

CombiProtect U Jeweller

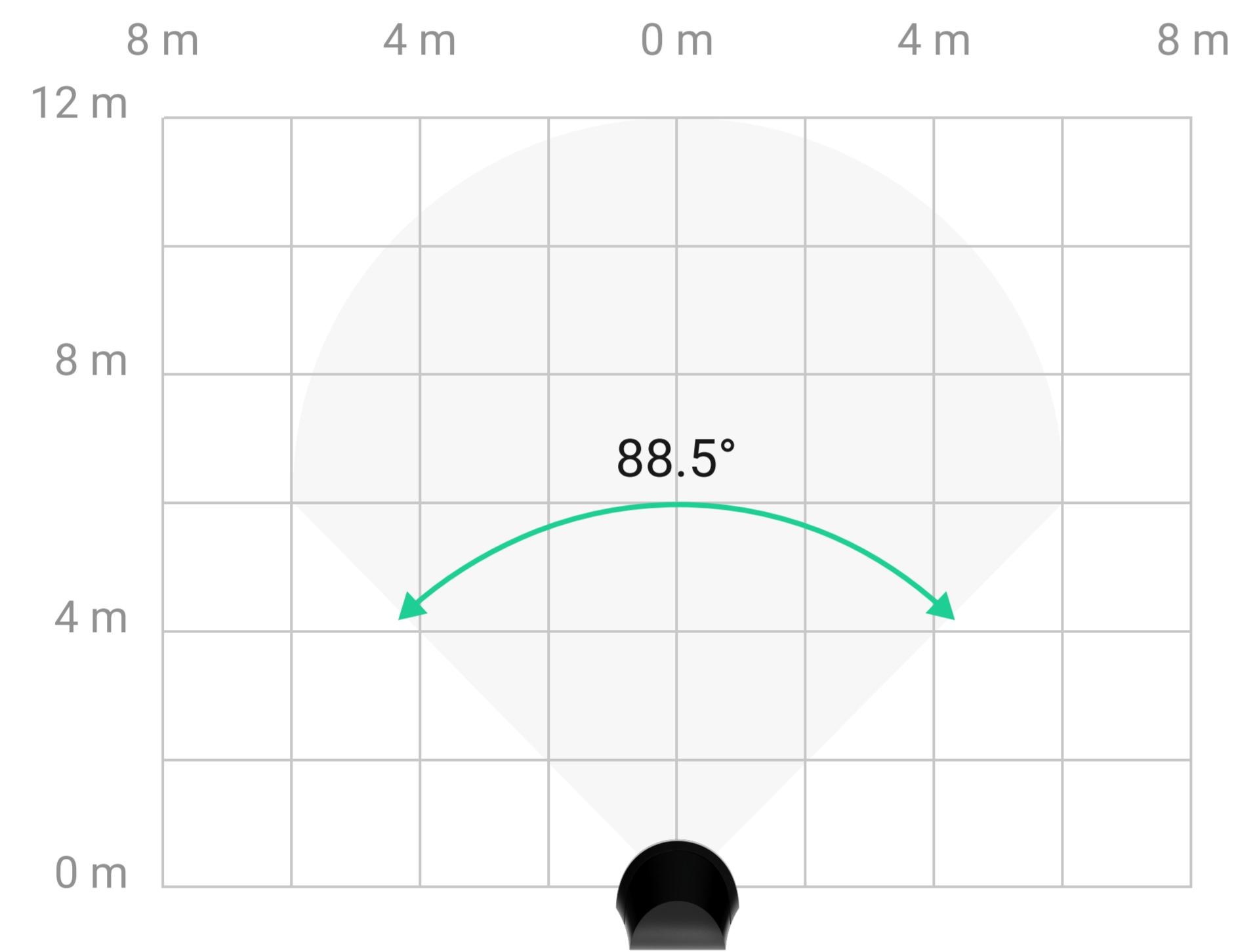
Wireless PIR motion and glass break detector
with a microphone



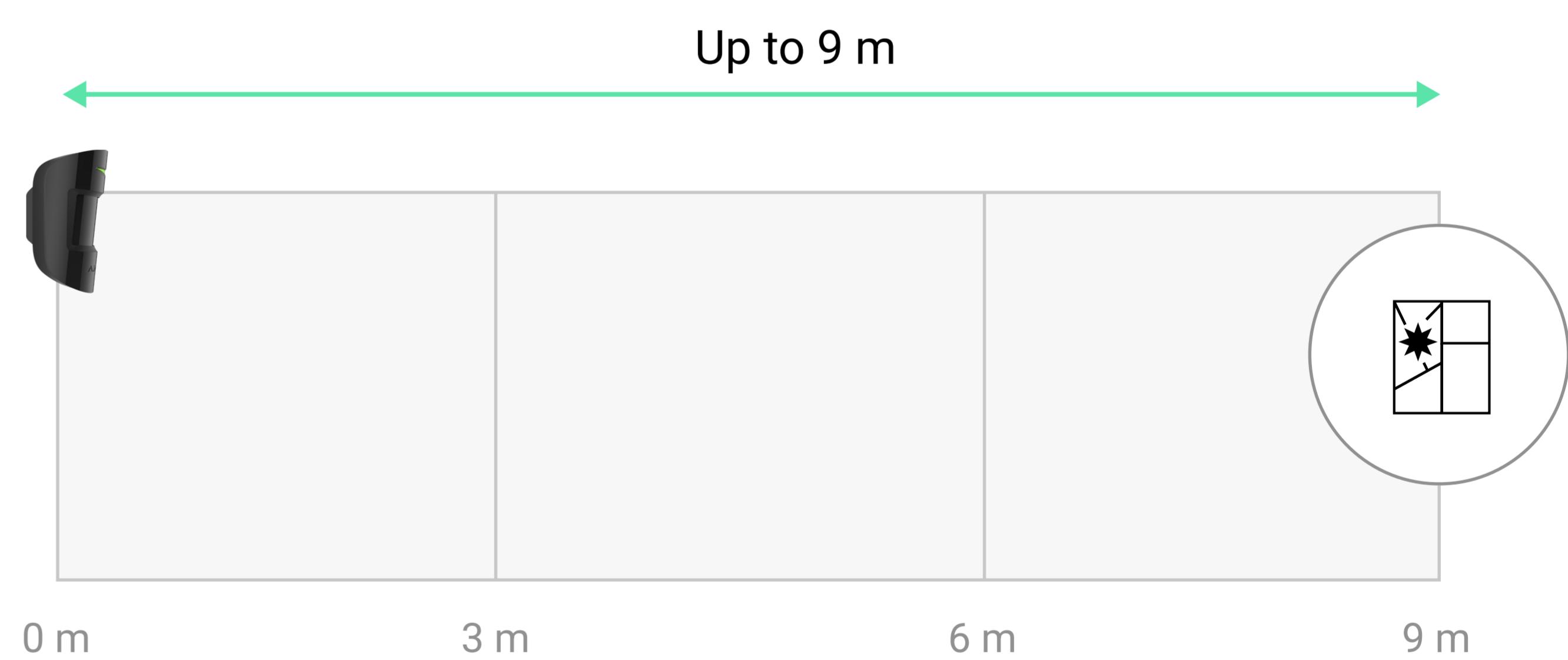
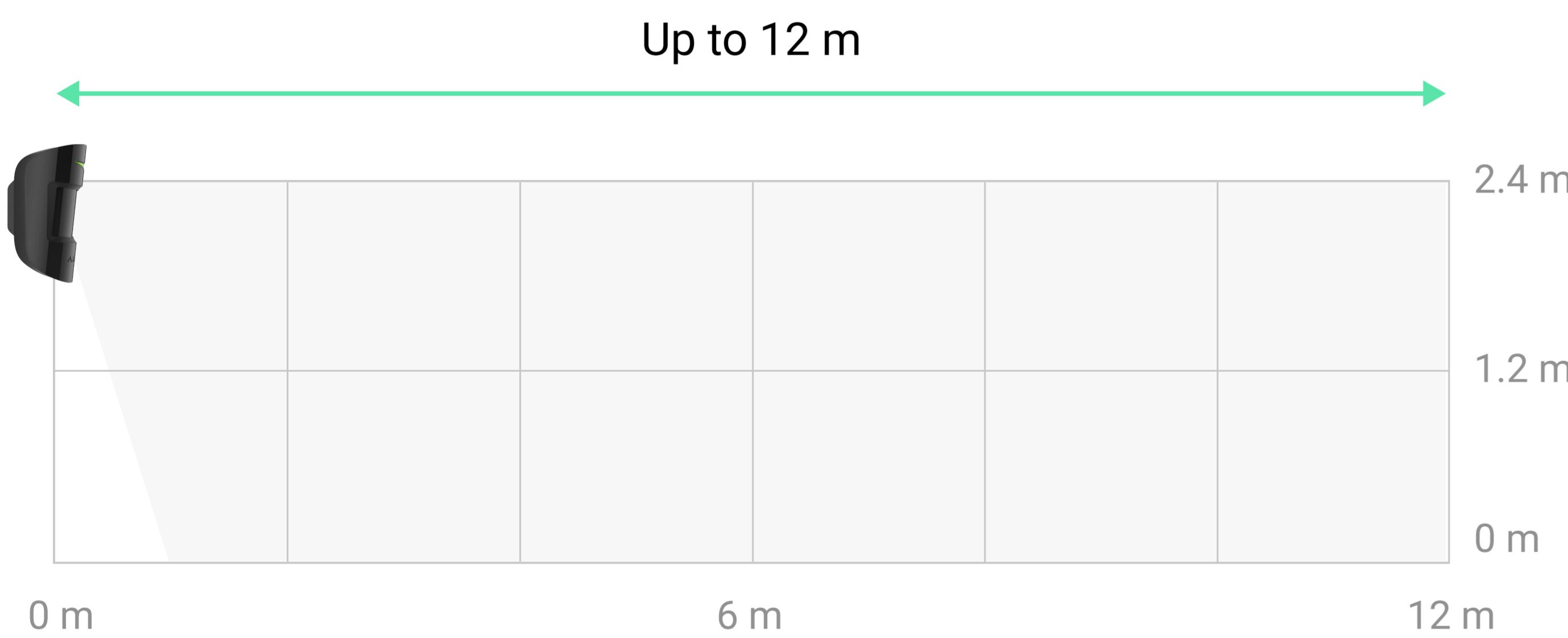
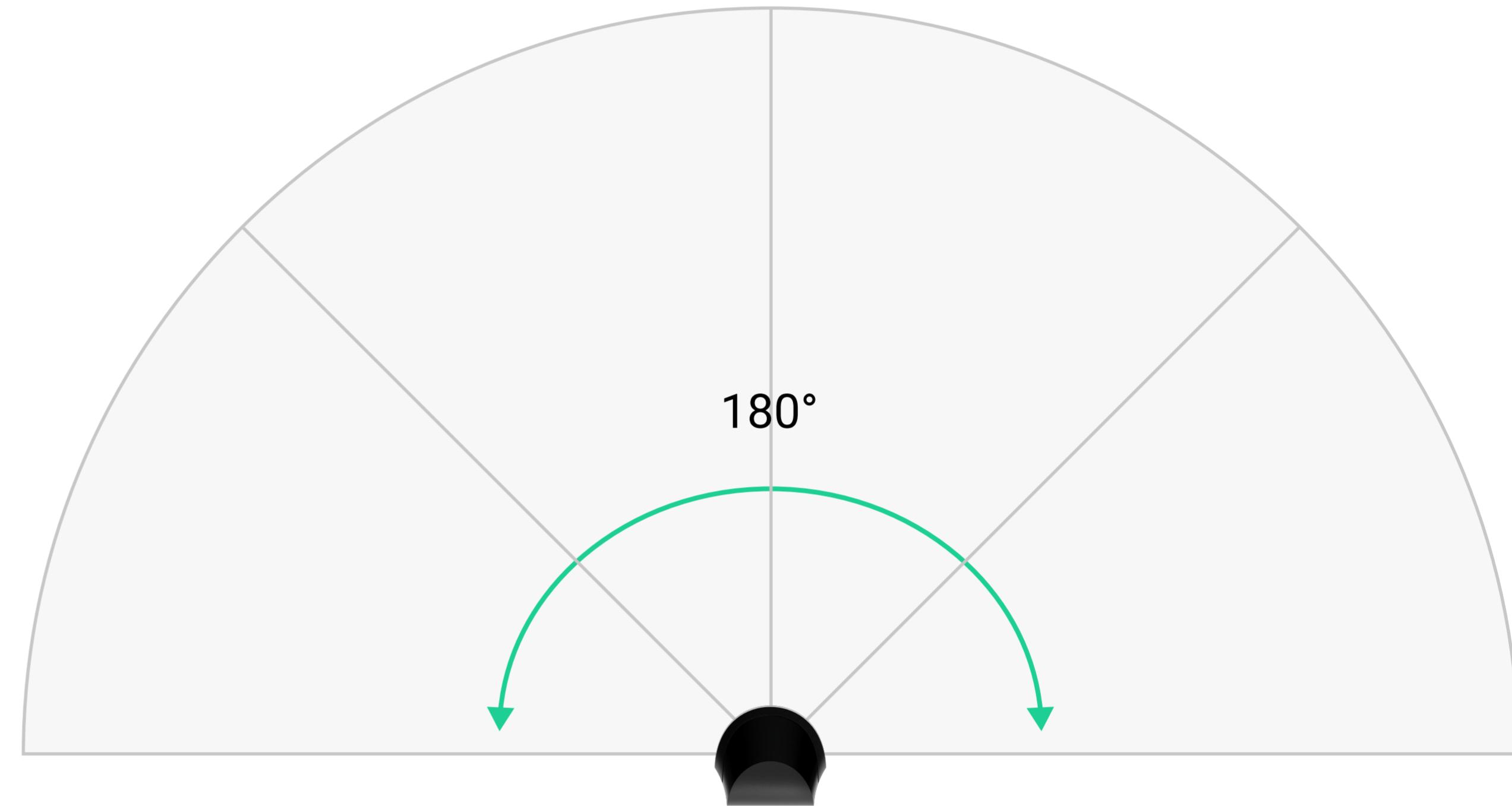
2
GRADE
EN 50131

PD 6662
2017

Motion detection



Glass break 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

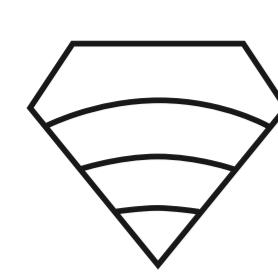
- Up to 9 m of glass break detection distance
- Horizontal detection angle of 180°
- DualTone digital algorithm for glass break verification
- Filter for false alarms caused by dog barking or truck-passing sounds

Flawless autonomy

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

Sabotage resistance

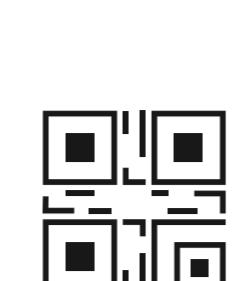
- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket



Jeweller

communication technology

- 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



Quick installation and easy maintenance

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

Compliance with standards	Communication with a hub or range extender	Motion detection	Glass break detection
EN 50131-2-2 (Grade 2) PD 6662:2017	Jeweller communication technology	Sensitive element 1 × PIR sensor	Sensitive element 1 × electret microphone
Compatibility with hubs and range extenders For detailed information, scan the QR code or follow the link:	<p>Frequency bands 868.0–868.6 MHz</p> <p>Communication range up to 1,200 m In an open space</p> <p>Polling interval 12–300 s Adjusted by a PRO or user with admin rights in Ajax apps</p>	<p>Motion detection distance up to 12 m When the detector is installed at a height of 2.4 m</p> <p>Motion detection angle horizontal – 88.5°</p> <p>Pet immunity¹ weight: up to 20 kg height: up to 50 cm</p> <p>Temperature compensation</p>	<p>Glass break detection distance up to 9 m</p> <p>Glass break detection angle horizontal – 180°</p>
Power supply Batteries 1 × CR123A (pre-installed) Battery life up to 5 years	<p>Installation</p> <p>Operating temperature range from –10 °C to +40 °C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 110 × 65 × 50 mm</p> <p>Weight 92 g</p> <p>Tamper alarm</p>	<p>Complete set</p> <p>CombiProtect U Jeweller 1 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide</p>

¹ When the detector is properly installed and configured.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/combiprotect-u-jeweller

 support@ajax.systems
 @AjaxSystemsSupport_Bot
 ajax.systems