

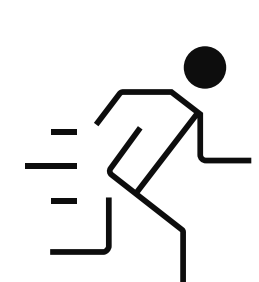
# CombiProtect U Jeweller

Wireless PIR motion and glass break detector with a microphone

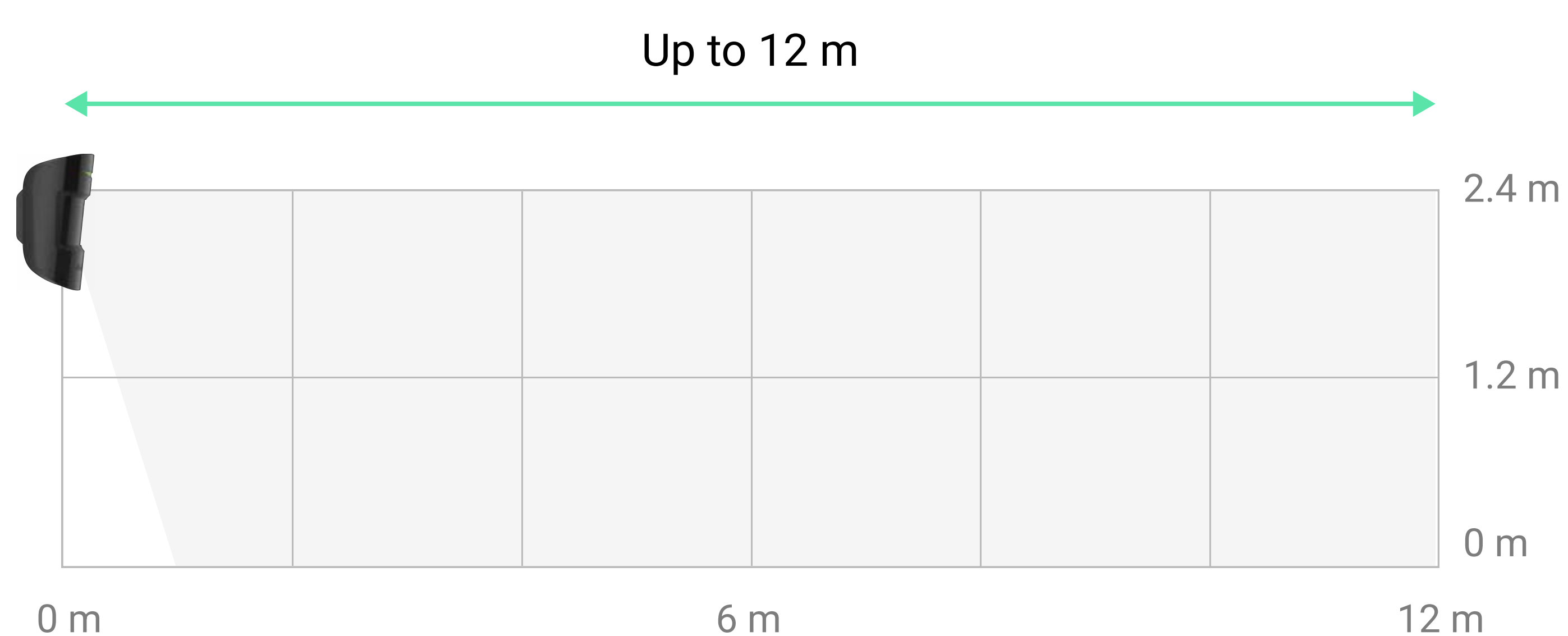
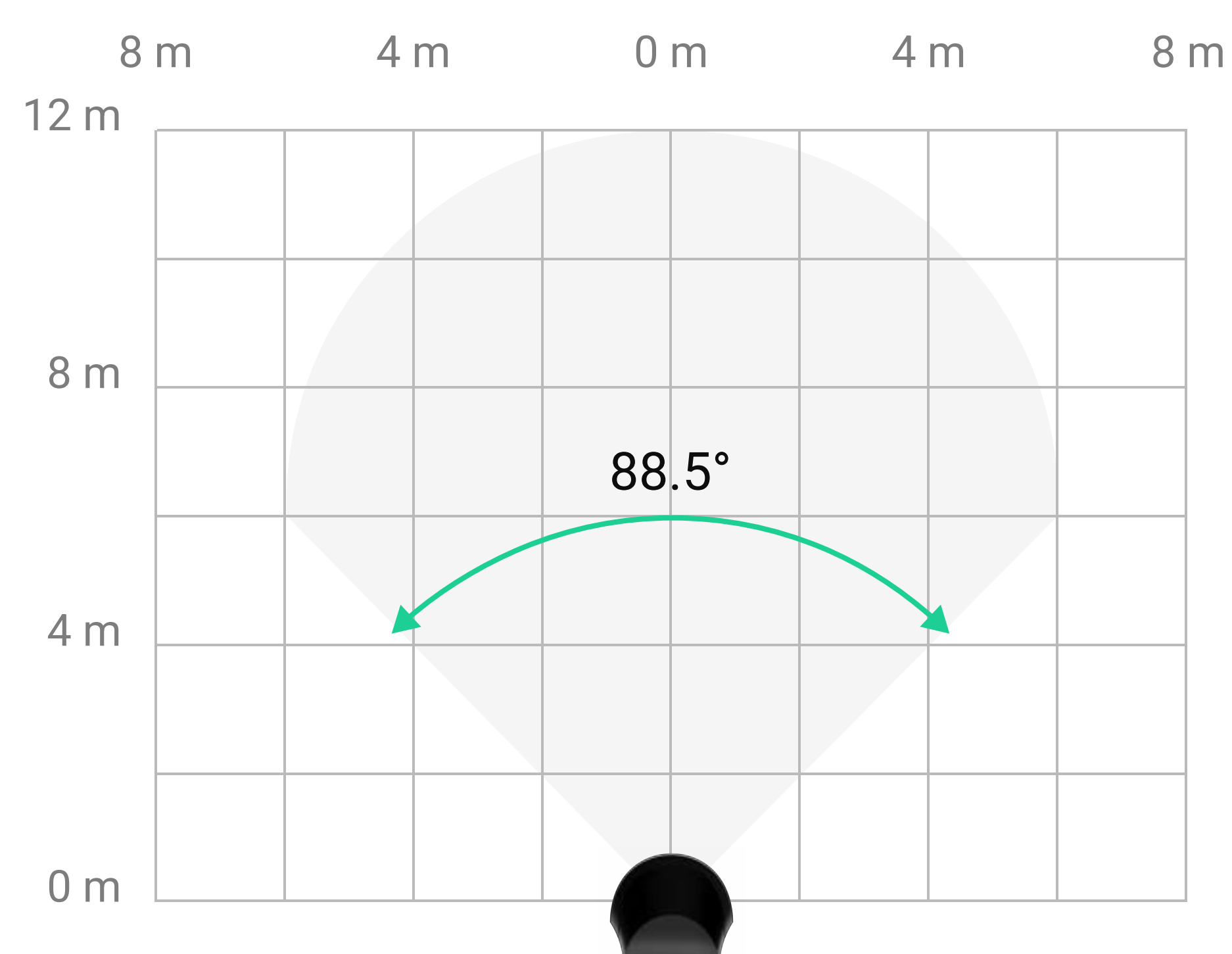


2  
GRADE  
EN 50131

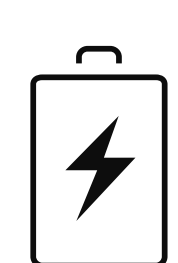
PD 6662  
2017



## Motion detection

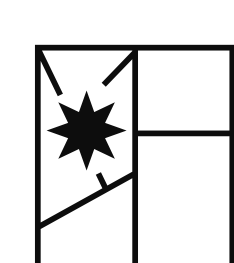


- Up to 12 m of motion detection distance
- Horizontal viewing angle of 88.5°
- SmartDetect algorithm to prevent false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity<sup>1</sup>

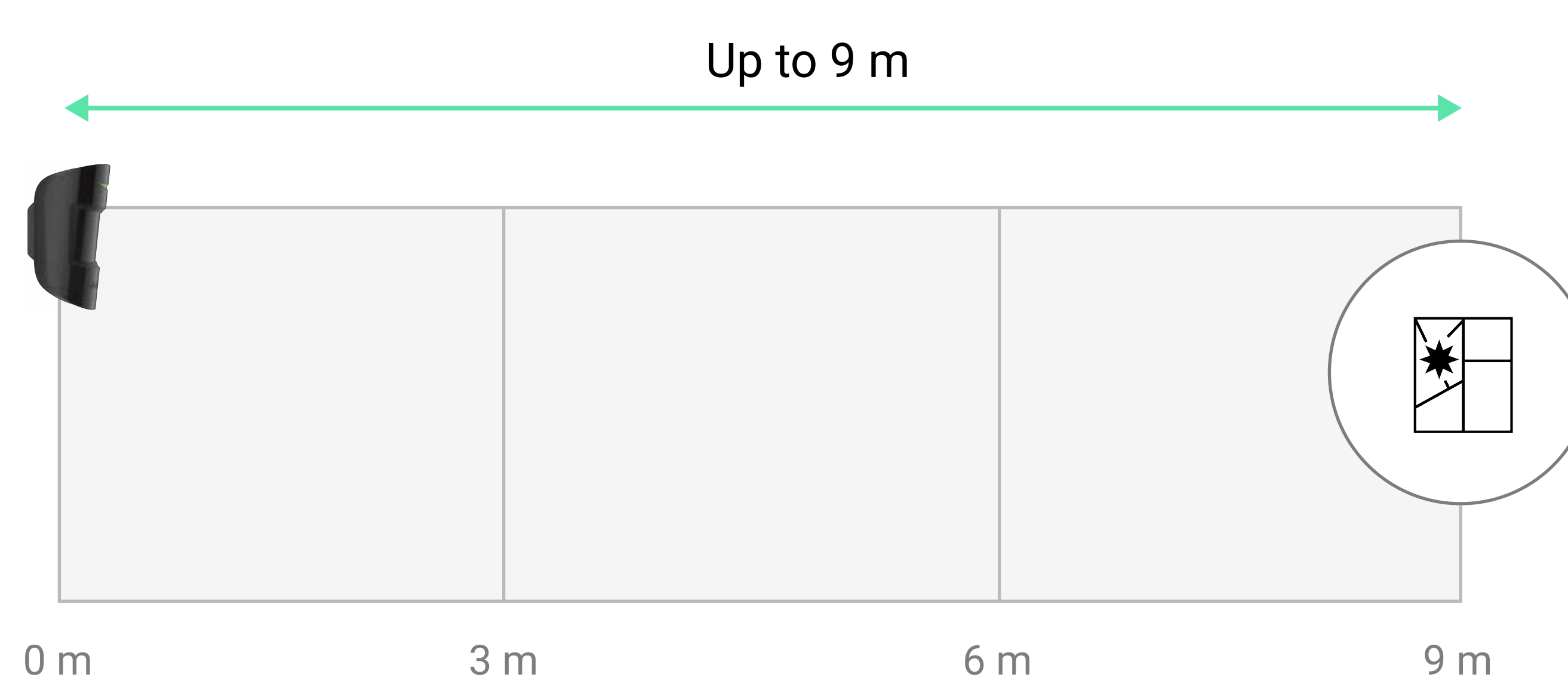
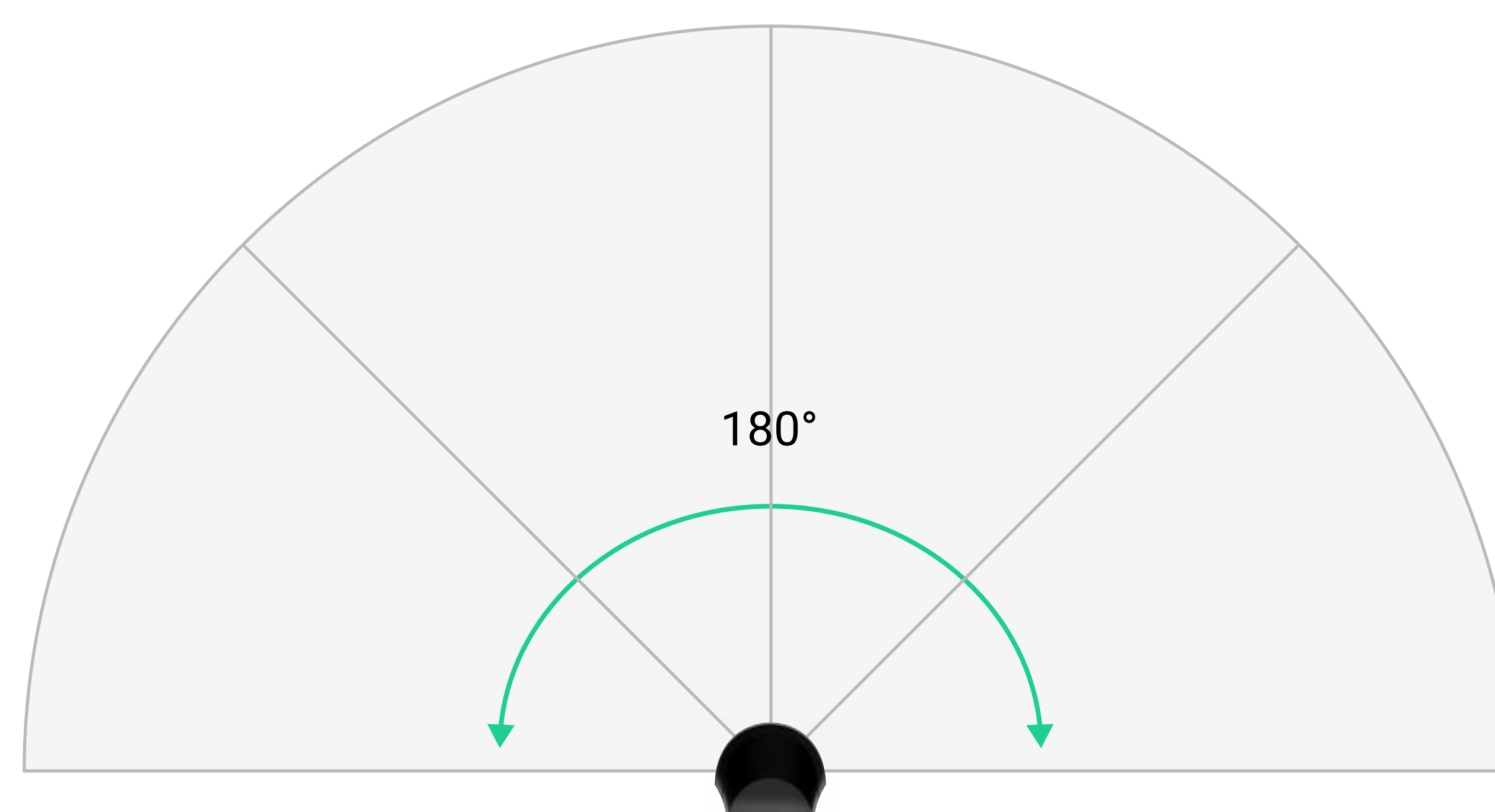


## Flawless autonomy

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



## Glass break detection

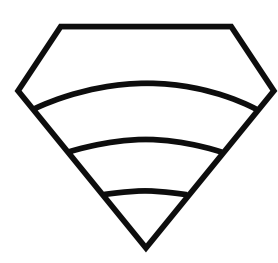


- Up to 9 m of glass break detection distance
- Horizontal detection angle of 180°
- DualTone digital algorithm for glass break verification
- Filter for false alarms caused by dog barking or truck-passing sounds



## Sabotage resistance

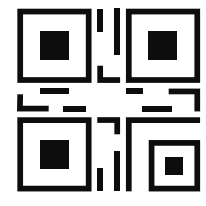
- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket



# 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

<b>Compliance with standards</b>  EN 50131-2-2 (Grade 2) PD 6662:2017  <b>Compatibility with hubs and range extenders</b>  For detailed information, scan the QR code or follow the link:    <a href="https://ajax.systems/tools/devices-compatibility/?models=CP.S.J-000-EU">ajax.systems/tools/devices-compatibility/?models=CP.S.J-000-EU</a>	<b>Communication with a hub or range extender</b>  Jeweller communication technology  Frequency bands 868.0–868.6 MHz  Communication range up to 1,200 m In an open space  Polling interval 12–300 s Adjusted by a PRO or user with admin rights in Ajax apps	<b>Motion detection</b>  Sensitive element 1 × PIR sensor  Motion detection distance up to 12 m When the detector is installed at a height of 2.4 m  Motion detection angle horizontal – 88.5°  Pet immunity <sup>1</sup> weight: up to 20 kg height: up to 50 cm  Temperature compensation	<b>Glass break detection</b>  Sensitive element 1 × electret microphone  Glass break detection distance up to 9 m  Glass break detection angle horizontal – 180°
<b>Power supply</b>  Batteries 1 × CR123A (pre-installed)  Battery life up to 5 years	<b>Installation</b>  Operating temperature range from –10 °C to +40 °C  Operating humidity up to 75%  Protection class IP50	<b>Enclosure</b>  Color white, black  Dimensions 110 × 65 × 50 mm  Weight 92 g  Tamper alarm	<b>Complete set</b>  CombiProtect U Jeweller 1 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

<sup>1</sup> 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](https://ajax.systems/support/devices/combiprotect-u-jeweller)

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