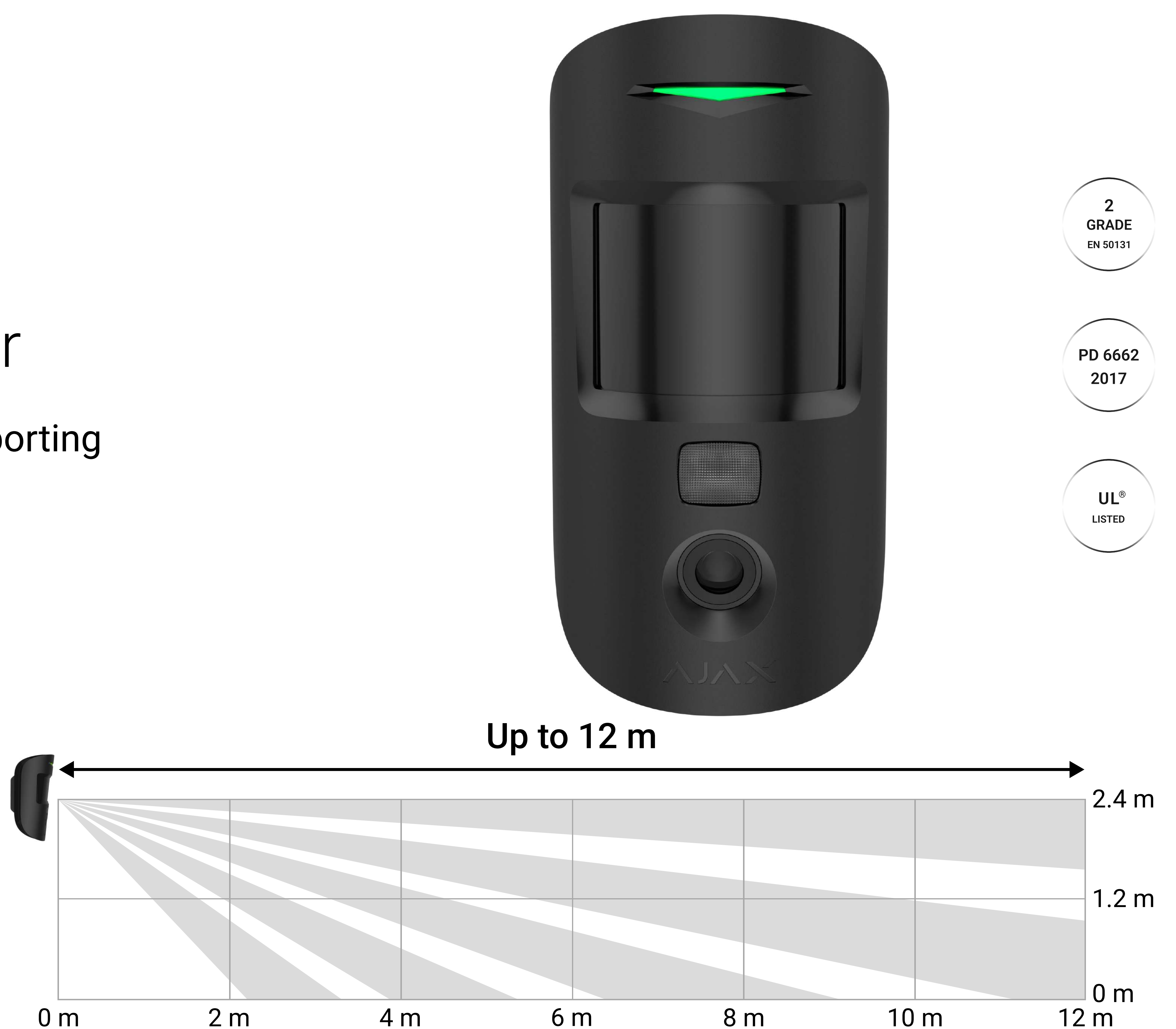
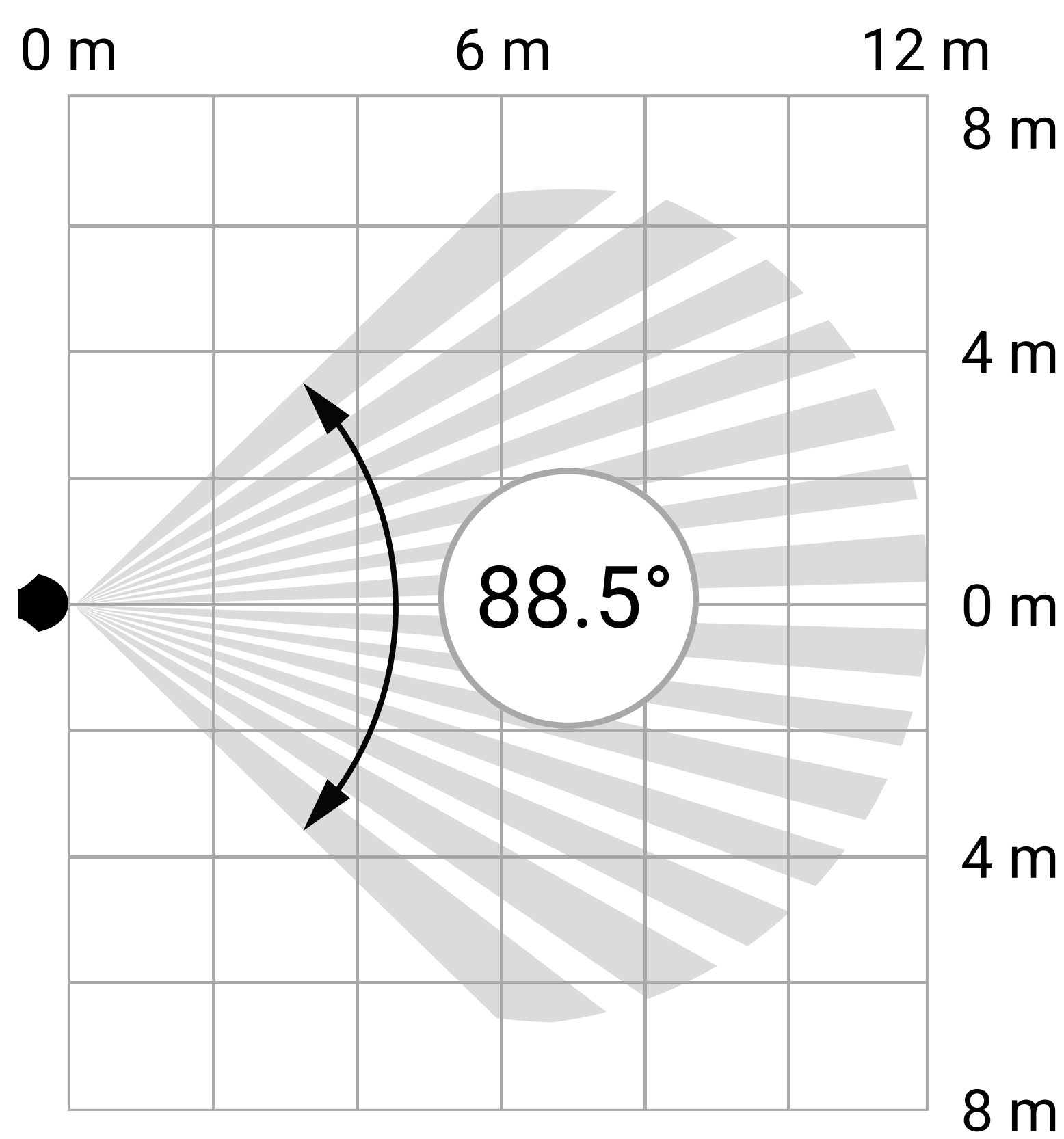


Baseline product line

MotionCam Jeweller

Wireless IR motion detector supporting the photo by alarm feature

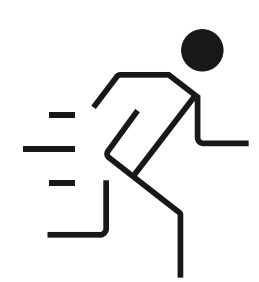


2
GRADE
EN 50131

PD 6662
2017

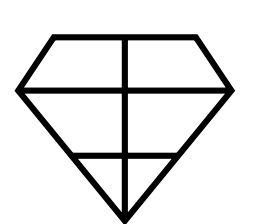
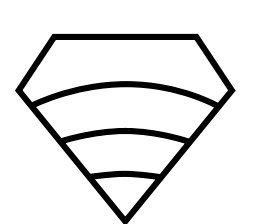
UL®
LISTED

The MotionCam series includes detectors with **Photo on Demand**, **Photo by Schedule**, and **Photo by Scenario** features. These devices have the “PhOD” mark in the product name.



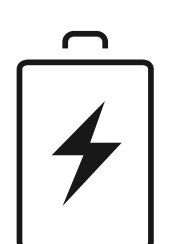
Motion detection

- Motion detection distance of up to 12 m
- 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 of radio communication in an open space
- Data is encrypted throughout the transmission process
- Regular polling to display current device statuses
- Frequency hopping to prevent radio interference and jamming



Flawless autonomy

- Up to 4 years of operation from pre-installed batteries
- Low battery notifications

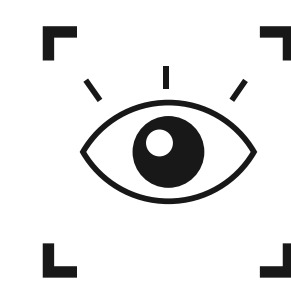


Photo verification

- Up to 640 × 480 pixels photo resolution
- From 1 up to 5 photos in a series
- The first photo delivery in 9 s
- IR backlight for low-light conditions
- HDR² for equalizing lighting to increase image quality



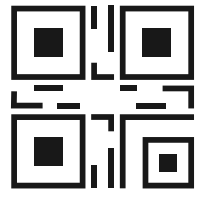
False alarms prevention

- Three sensitivity levels: selectable in the app
- SmartDetect algorithm to prevent false alarms
- Pet immunity: pets with a height of up to 50 cm and a weight¹ of up to 20 kg



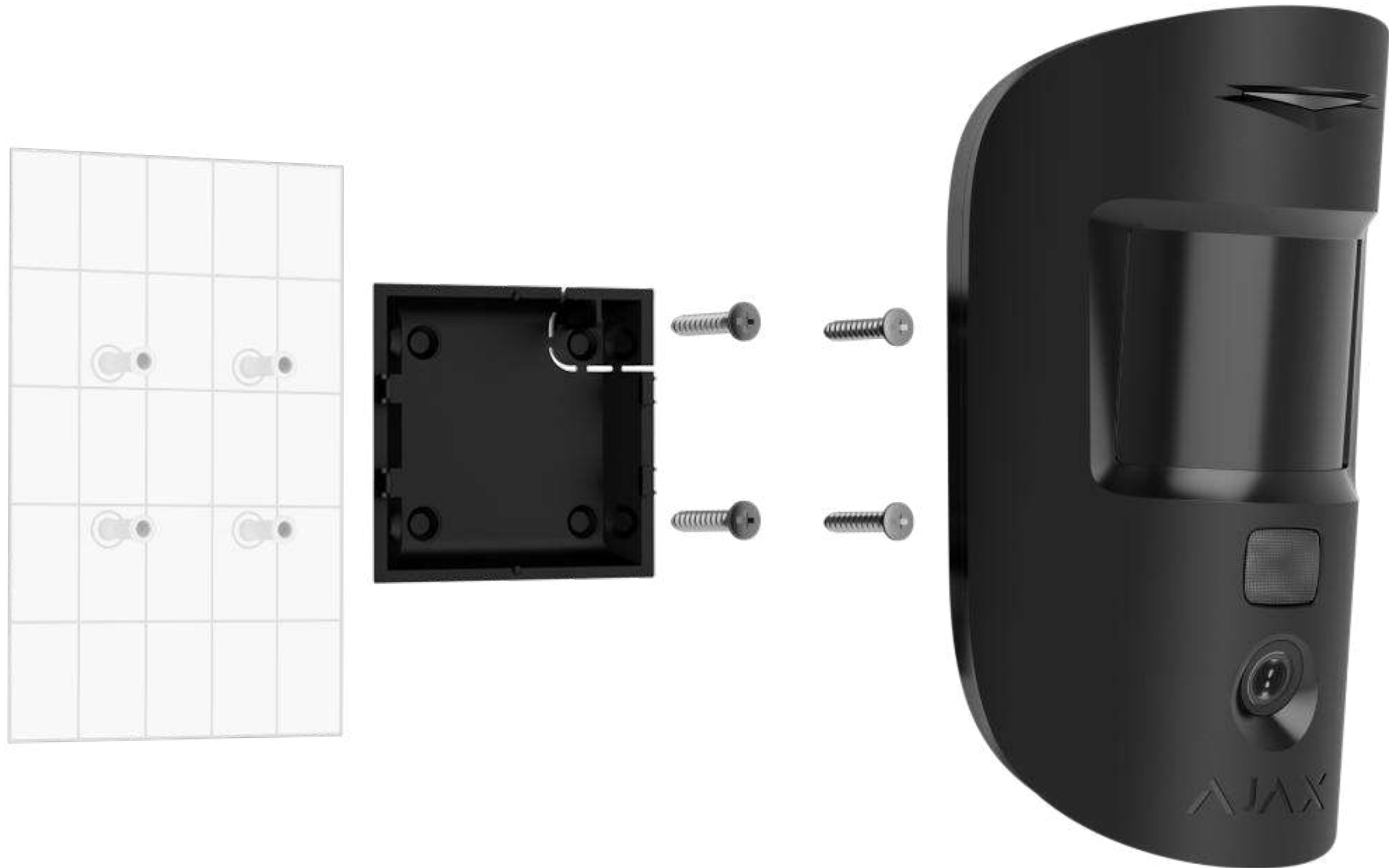
Sabotage protection

- Tamper alarm
- Device authentication to prevent spoofing



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



Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

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 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 In an open space Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app Protection against spoofing Device authentication	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 — 160 × 120 pixels resolution up to 9 s — 320 × 240 pixels resolution up to 20 s — 640 × 480 pixels resolution	Motion detection Sensitive element PIR sensor Motion detection distance up to 12 m ¹ Motion detection angle horizontal — 88.5° Motion detection speed from 0.3 to 2.0 m/s The direction of the detector lens should be perpendicular to an alleged intrusion path into the facility. Temperature compensation IR backlight The HDR² feature Sensitivity 3 levels Adjusted by a PRO or a user with admin rights in the Ajax app Pet immunity weight: up to 20 kg height: up to 50 cm
Power supply Battery 2 × CR123A (pre-installed) Battery life up to 4 years	Installation Recommended installation height 2.4 m Operating temperature range from –10 °C to +40 °C Operating humidity up to 75% Protection class IP50	Enclosure Color white, black Dimensions 110 × 65 × 50 mm Weight 86 g	Complete set MotionCam Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

¹ With proper installation and configuration.
² The HDR feature is available with OS Malevich 2.24 and a 15.59.35.14 device firmware version.



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

✉ support@ajax.systems
📧 @AjaxSystemsSupport_Bot
🌐 ajax.systems