

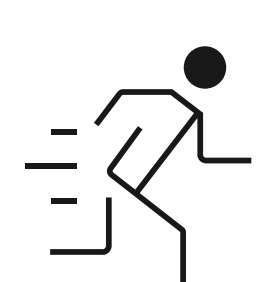
CombiProtect U Jeweller

Wireless PIR motion and glass break detector with a microphone

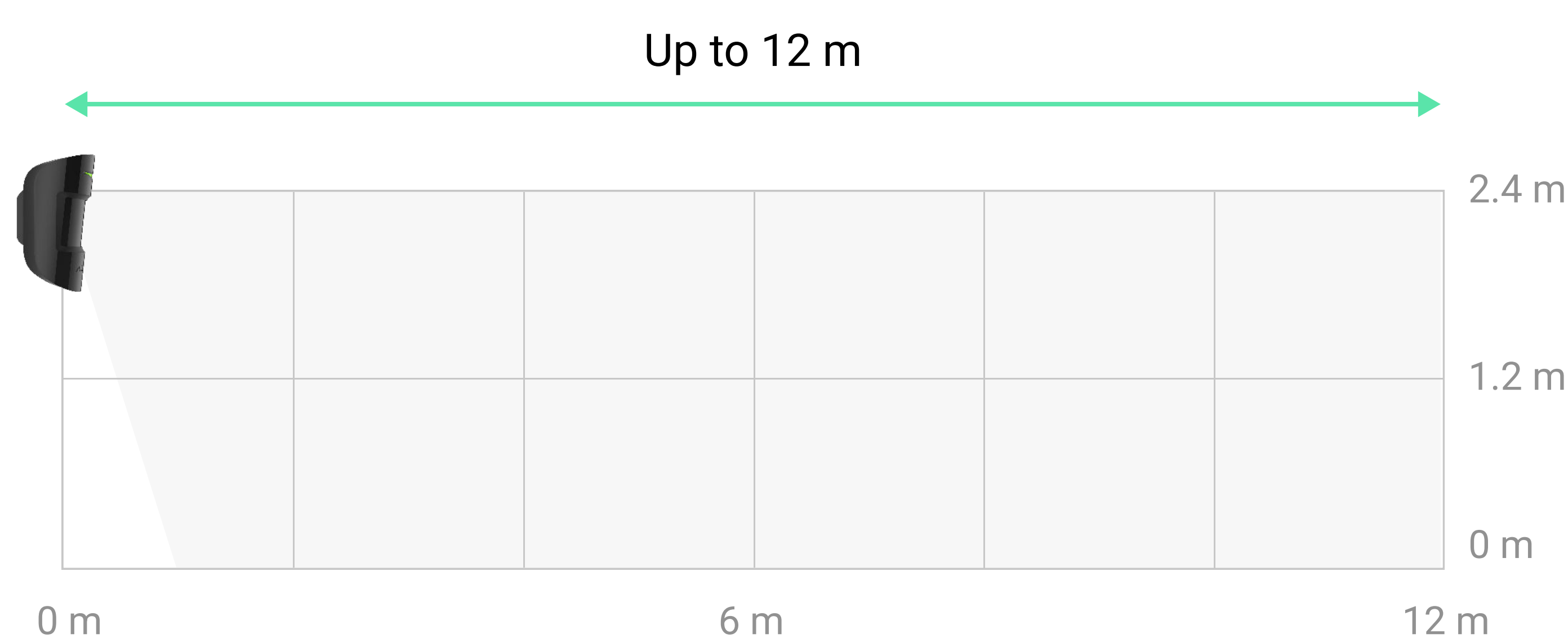
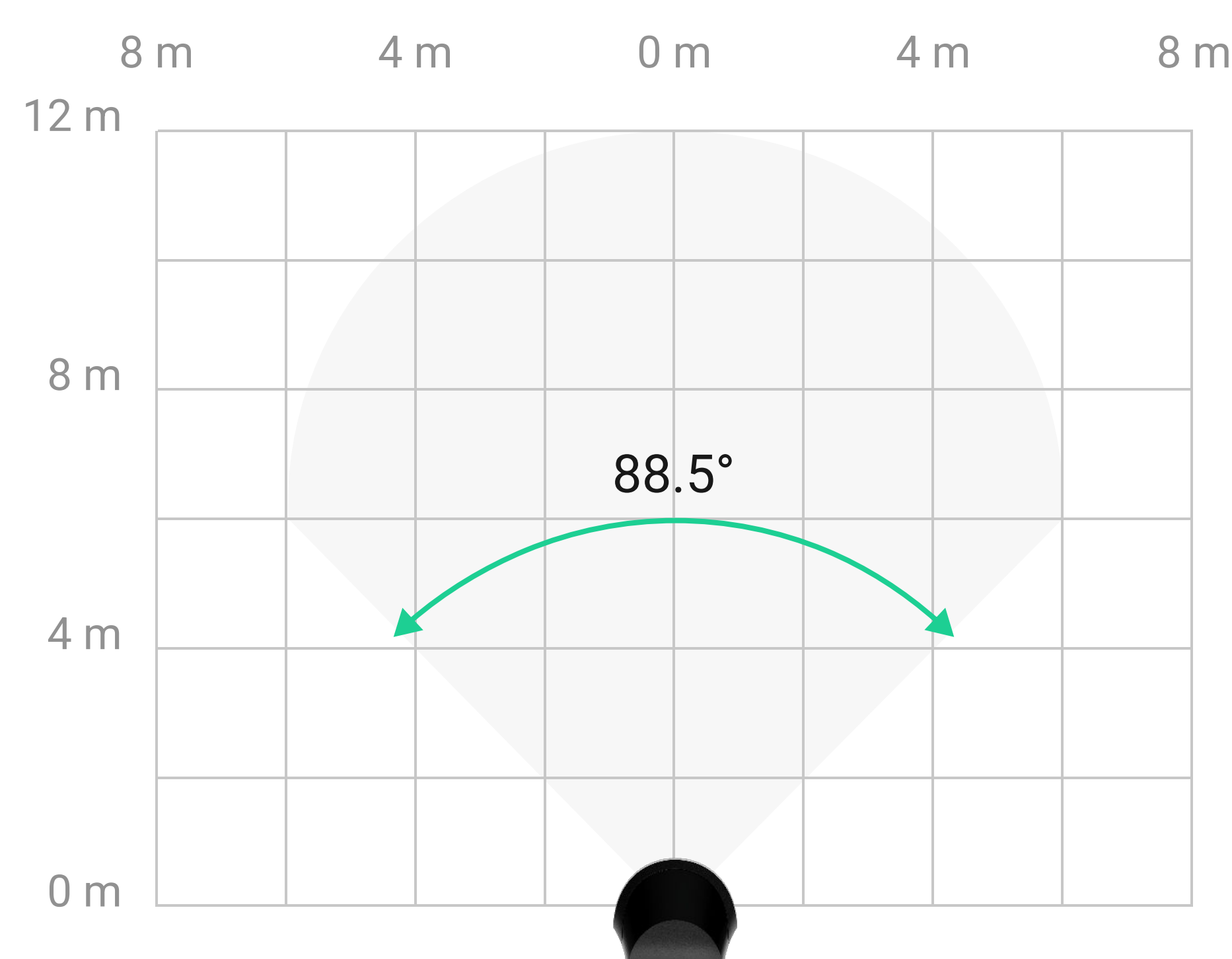


2
GRADE
EN 50131

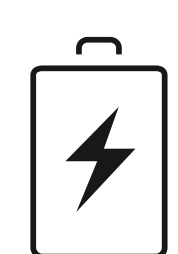
PD 6662
2017



Motion detection

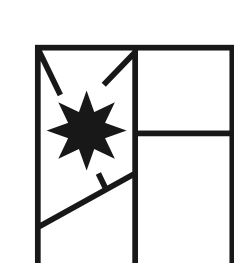


- Up to 12 m of motion detection distance
- Horizontal viewing angle of 88.5°
- SmartDetect algorithm to prevent false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity¹

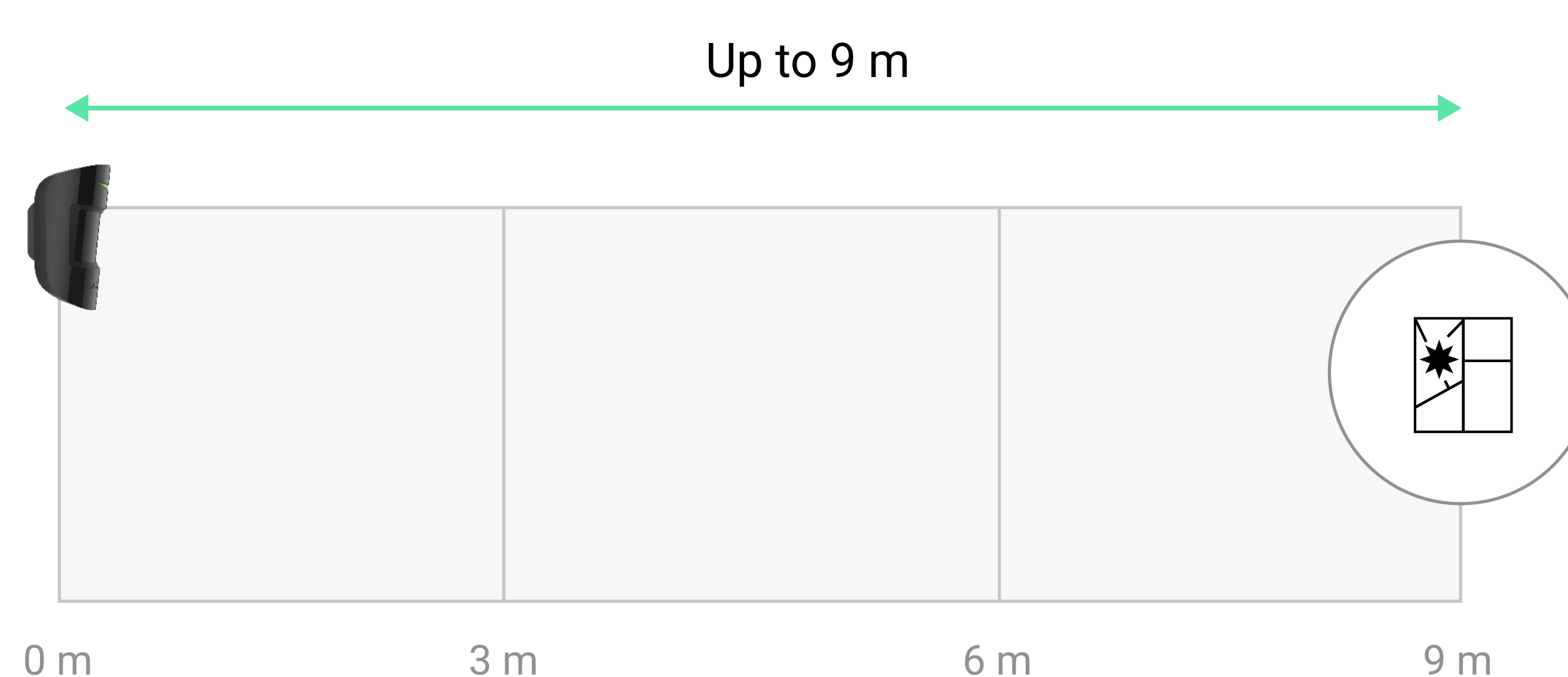
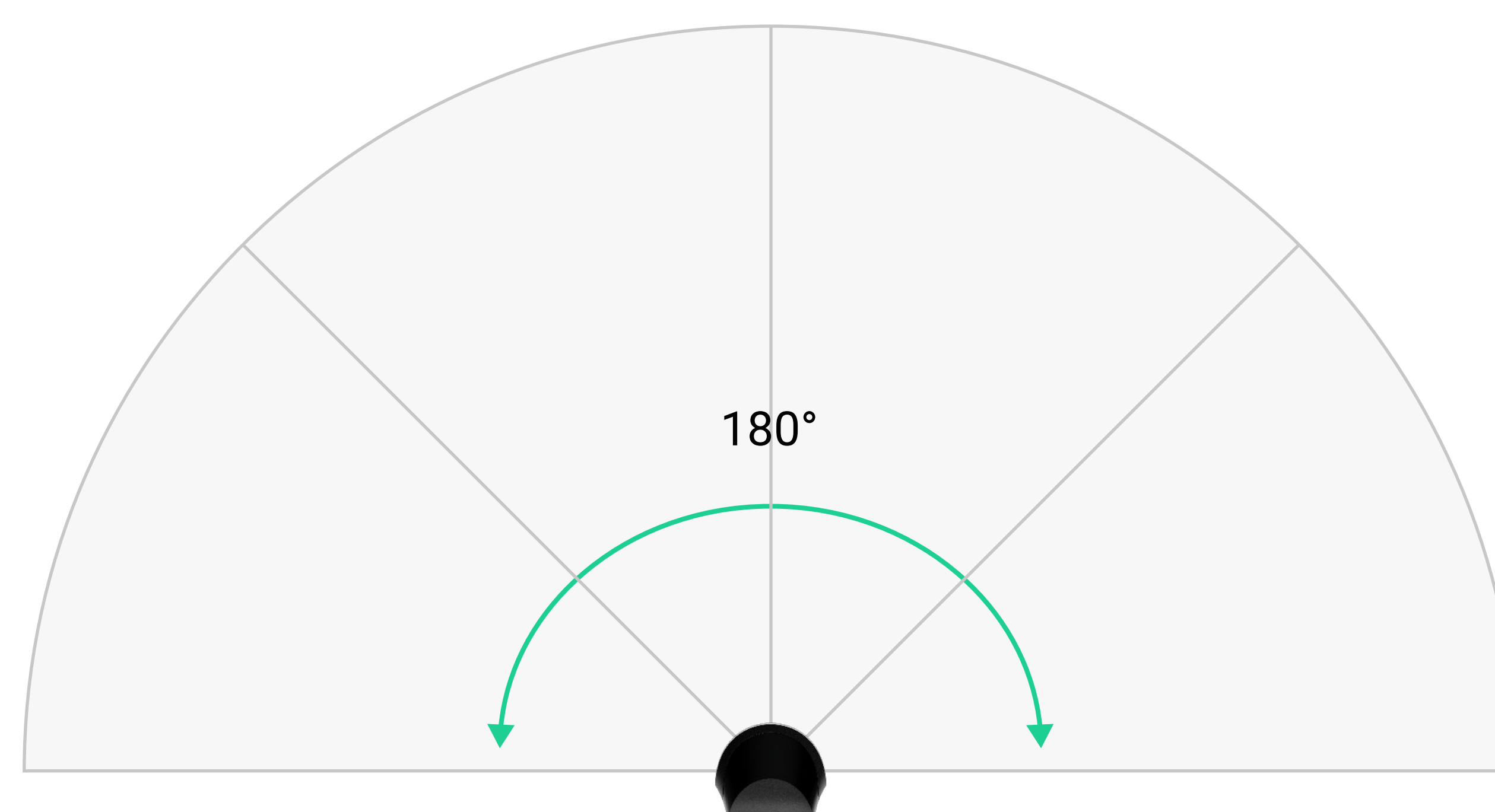


Flawless autonomy

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



Glass break detection

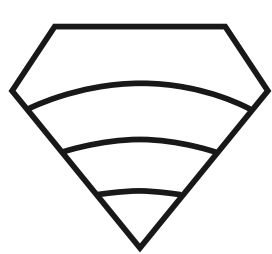


- Up to 9 m of glass break detection distance
- Horizontal detection angle of 180°
- DualTone digital algorithm for glass break verification
- Filter for false alarms caused by dog barking or truck-passing sounds



Sabotage resistance

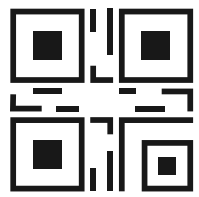
- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket



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 EN 50131-2-2 (Grade 2) PD 6662:2017 Compatibility with hubs and range extenders For detailed information, scan the QR code or follow the link:  ajax.systems/tools/devices-compatibility/?models=CP.S.J-000-EU	Communication with a hub or range extender 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	Motion detection 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 ¹ weight: up to 20 kg height: up to 50 cm Temperature compensation	Glass break detection Sensitive element 1 × electret microphone Glass break detection distance up to 9 m Glass break detection angle horizontal – 180°
Power supply Batteries 1 × CR123A (pre-installed) Battery life up to 5 years	Installation 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 92 g Tamper alarm	Complete set CombiProtect U Jeweller 1 × CR123A battery (pre-installed) SmartBracket mounting panel Installation kit Quick start guide

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