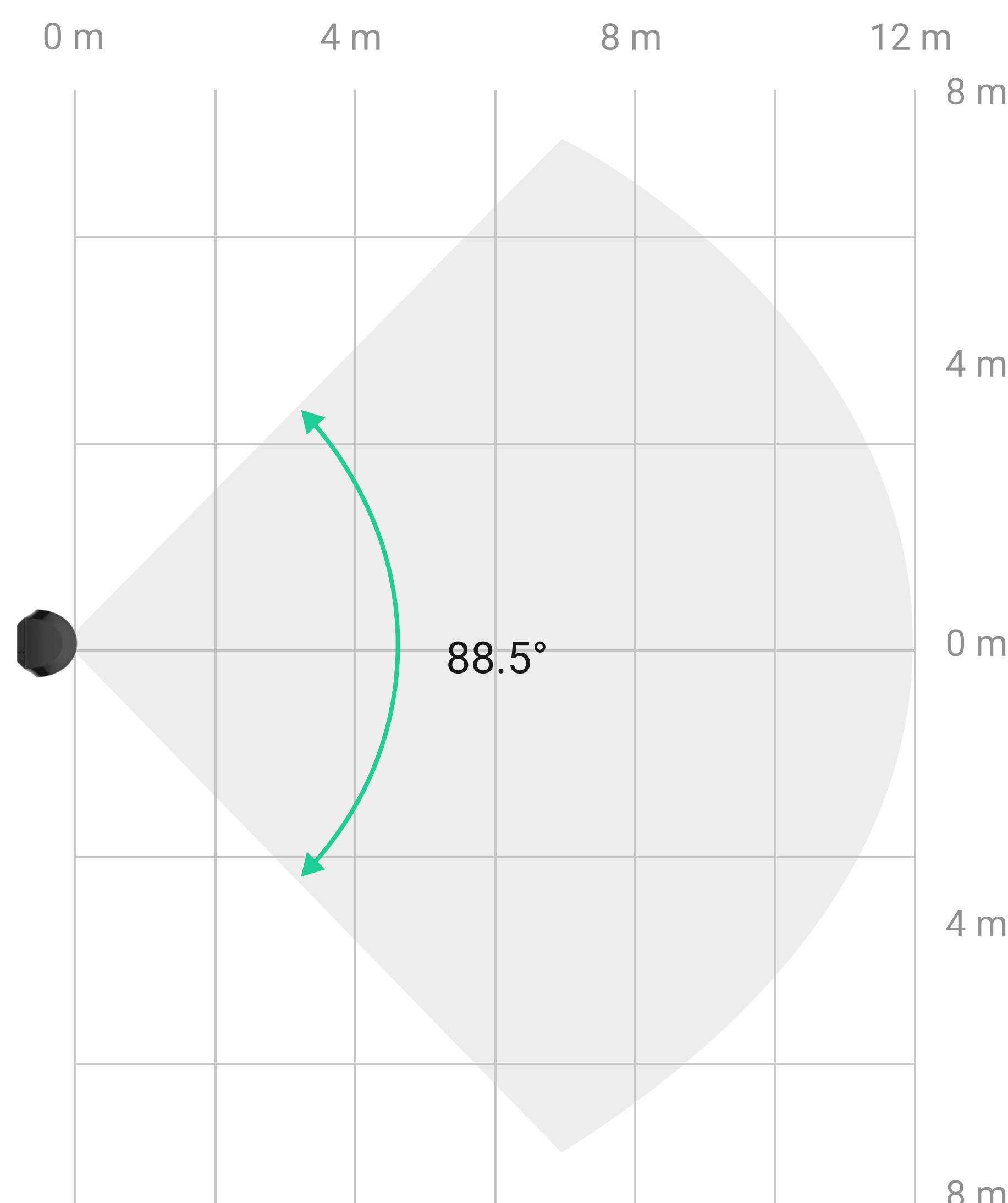


MotionCam (PhOD) Jeweller

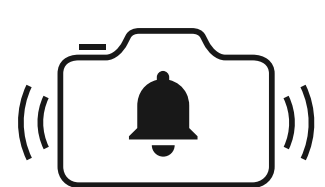
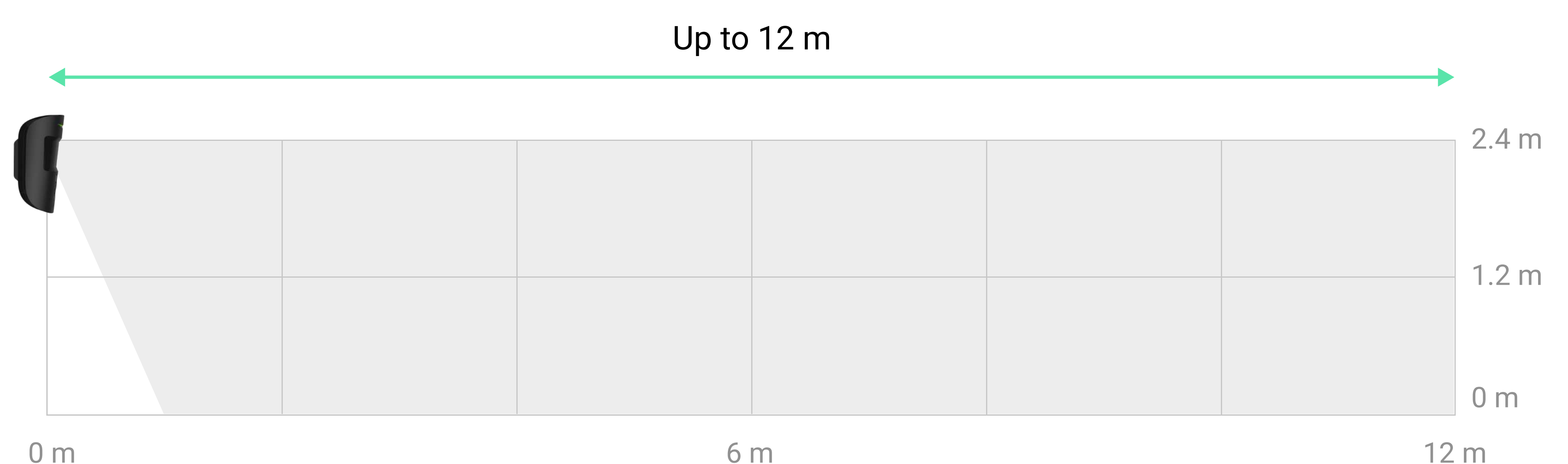
Wireless PIR motion detector with extended photo verification possibilities



2
GRADE
EN 50131

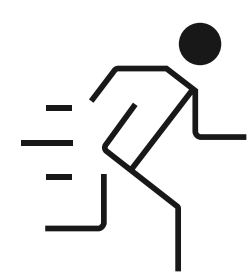
PD 6662
2017

UL®
LISTED



Versatile verification possibilities

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



Motion detection

- Motion detection distance¹ of up to 12 m (39 ft)
- Horizontal motion detection angle: 88.5°
- Temperature compensation for motion detection at any operating temperature

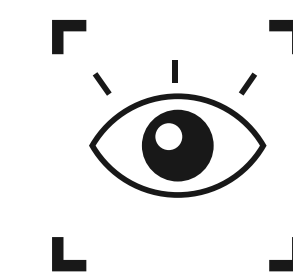
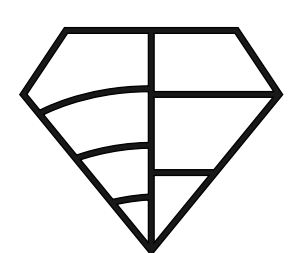


Photo verification

- 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
- HDR² for equalizing lighting to increase image quality



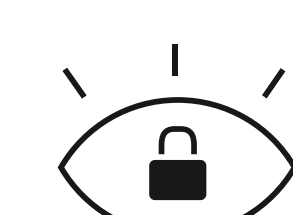
Jeweller and Wings communication technologies

- Up to 1,700 m (5,600 ft) of radio communication³
- Data encryption throughout the transmission process
- Regular polling to display current device statuses
- Frequency hopping to prevent radio interference and jamming



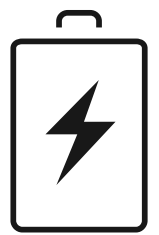
False alarms prevention

- Three sensitivity levels: selectable in the app
- SmartDetect algorithm to prevent false alarms
- Pet immunity¹: pets with a height of up to 50 cm (1.6 ft) and a weight of up to 20 kg (44 lb)



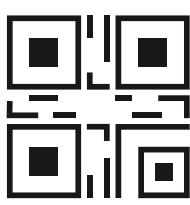
Privacy first

- 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.



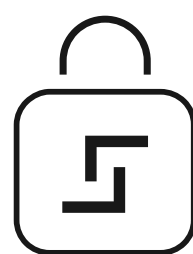
Flawless autonomy

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



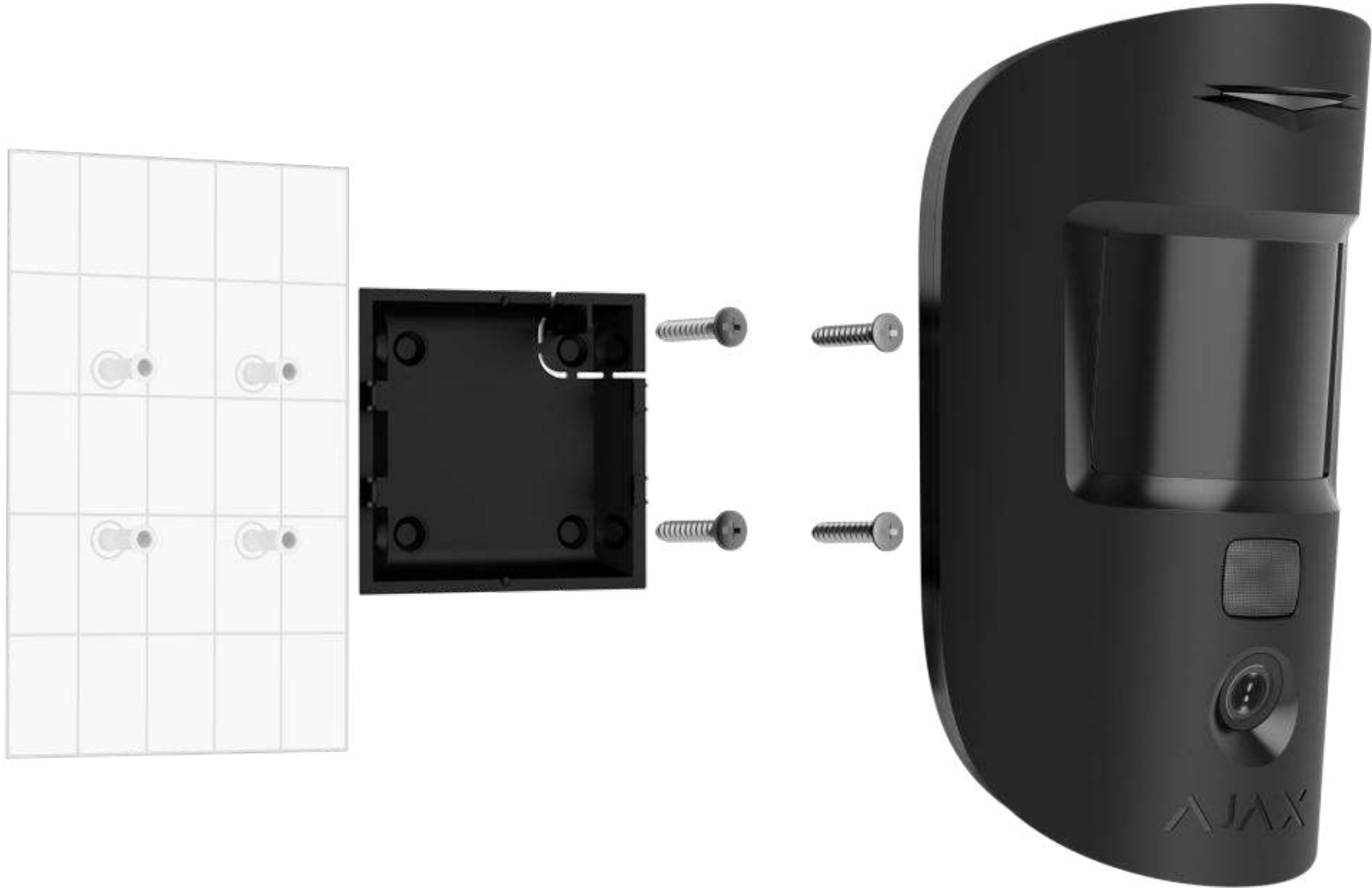
Quick installation and setup

- 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



Compliance with standards EN 50131-2-6 (Grade 2) PD 6662:2017 UL (UL369, ULC S306) Compatibility For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=MC.P.J	Communication with a hub Jeweller and Wings communication technologies 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 Communication range up to 1,700 m up to 5,600 ft In an open space Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app	Photo verification Photo resolution (in pixels) 640 × 480 320 × 240 (by default) 160 × 120 Adjusted by a PRO or a user with admin rights in the Ajax app Photos in a series from 1 to 5 pics Adjusted by a PRO or a user with admin rights in the Ajax app Photo delivery time up to 7 s for 160 × 120 up to 9 s for 320 × 240 up to 20 s for 640 × 480 IR illumination The HDR² feature	Motion detection Sensitive element PIR sensor Motion detection distance up to 12 m up to 39 ft When the detector is installed at a height of 2.4 m (8 ft) Motion detection angle horizontal: 88.5° Temperature compensation Pet immunity¹ weight: up to 20 kg (44 lb) height: up to 50 cm (1.6 ft)
Power supply Battery 2 × CR123A (pre-installed) Battery life up to 4 years With Photo on demand disabled up to 3 years With Photo on demand enabled	Installation Recommended installation height 2.4 m 8 ft Operating temperature range from –10 °C to +40 °C from 14 °F to 104 °F Operating humidity up to 75% Protection class IP50	Enclosure Color white, black Dimensions 135 × 70 × 60 mm 5.31" × 2.75" × 2.36" Weight 217 g 7.65 oz	Complete set MotionCam (PhOD) Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

¹ When the detector is properly installed and configured.
² The HDR feature is available with OS Malevich 2.24 and a 15.59.35.14 device firmware version.
³ In an open space.



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

 support@ajax.systems
 [@AjaxSystemsSupport_Bot](https://t.me/AjaxSystemsSupport_Bot)
 ajax.systems