

DoorProtect Plus Fibra

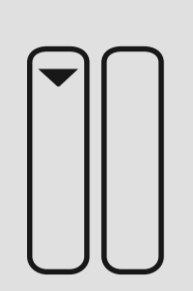
Wired indoor opening detector with shock and tilt sensor



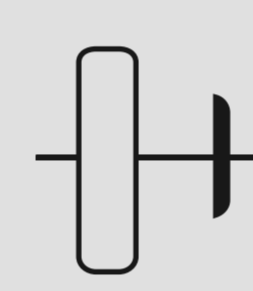
The device is compatible only with hubs supporting Fibra protocol. Find the detailed information by QR code or the link:

<https://ajax.systems/support/devices/doorprotect-plus-fibra/>

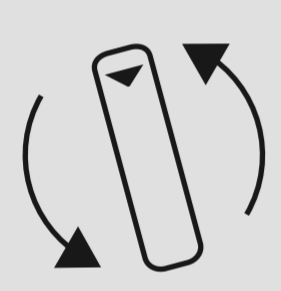
DoorProtect Fibra is the device of the new Fibra wired product line. Such devices can only be purchased, installed and administered by accredited Ajax partners.



Two reed switches to use magnet from left or right side of the detector



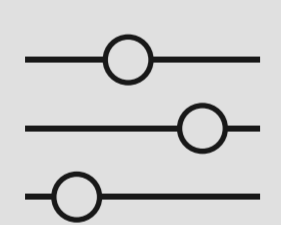
More installation options with two magnets of different size



Built-in accelerometer for shocks and tilt detection



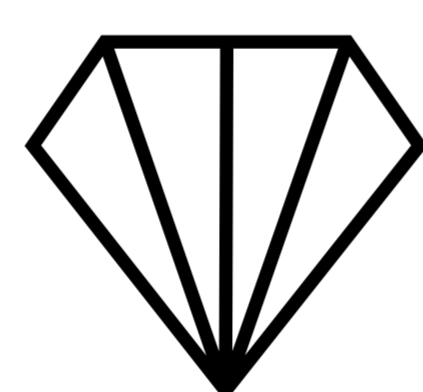
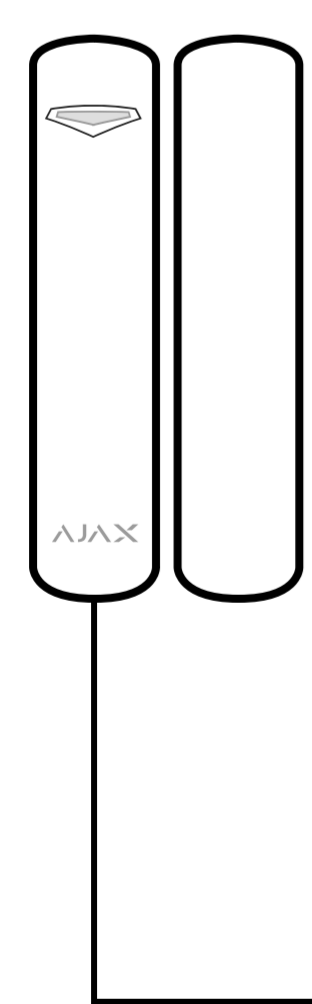
Additional NC input for connecting a third-party detector



Adjustable tilt angle for alarm triggering

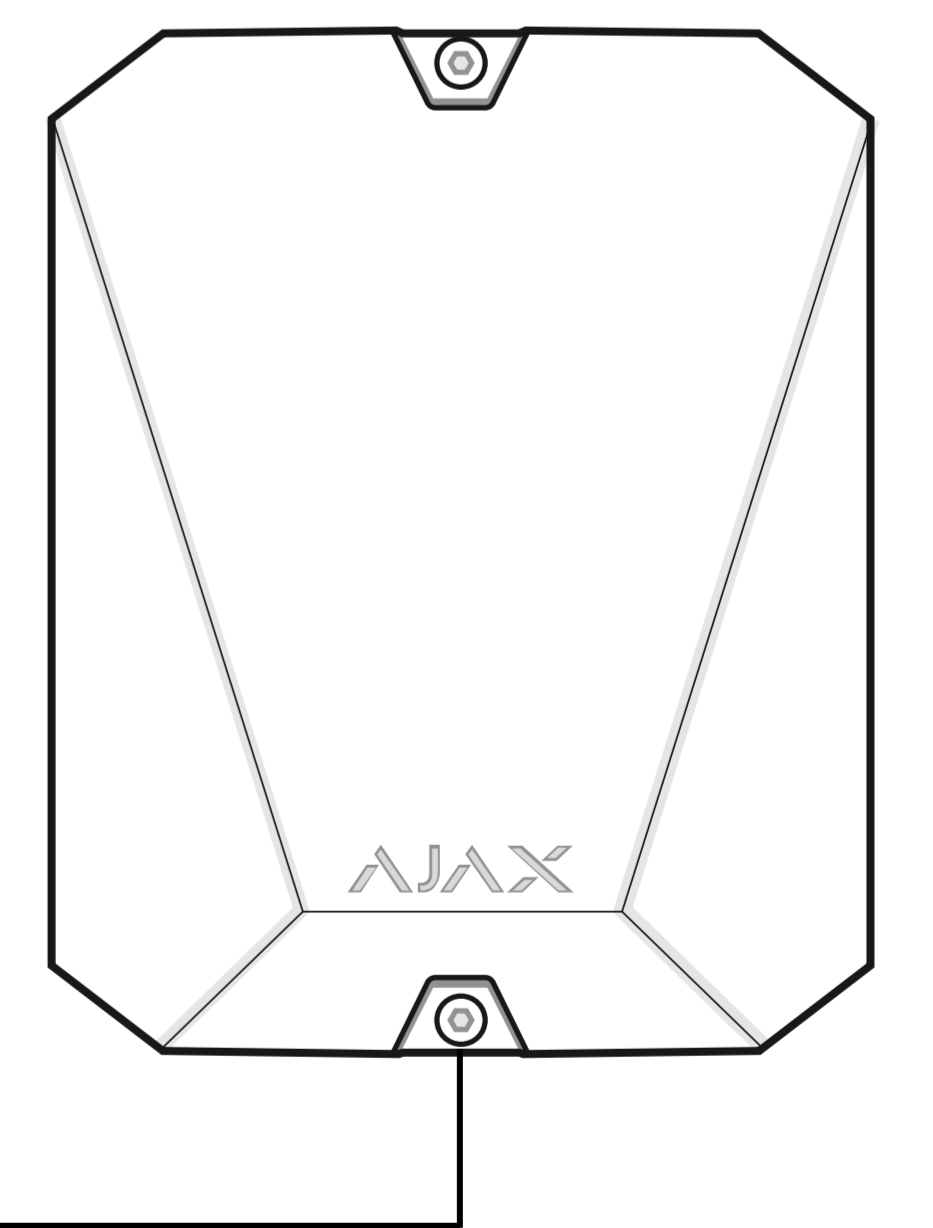


Ignores chattering and single shocks to avoid false alarms



Fibra

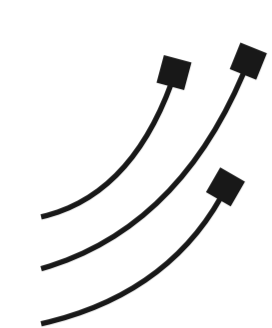
communication technology



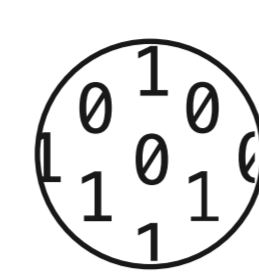
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device's status in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver **the best user experience** for both end users and installers.

System features



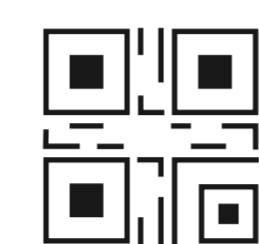
Bus connection with hub



Up to 2,000 m of two-way encrypted communication

12–300
sec

Hub polls connected devices with the lowest possible frequency



Pairing via QR code or bus scanning

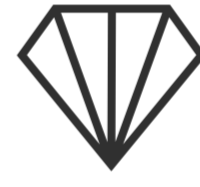


Configuring via a smartphone or desktop app



Tampering alarm notification

Technical specifications

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017</p>	<p>Compatibility</p> <p>Hubs Hub Hybrid (2G) Hub Hybrid (4G)</p> <p>Range extenders no</p>
<p>Opening detection</p> <p>Sensing elements Two reed switches Accelerometer</p> <p>Opening sensors resource 2,000,000 openings</p> <p>Shock sensor sensitivity 3 levels Set by admin in the app</p> <p>Option to ignore single shocks Available Set by admin in the app</p>	<p>Opening detection</p> <p> Fibra communication technology</p> <p>Communication range up to 2,000 m with U/UTP cat.5 4×2×0,51 cable</p> <p>Polling interval 12–300 sec Set automatically</p>

Opening detection	<p>Tilt sensor activation threshold from 5° to 25° Set by admin in the app</p> <p>Additional detector connection Wired detector with the NC contact type</p>		
Power supply	24 V $\overline{=}$, up to 50 μ A	Installation	<p>Operating temperature range from -10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Ingress protection IP50</p>
Casing	<p>Colour white, black</p> <p>Dimensions 90.5 × 21 × 18.5 mm</p> <p>Weight 54 g</p> <p>Tampering alarm yes</p>	Complete set	<p>DoorProtect Plus Fibra</p> <p>Big magnet</p> <p>Small magnet</p> <p>Installation kit</p> <p>Quick Start Guide</p>