

GlassProtect Jeweller

Wireless indoor glass break detector.



An Ajax hub is required for operation. Find the detailed information on the device at the link:

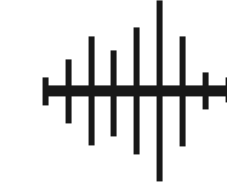
ajax.systems/support/devices/glassprotect/



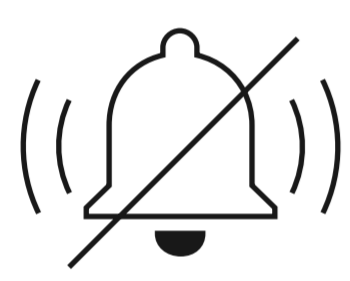
Key features



Up to 9 m glass break detection distance with 180° horizontal detection angle



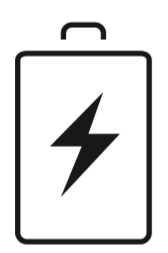
Two-factor glass break verification algorithm: by low and high frequencies



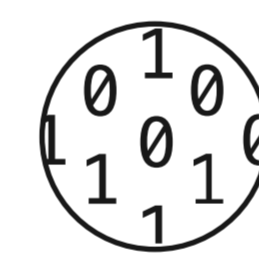
Filter for false alarms caused by dogs barking or the sound of passing trucks



Additional NC input for connecting a third-party detector



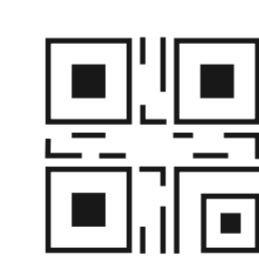
Up to 7 years of operation on pre-installed battery



Up to 1,000 m of two-way encrypted wireless communication

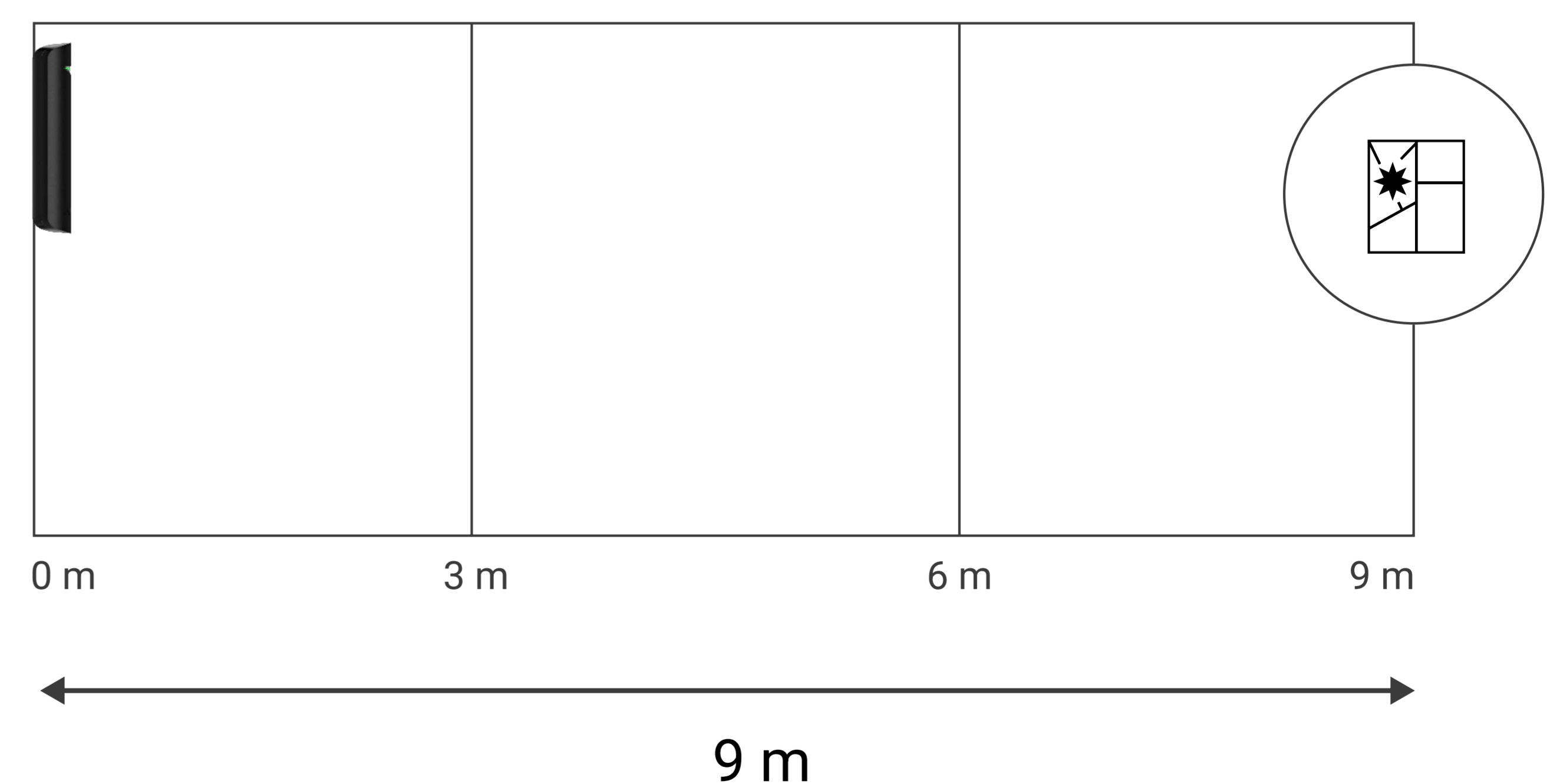
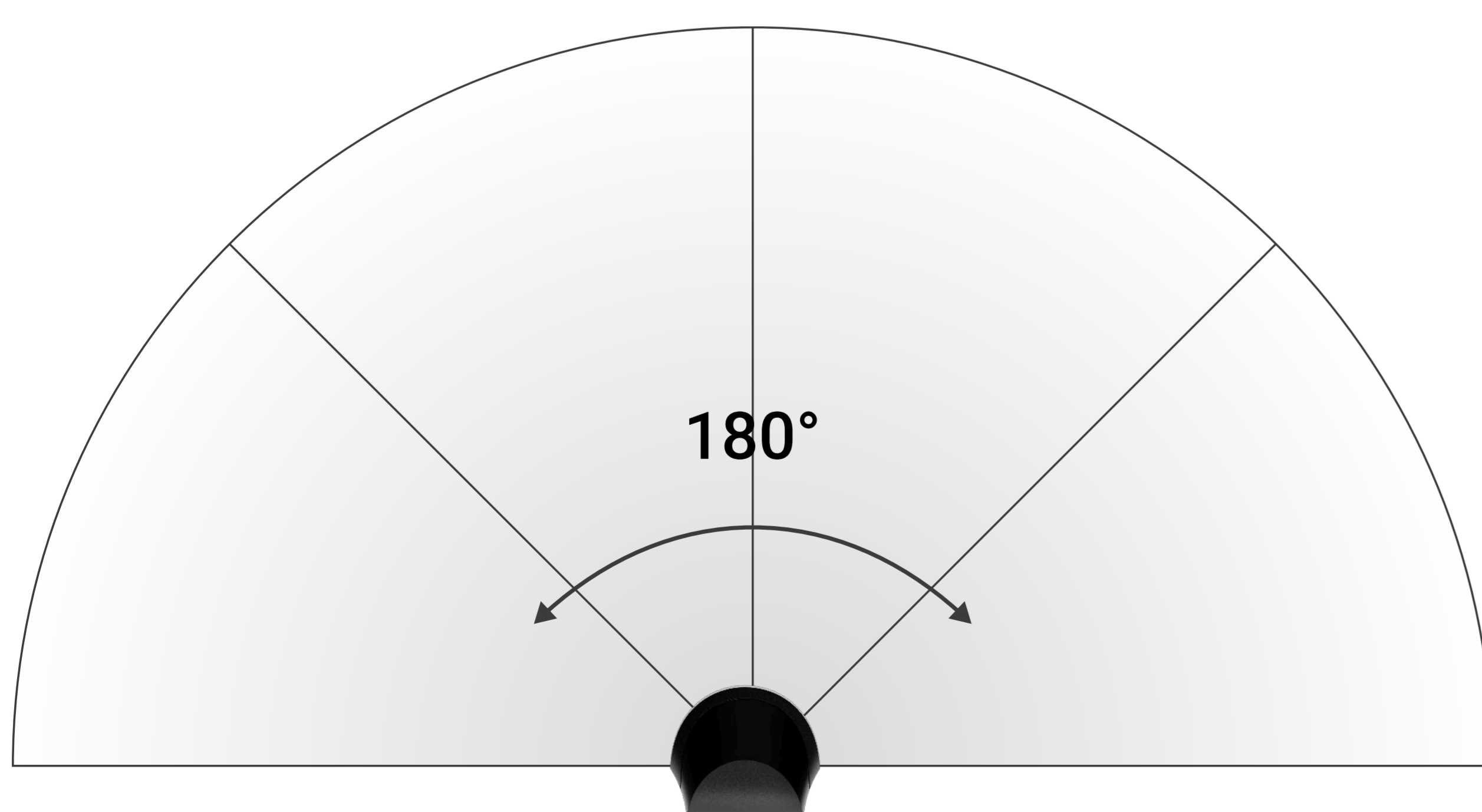


Configuring in the Ajax mobile and desktop apps



Pairing with the security system via QR code

Glass break sensor coverage angle





Jeweller


communication technology



Jeweller is a **two-way wireless protocol** that provides fast and reliable communication between hub and connected devices. The protocol delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Jeweller features **encryption** and **authentication** to prevent forgery, and **polling** to display devices' status in real time. Supporting **up to 1,000 m** of wireless connectivity, Jeweller is ready to protect facilities and deliver **the best user experience** for both end users and installers.

Technical specifications

<p>Compliance with standards</p>	<p>EN 50131 (Grade 2) PD 6662:2017 UL369, ULC S306</p>	<p>Compatibility</p> <p>Hubs all Ajax hubs</p> <p>Range extenders all Ajax radio signal range extenders</p>
<p>Communication with control panel and range extenders</p>	<p> Jeweller communication technology</p> <p>Frequency bands 866.0 – 866.5 MHz 868.0 – 868.6 MHz 868.7 – 869.2 MHz 905.0 – 926.5 MHz 915.85 – 926.5 MHz 921.0 – 922.0 MHz Depends on the region of sales</p> <p>Maximum effective radiated power (ERP) ≤ 20 mW</p>	<p>Detection</p> <p>Sensing element electret microphone</p> <p>Glass break detection distance up to 9 m</p> <p>Glass break detection angles horizontal – 180° vertical – N/A</p> <p>Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p>

<p>Communication with control panel and range extenders</p>	<p>Communication range up to 1,000 m In an open space</p> <p>Polling interval 12–300 sec Adjusted by PRO or user with admin rights in the Ajax app</p> <p>Protection against forgery Device authentication</p>	<p>Detection</p>	<p>False alarm protection DualTone Two-factor glass break verification software algorithm: by low and high frequencies</p> <p>Third-party detector connection wired detector with the normally closed (NC) contact type</p>
<p>Power supply</p>	<p>Battery type 1 × CR123A Pre-installed</p> <p>Battery life up to 7 years</p>	<p>Installation</p>	<p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Ingress protection IP50</p>
<p>Enclosure</p>	<p>Colours white, black</p> <p>Dimensions Ø 20 × 90 mm</p> <p>Weight 30 g</p>	<p>Complete set</p>	<p>GlassProtect Jeweller 1 × CR123A Pre-installed SmartBracket Installation kit External contact for NC detector Quick Start Guide</p>