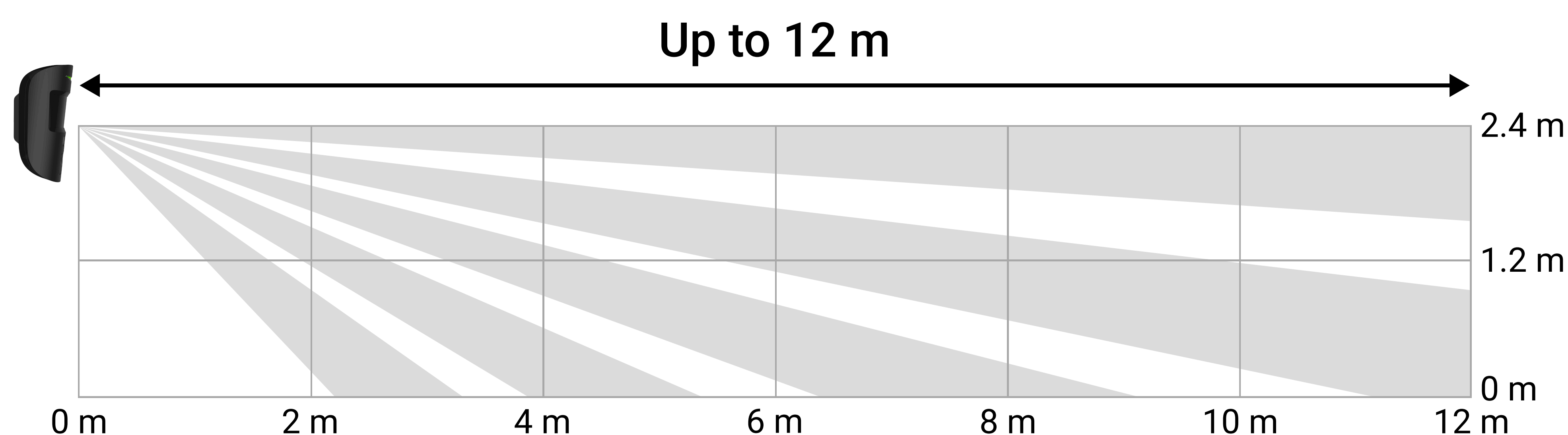
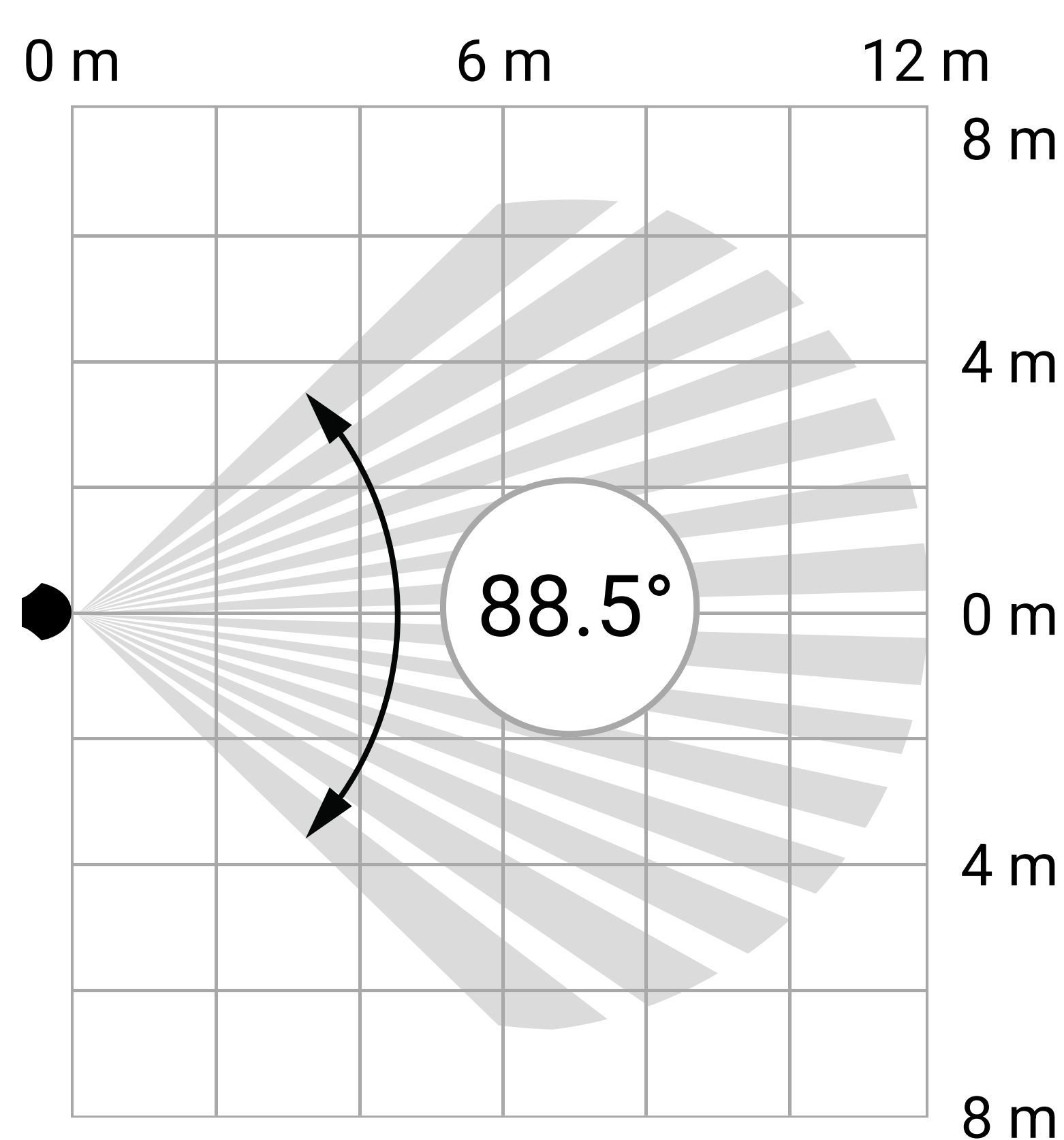


MotionCam (PhOD) Jeweller

Wireless IR motion detector that takes on-demand photos and photos by alarm, schedule, and scenario

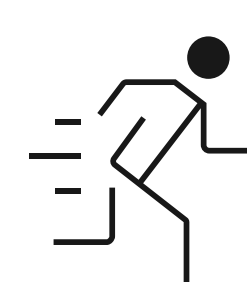


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GRADE
EN 50131

PD 6662
2017

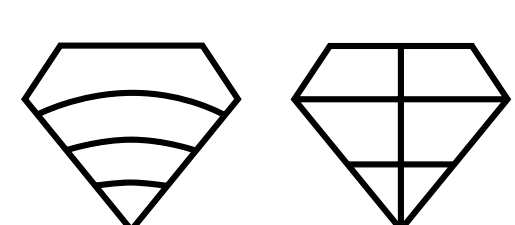
UL®
LISTED

The Ajax product portfolio includes motion detectors without **Photo on demand**, **Photo by schedule**, and **Photo by scenario** features. These detectors do not support visual alarm verification and do not feature “PhOD” in their names.



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



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

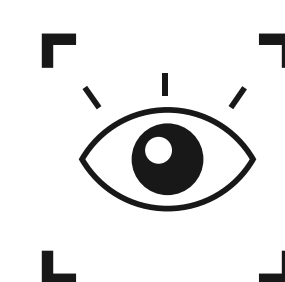
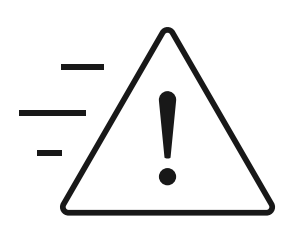


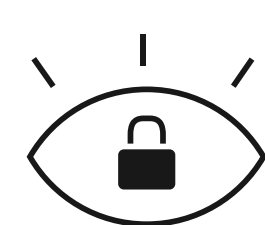
Photo verification

- Up to 640 × 480 pixels photo resolution
- From 1 up to 5 photos in a series
- The first photo delivery in 9 s
- Photo on demand, by alarm, scenario, and schedule
- IR backlight for low-light conditions
- HDR² for equalizing lighting to increase image quality



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)



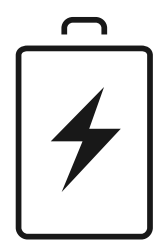
Privacy first

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.

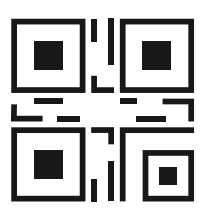
Photos are available only for users with proper access rights.

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



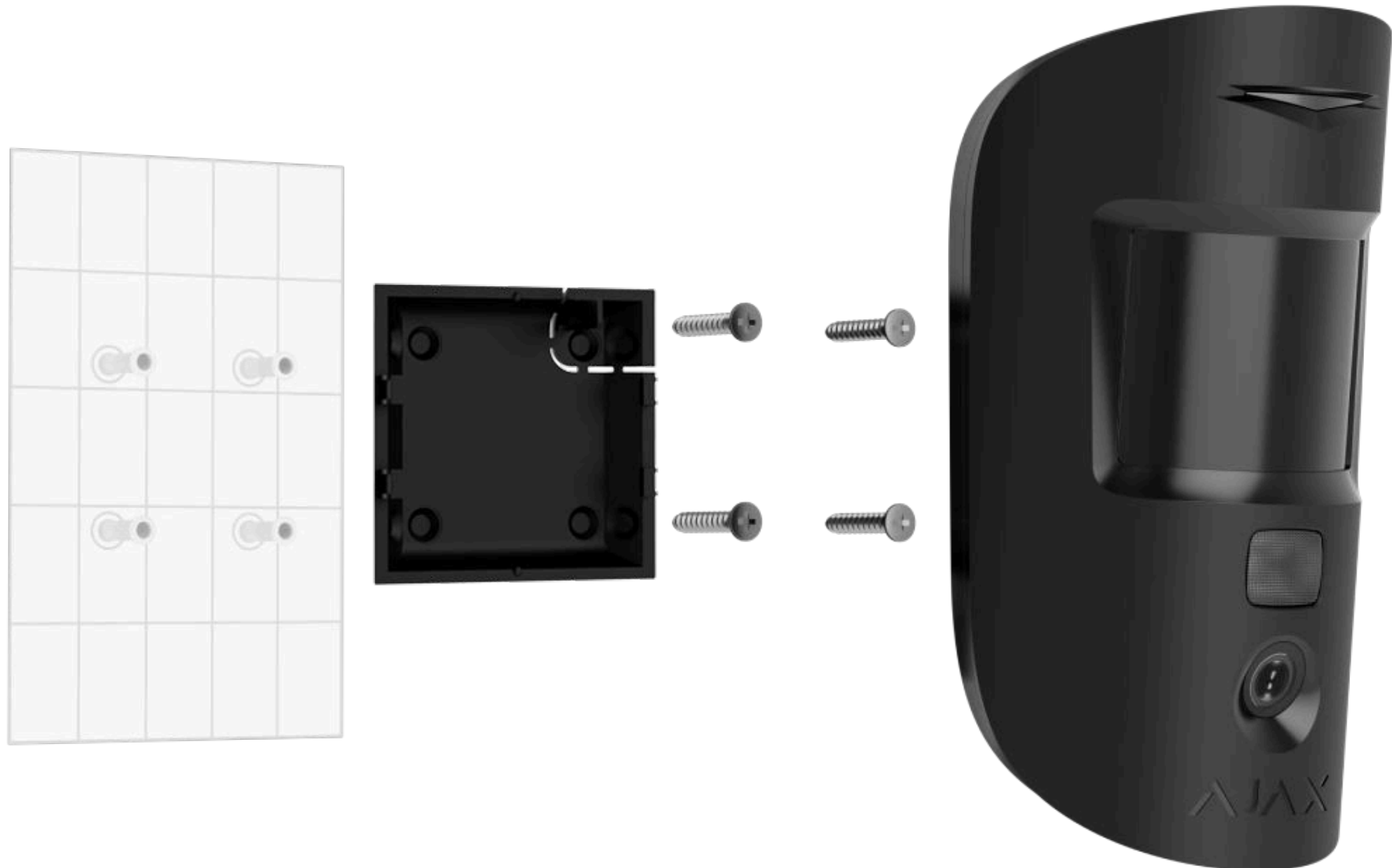
Quick installation and configuration

- 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 Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub BP Jeweller Hub Hybrid (2G) Hub Hybrid (4G) Range extenders ReX 2 Jeweller	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 Photo verification types Photo by alarm Photo on demand Photo by schedule Photo by scenario	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 IR backlight The HDR² feature 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
🌐 ajax.systems