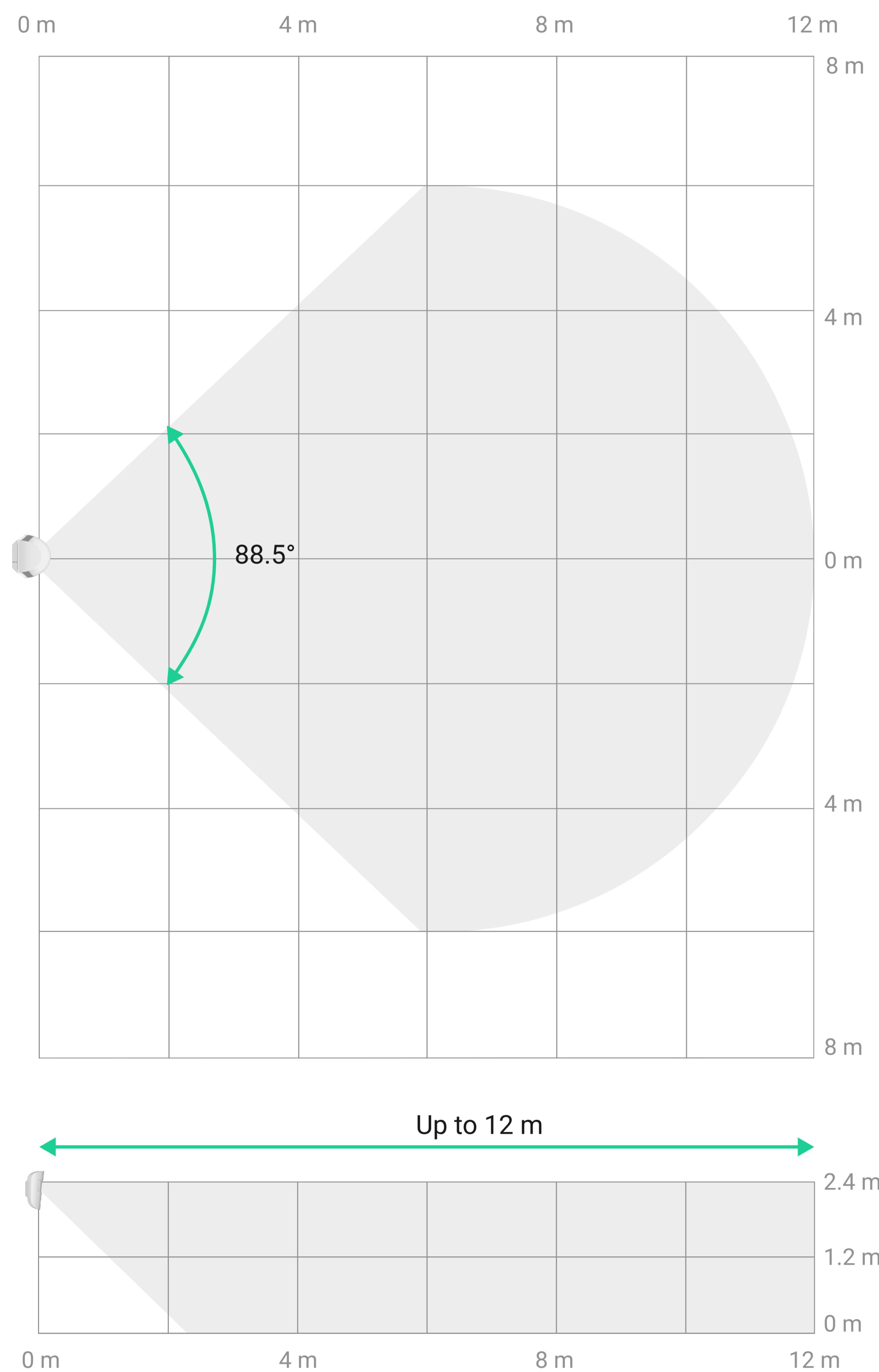


MotionCam U (PhOD) Jeweller

Wireless PIR motion detector with extended photo verification possibilities



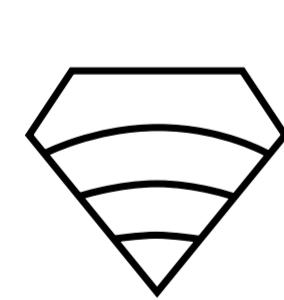
Motion detection

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

Photo verification

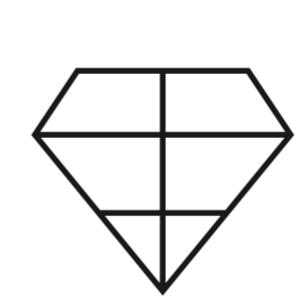
The detector has a built-in camera for requesting and viewing photos via Ajax apps. Several types of photo verification are available: by alarm, scenario, schedule, arming/disarming, and on demand.

- 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

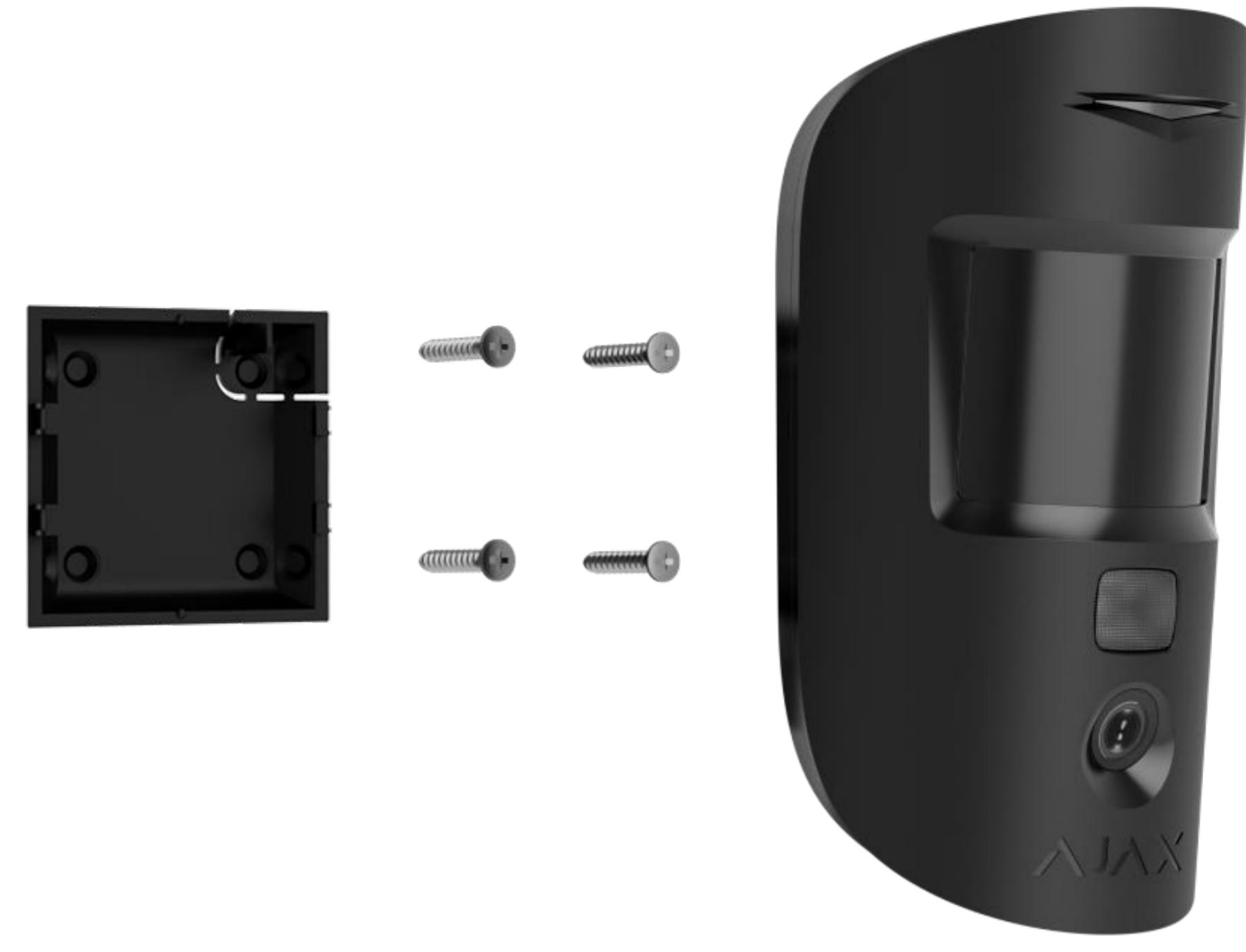
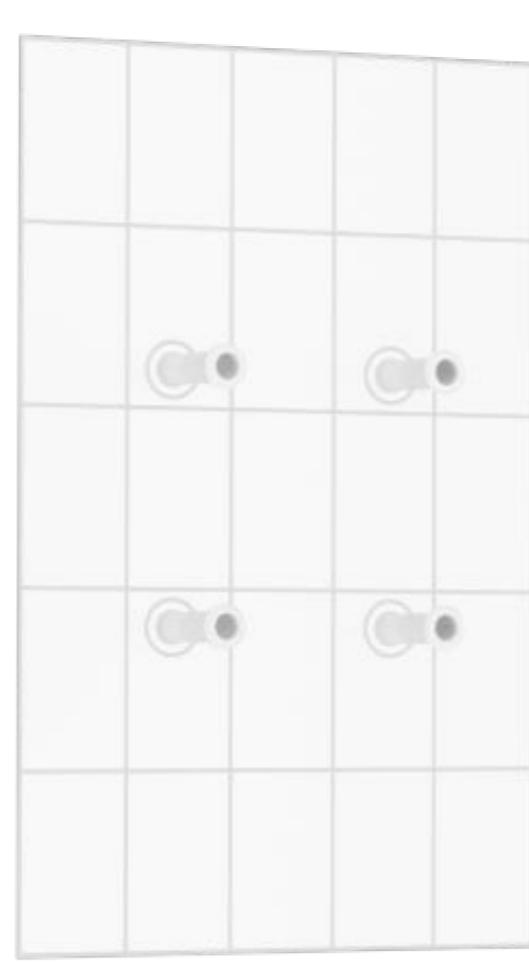


Flawless autonomy

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

QR Quick installation and setup

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



Compliance with standards	Communication with the hub	Motion detection	Photo verification
EN 50131 (Grade 2) PD 6662:2017	Jeweller and Wings radio communication technologies	Sensitive element 1 × PIR sensor	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
Compatibility For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=MC.SPHD.J-000-EU	Frequency bands 868.0–868.6 MHz Communication range up to 1,700 m In an open space	Detection distance up to 12 m Detection angle horizontal: 88.5° Pet immunity weight: up to 20 kg height: up to 50 cm Detection sensitivity 3 levels Adjusted in Ajax apps	Photos in a series from 1 to 5 pics ¹ Adjusted by a PRO or user with admin rights in an Ajax app HDR feature IR backlight
Power supply Batteries 2 × CR123A Battery life up to 4 years ³	Installation Operating temperature range from –10 °C to +40 °C Operating humidity up to 75%	Enclosure Colour white, black Dimensions 135 × 70 × 60 mm Weight 167 g Protection class IP50	Complete set MotionCam U (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel with a holding screw Installation kit Quick start guide

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

🌐 ajax.systems