

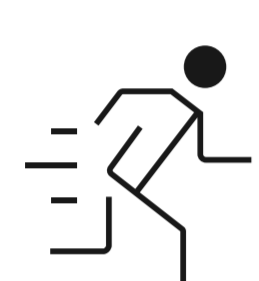
CombiProtect U Jeweller

Wireless PIR motion and glass break detector with a microphone

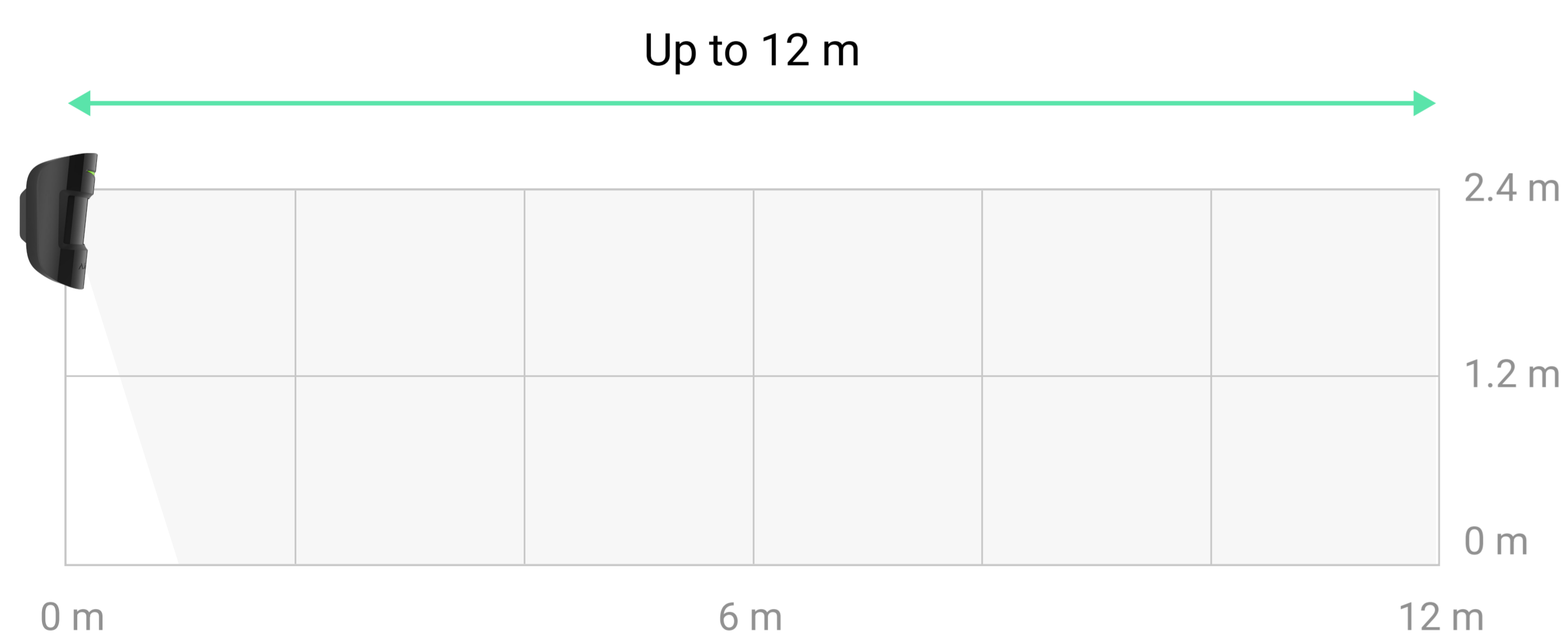
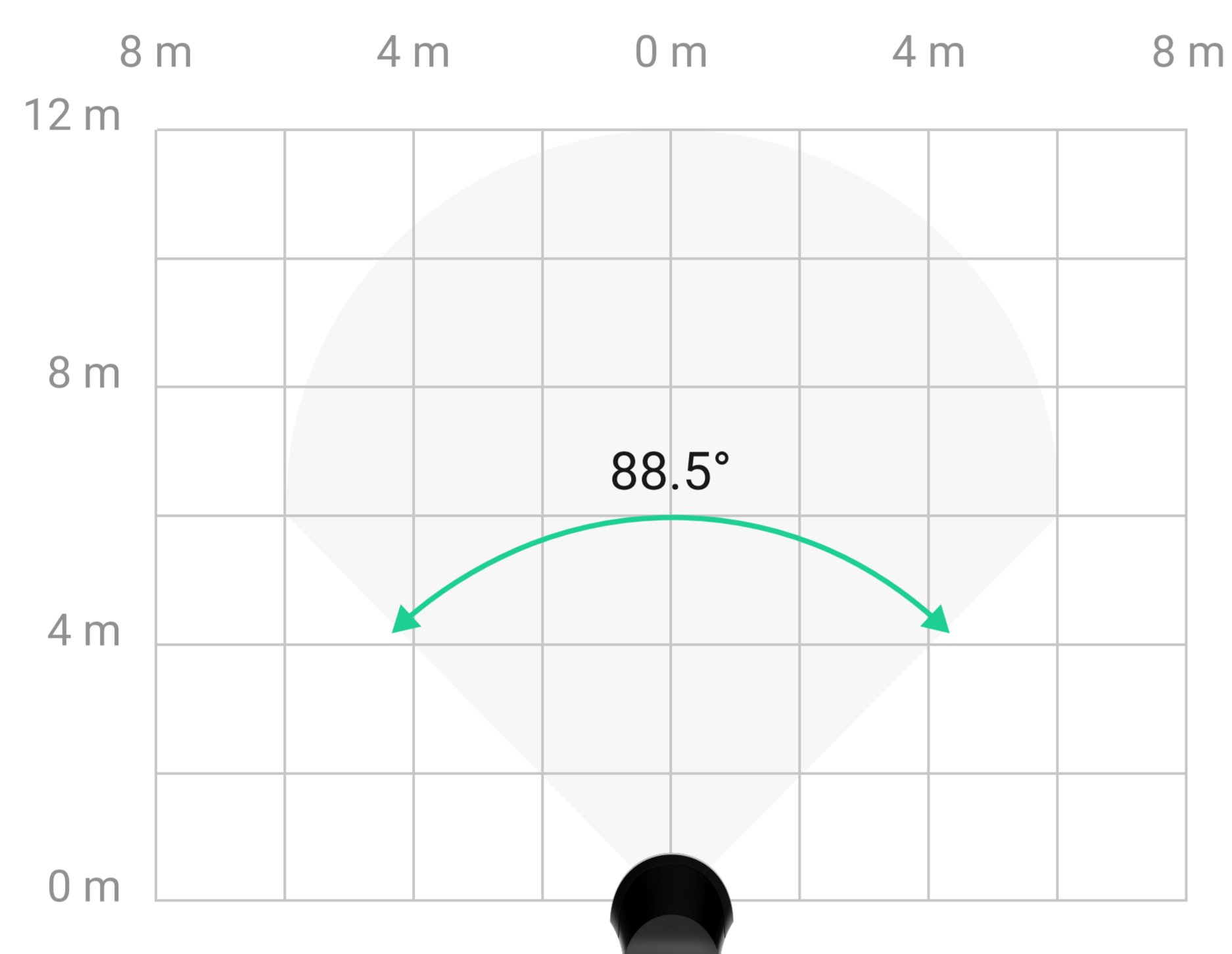


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GRADE
EN 50131

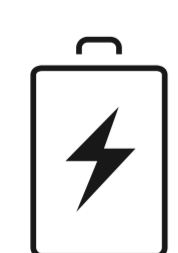
PD 6662
2017



Motion detection

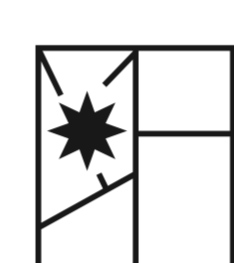


- Up to 12 m of motion detection distance
- Horizontal viewing angle of 88.5°
- SmartDetect algorithm to prevent false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity¹

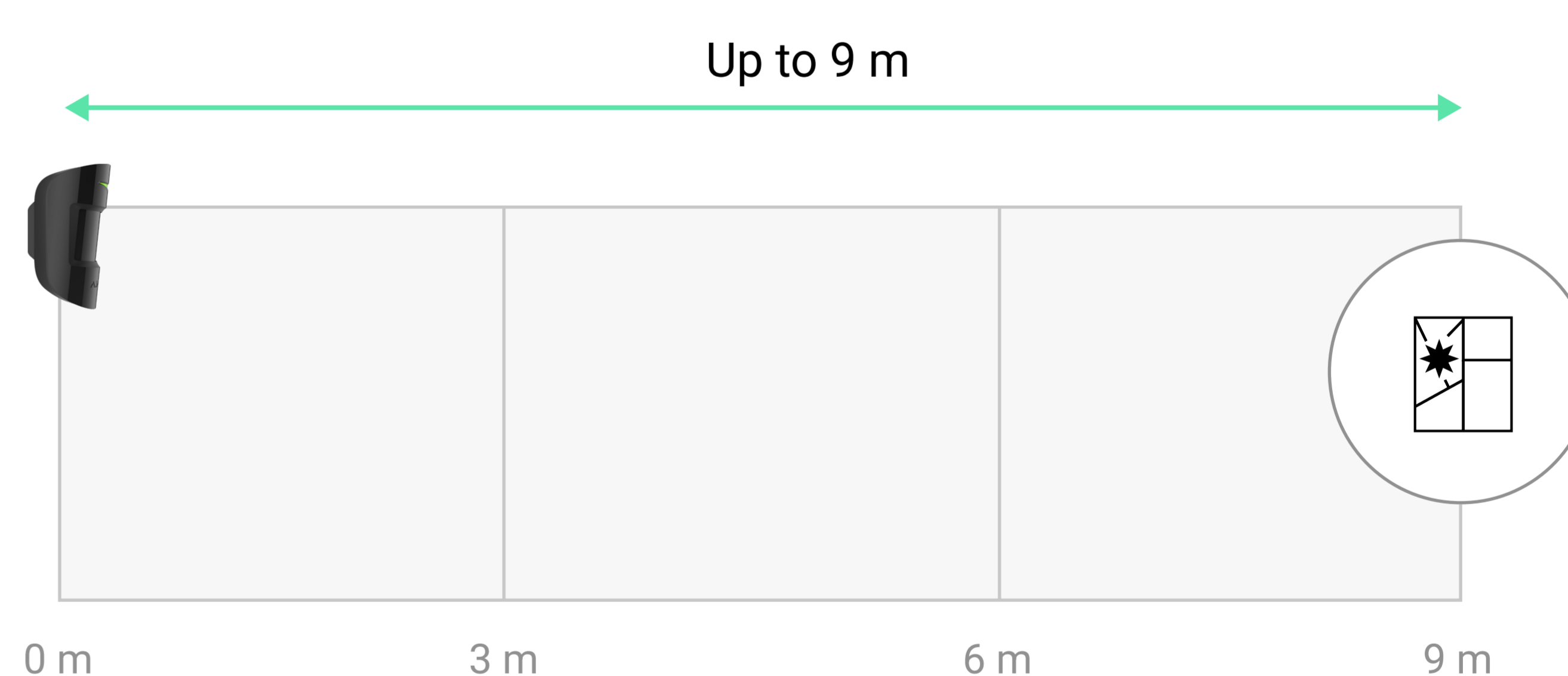
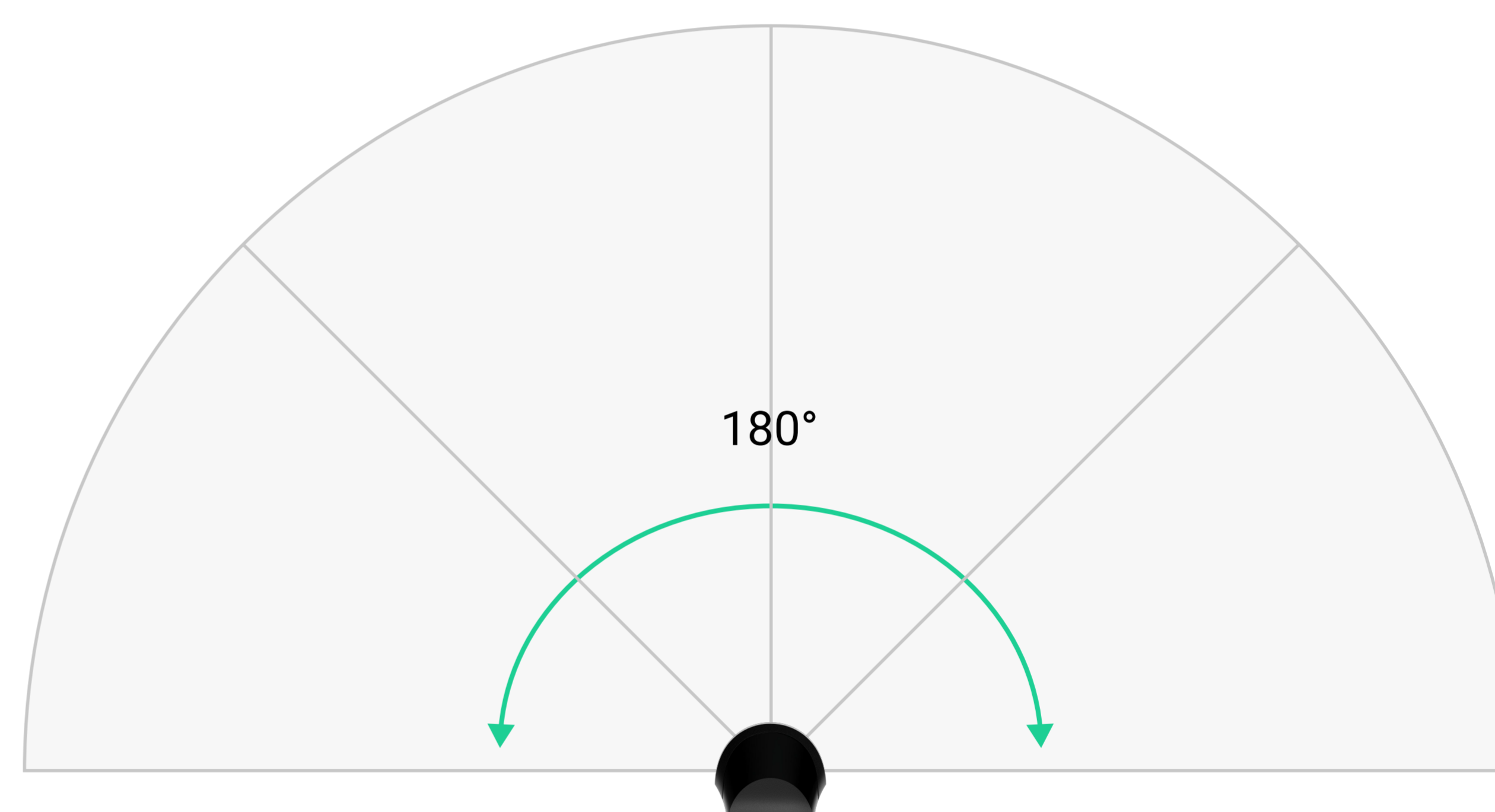


Flawless autonomy

- Up to 4 years of operation on pre-installed batteries
- Low-battery notifications
- High-quality batteries from proven manufacturers



Glass break detection

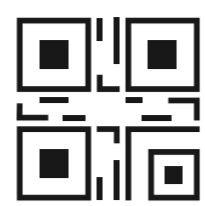
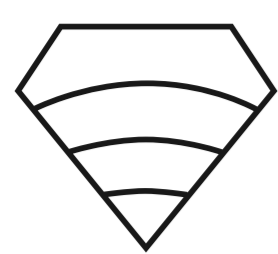


- Up to 9 m of glass break detection distance
- Horizontal detection angle of 180°
- DualTone digital algorithm for glass break verification
- Filter for false alarms caused by dog barking or truck-passing sounds




Sabotage resistance

- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket



- Up to 1,200 m of radio communication between the detector and a hub or range extender in an open space
- Data is encrypted throughout the transmission process
- Regular polling to display current device states
- Frequency hopping to prevent radio interference and jamming

- Pairing with a hub by scanning the QR code
- Installation without disassembling the enclosure
- Remote control and configuration in Ajax apps
- Instant maintenance notifications

<div>Compliance with standards</div> <div>EN 50131-2-2 (Grade 2) PD 6662:2017</div> <div>Compatibility with hubs and range extenders</div> <div>For detailed information, scan the QR code or follow the link:</div> <div></div> <div>ajax.systems/tools/devices-compatibility/?models=CP.S.J-000-EU</div>	<div>Communication with a hub or range extender</div> <div>Jeweller communication technology</div> <div>Frequency bands 868.0–868.6 MHz</div> <div>Communication range up to 1,200 m In an open space</div> <div>Polling interval 12–300 s Adjusted by a PRO or user with admin rights in Ajax apps</div>	<div>Motion detection</div> <div>Sensitive element 1 × PIR sensor</div> <div>Motion detection distance up to 12 m When the detector is installed at a height of 2.4 m</div> <div>Motion detection angle horizontal – 88.5°</div> <div>Pet immunity¹ weight: up to 20 kg height: up to 50 cm</div> <div>Temperature compensation</div>	<div>Glass break detection</div> <div>Sensitive element 1 × electret microphone</div> <div>Glass break detection distance up to 9 m</div> <div>Glass break detection angle horizontal – 180°</div>
<div>Power supply</div> <div>Batteries 1 × CR123A (pre-installed)</div> <div>Battery life up to 5 years</div>	<div>Installation</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 92 g</div> <div>Tamper alarm</div>	<div>Complete set</div> <div>CombiProtect U Jeweller 1 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</div>

¹ When the detector is properly installed and configured.

