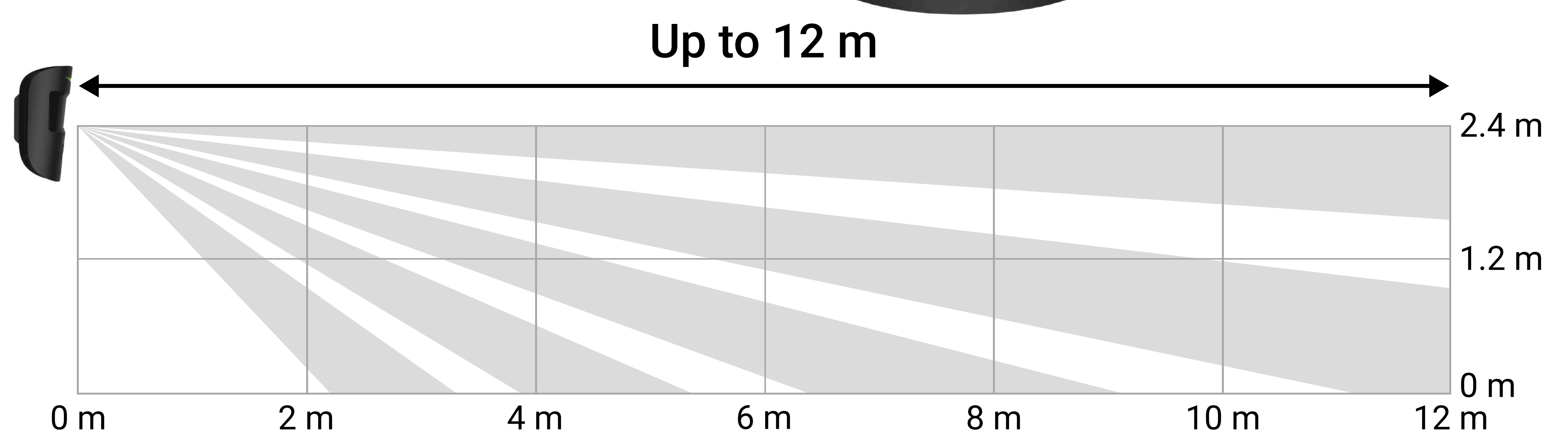
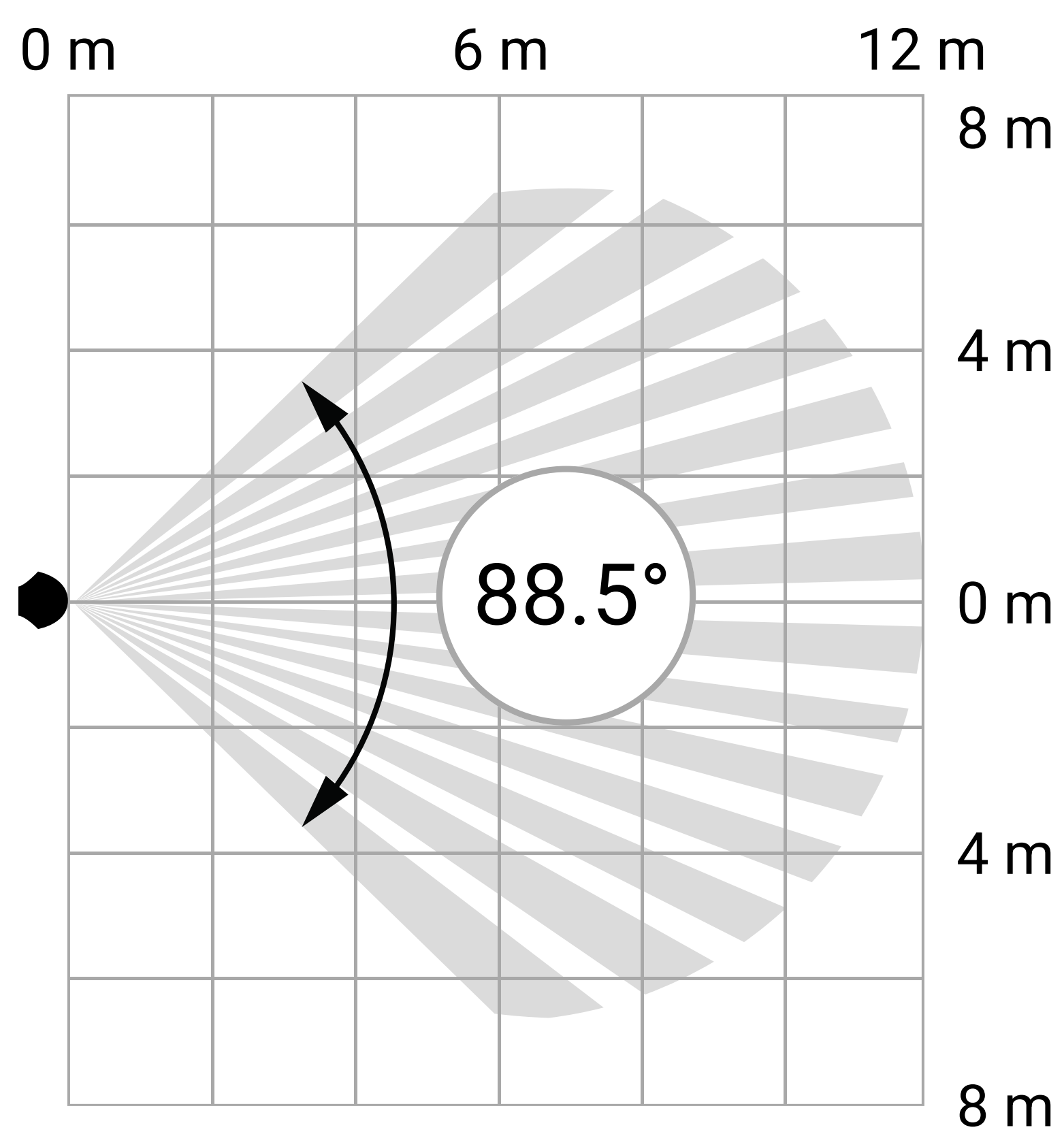


Baseline product line

MotionCam Jeweller

Wireless IR motion detector supporting the photo by alarm feature

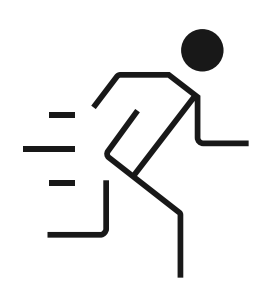


2
GRADE
EN 50131

PD 6662
2017

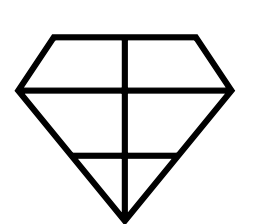
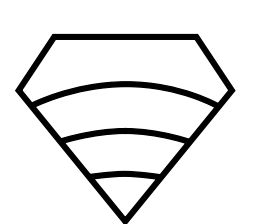
UL®
LISTED

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.



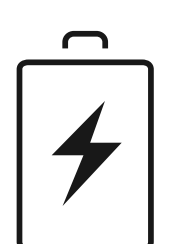
Motion detection

- 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

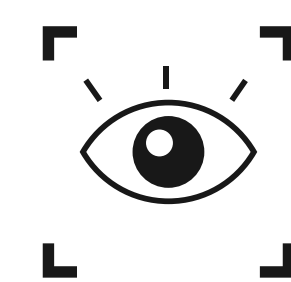
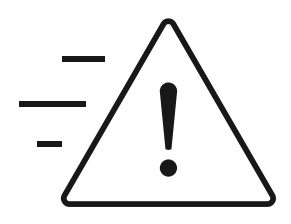


Photo verification

- 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



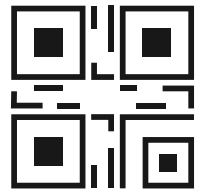
False alarms prevention

- 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



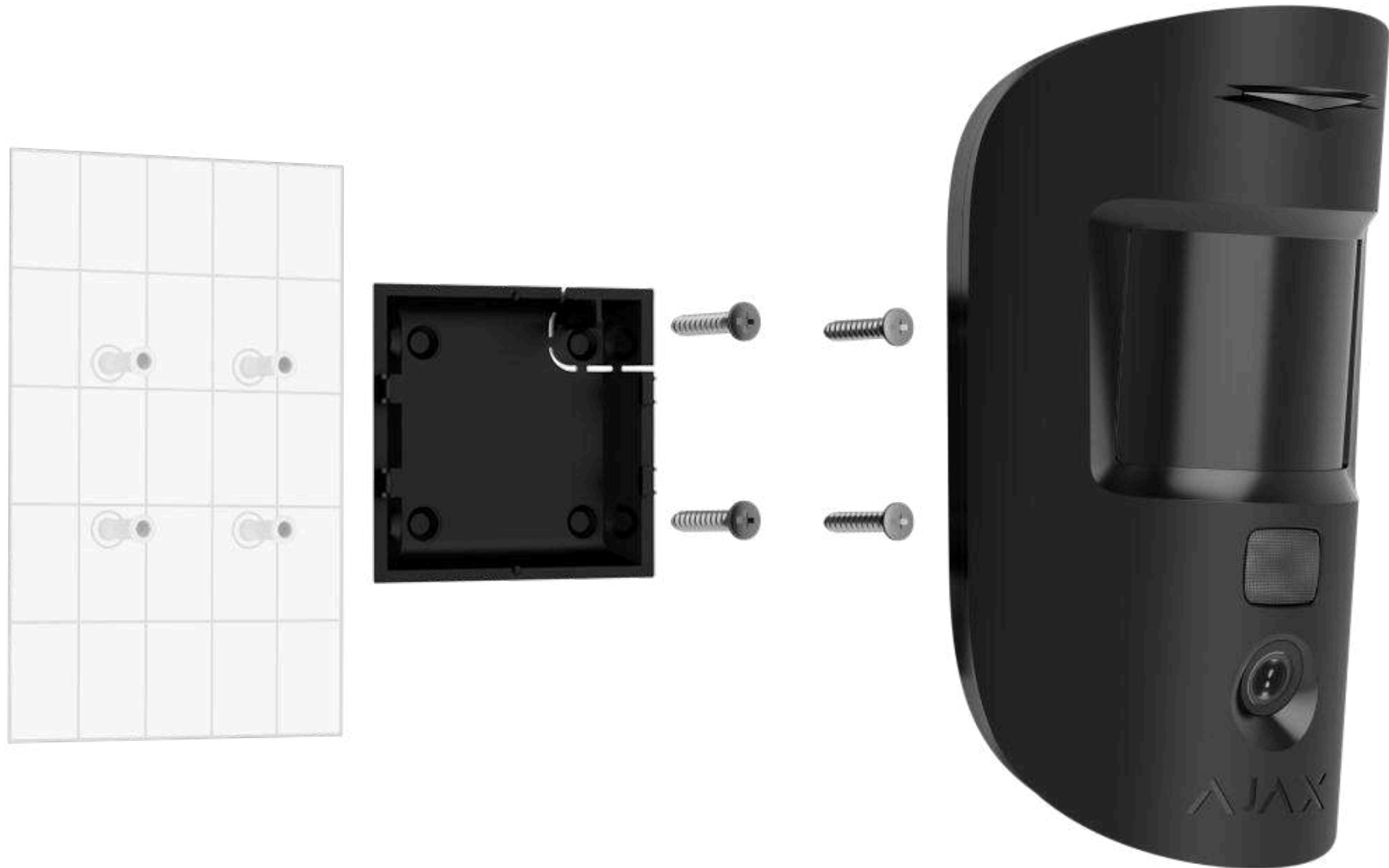
Sabotage protection

- 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.

<div>Compliance with standards</div> <div>EN 50131-2-6 (Grade 2) PD 6662:2017 UL (UL369, ULC S306)</div> <div>Compatibility</div> <div>Hubs Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G)</div> <div>Range extenders ReX 2 Jeweller</div>	<div>Communication with a hub</div> <div>Jeweller and Wings communication technologies</div> <div>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</div> <div>Communication range up to 1,700 m In an open space</div> <div>Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app</div> <div>Protection against spoofing Device authentication</div>	<div>Photo verification</div> <div>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</div> <div>Photos in a series from 1 to 5 pics Adjusted by a PRO or a user with admin rights in the Ajax app</div> <div>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</div>	<div>Motion detection</div> <div>Sensitive element PIR sensor</div> <div>Motion detection distance up to 12 m¹</div> <div>Motion detection angle horizontal — 88.5°</div> <div>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.</div> <div>Temperature compensation</div> <div>IR backlight</div> <div>The HDR² feature</div> <div>Sensitivity 3 levels Adjusted by a PRO or a user with admin rights in the Ajax app</div> <div>Pet immunity weight: up to 20 kg height: up to 50 cm</div>
<div>Power supply</div> <div>Battery 2 × CR123A (pre-installed)</div> <div>Battery life up to 4 years</div>	<div>Installation</div> <div>Recommended installation height 2.4 m</div> <div>Operating temperature range from –10 °C to +40 °C</div> <div>Operating humidity up to 75%</div> <div>Protection class IP50</div>	<div>Enclosure</div> <div>Color white, black</div> <div>Dimensions 110 × 65 × 50 mm</div> <div>Weight 86 g</div>	<div>Complete set</div> <div>MotionCam Jeweller 2 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</div>

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