

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/





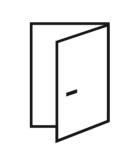


Key features

- More installation options with two magnets of different size
 - Protected against reed switch chattering
- Up to 7 years of operation on preinstalled battery



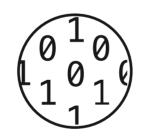
Remote control and setup via the app



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



Additional NC input for connecting a third-party detector



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



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

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017	Compatibility	Hubs all Ajax hubs
			Range extenders
			all Ajax radio signal range
			extenders
Communication with	Jeweller	Detection	Sensing element
control panel and	communication		1 × reed switch
range extenders	technology		
			Opening sensors resource
	Frequency bands		2,000,000 openings
	866.0 - 866.5 MHz		
	868.0 - 868.6 MHz		Third-party detector
	868.7 - 869.2 MHz		connection
	905.0 - 926.5 MHz		wired detector with the
	915.85 - 926.5 MHz		normally closed (NC)
	921.0 - 922.0 MHz		contact type
	Depends on the region		7 1
	of sales		
	Maximum effective		
	radiated power (ERP)		
	≤ 20 mW		
	Communication range		
	up to 1,200 m		
	In an open space		
	Polling interval		
	12-300 sec		
	Adjusted by PRO or user		
	with admin rights in the		
	Ajax app		
	Protection against		
	forgery		
	roigery		

Power supply	1 × CR123A, 3 V	Installation	Operating temperature
	Pre-installed		range
			from -10°C to +40°C
	up to 7 years of		
	battery life		Operating humidity
			up to 75%
			Ingress protection
			IP50
Enclosure	Colours	Complete set	DoorProtect Jeweller
	white, black		2 magnets
			(small and large)
	Dimensions		1 × CR123A (pre-installed)
	Ø 20 × 90 mm		SmartBracket
			Installation kit
	Weight		External contact for NC
	29 g		detector
	23 g		
	• • I		Quick Start Guide
	Tampering alarm		