

## CombiProtect U Jeweller

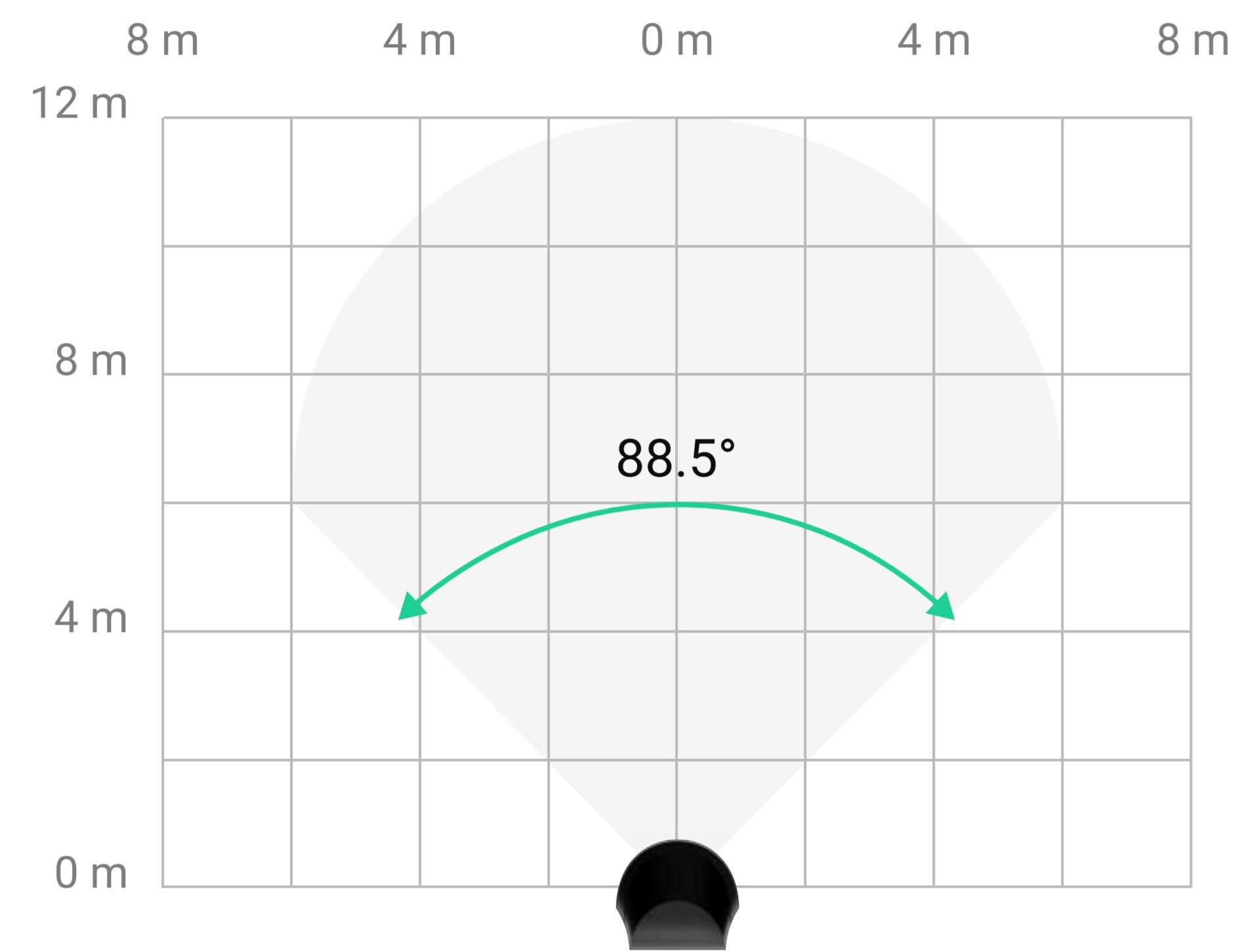
Wireless PIR motion and glass break detector  
with a microphone



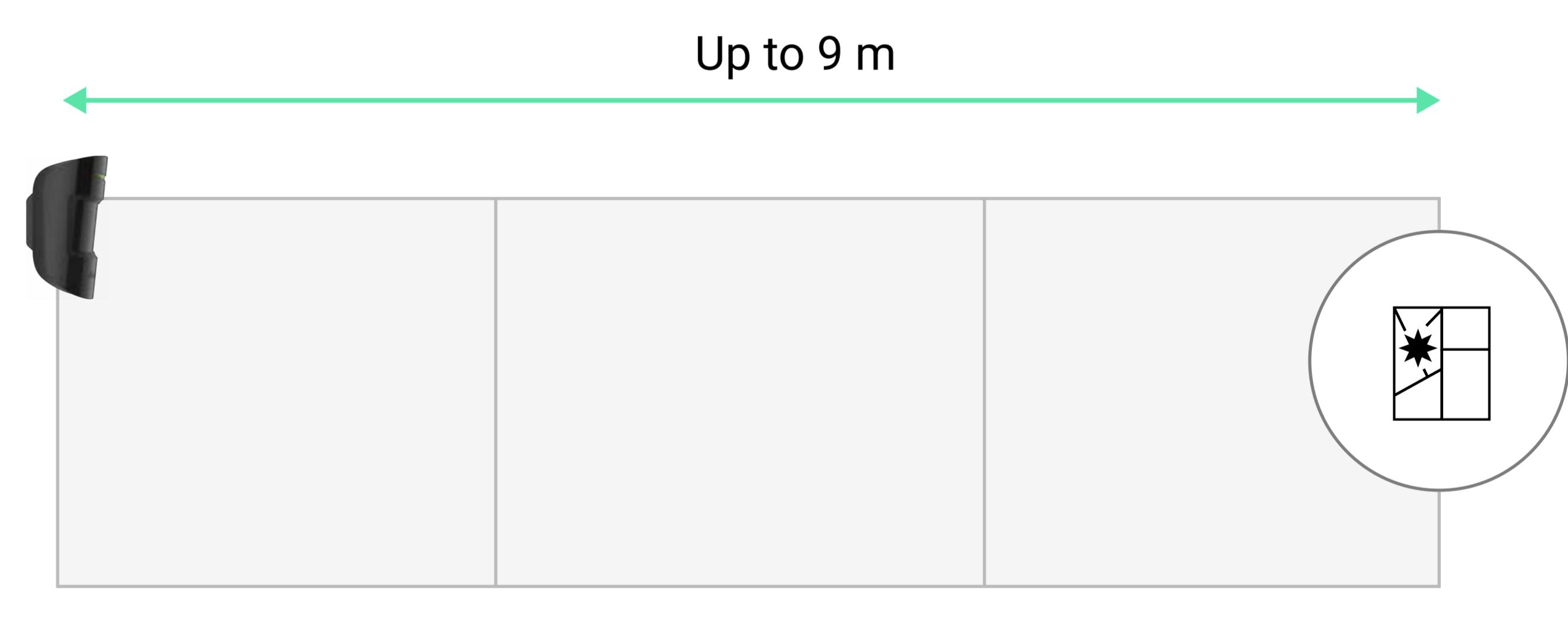
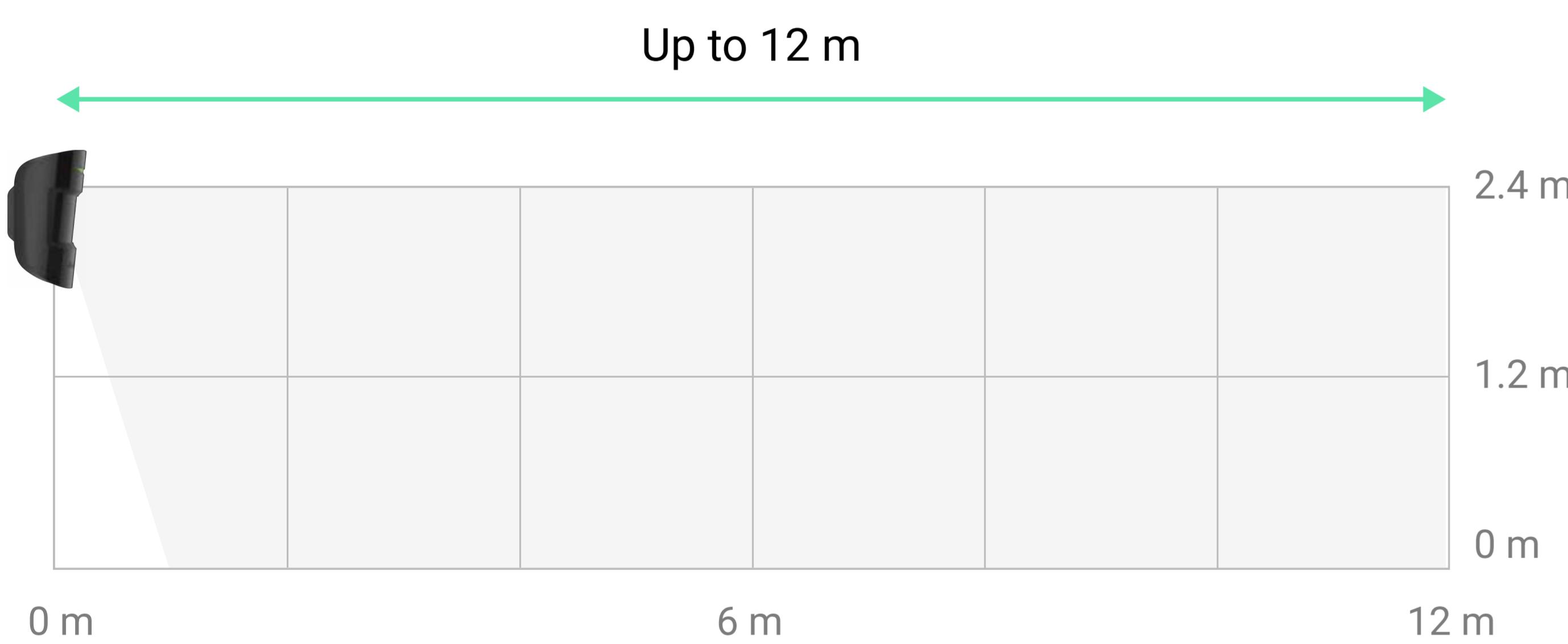
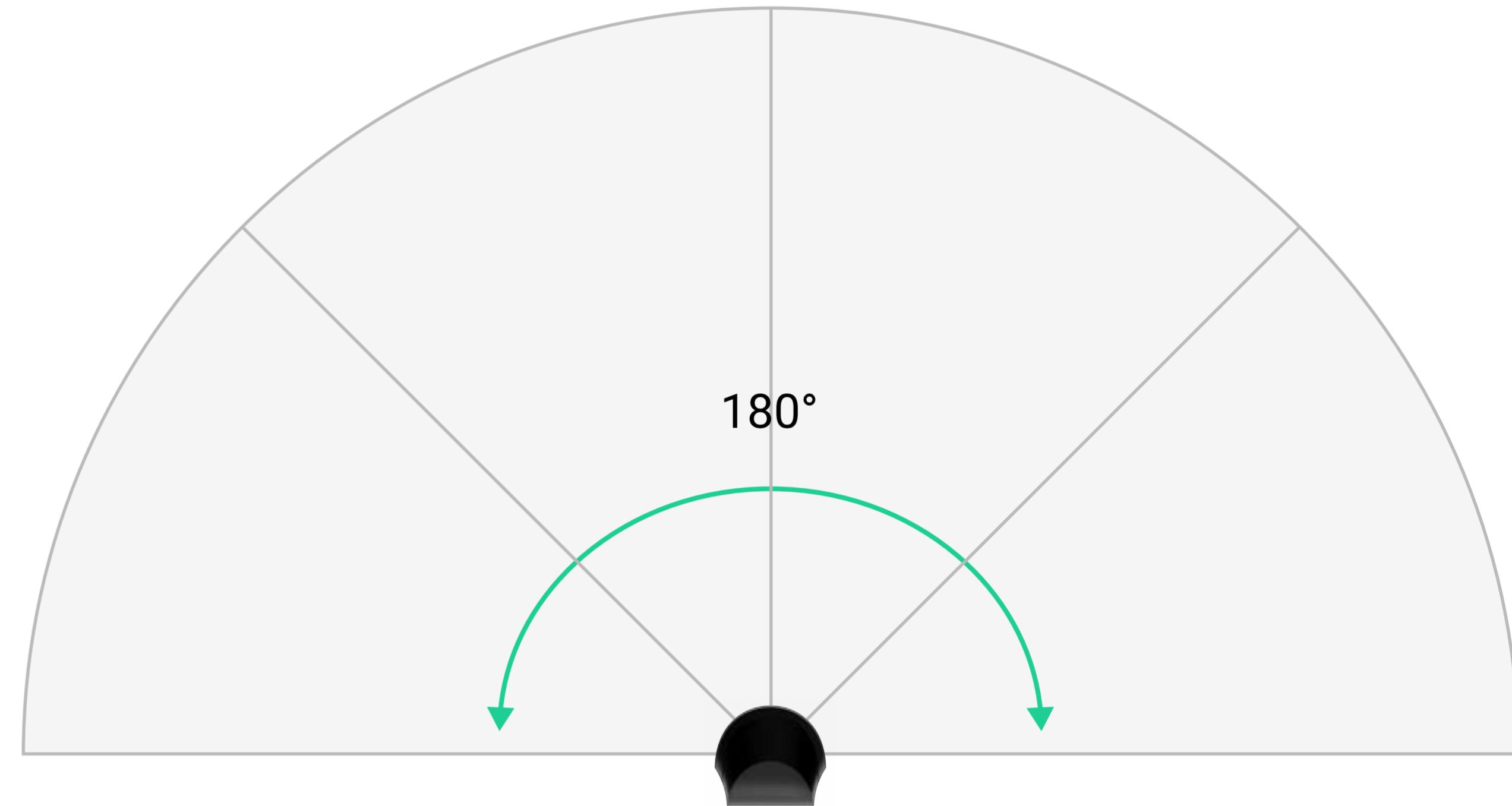
2  
GRADE  
EN 50131

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 immunity<sup>1</sup>

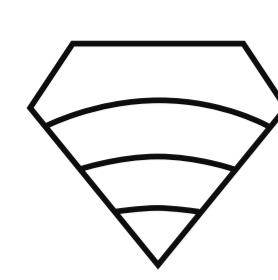
- Up to 9 m of glass break detection distance
- Horizontal detection angle of 180°
- DualTone digital algorithm for glass break verification
- Filter for false alarms caused by dog barking or truck-passing sounds

### Flawless autonomy

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

### Sabotage resistance

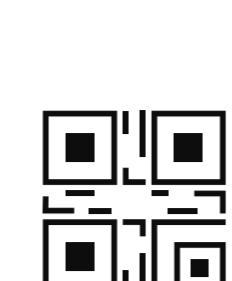
- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket



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

<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](http://ajax.systems/support/devices/combiprotect-u-jeweller)

 support@ajax.systems  
 @AjaxSystemsSupport\_Bot  
 ajax.systems