

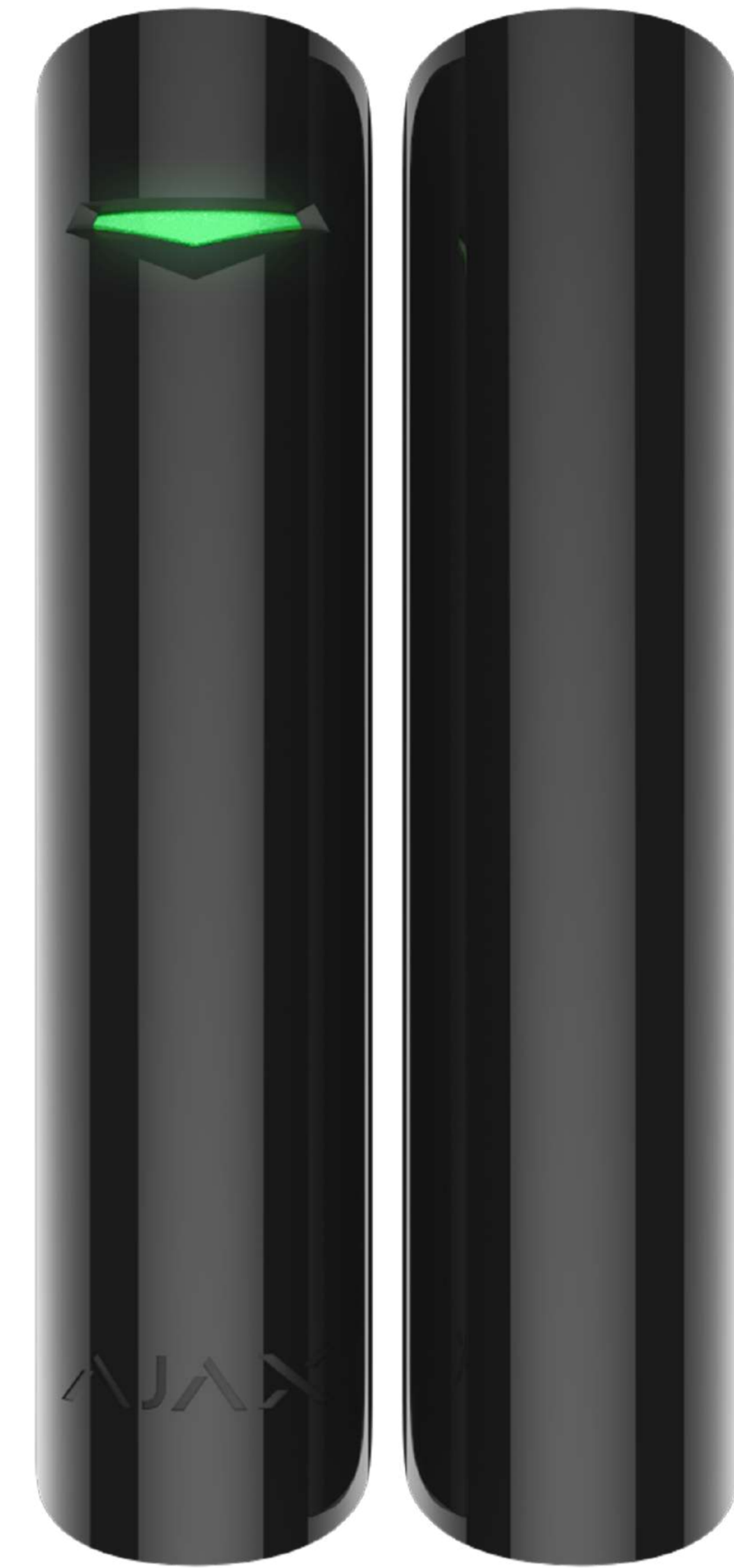
DoorProtect Jeweller

Wireless indoor opening detector

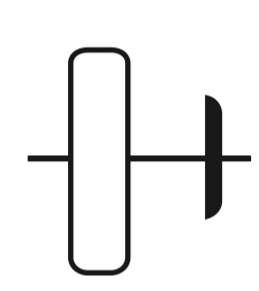


An Ajax hub is required for operation.
Find the detailed information on the device at the link:

<https://ajax.systems/support/devices/doorprotect/>



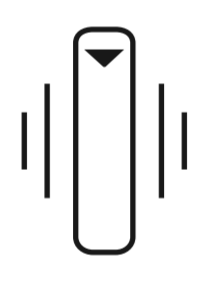
Key features



More installation options with two magnets of different size



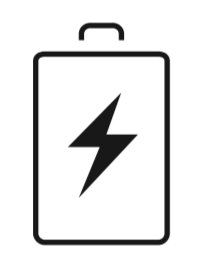
The reed switch with a resource of 2,000,000 openings



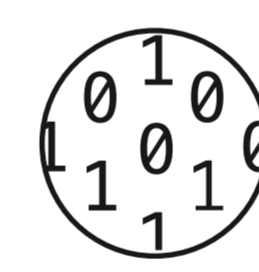
Protected against reed switch chattering



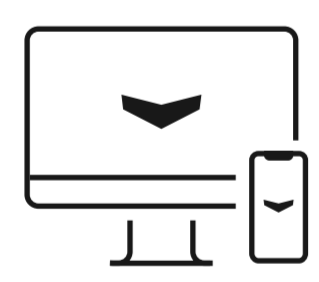
Additional NC input for connecting a third-party detector



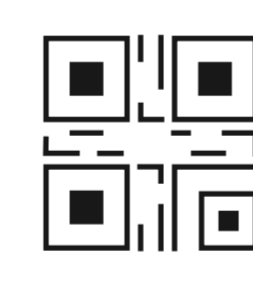
Up to 7 years of operation on pre-installed battery



Up to 1,200 m of two-way encrypted wireless communication



Remote control and setup via the app




Pairing via QR code

Jeweller communication technology

Jeweller is a **two-way wireless protocol** that provides fast and reliable communication between hubs and 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 1,200 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</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>Communication range up to 1,200 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>Sensing element 1 × reed switch</p> <p>Opening sensors resource 2,000,000 openings</p> <p>Third-party detector connection wired detector with the normally closed (NC) contact type</p> |

| | |
|---|---|
| <p>Power supply</p> <p>1 × CR123A, 3 V Pre-installed</p> <p>up to 7 years of battery life</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 29 g</p> <p>Tampering alarm</p> | <p>Complete set</p> <p>DoorProtect Jeweller 2 magnets (small and large) 1 × CR123A (pre-installed) SmartBracket Installation kit External contact for NC detector Quick Start Guide</p> |