

# DoorProtect Plus Fibra

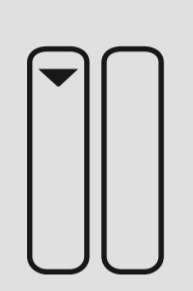
Wired indoor opening detector with shock and tilt sensor



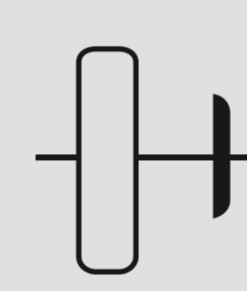
The device is compatible only with hubs supporting Fibra protocol. Find the detailed information via QR code or at the link:

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

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



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



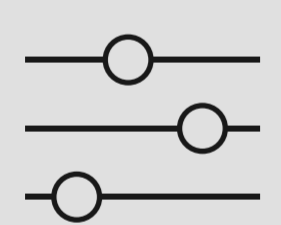
More installation options with two magnets of different size



Built-in accelerometer for shocks and tilt detection



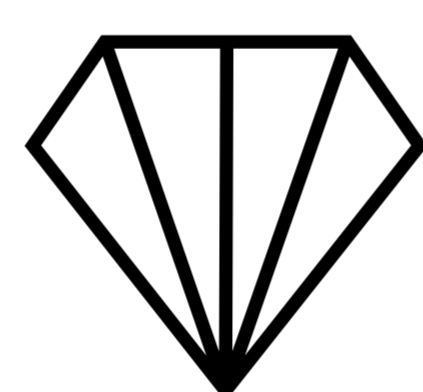
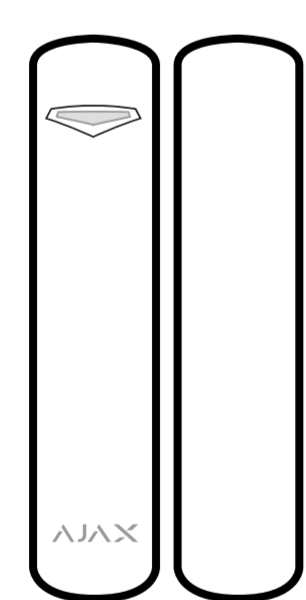
Additional input for connecting a third-party detector with the NC contact type



Adjustable tilt angle for alarm triggering

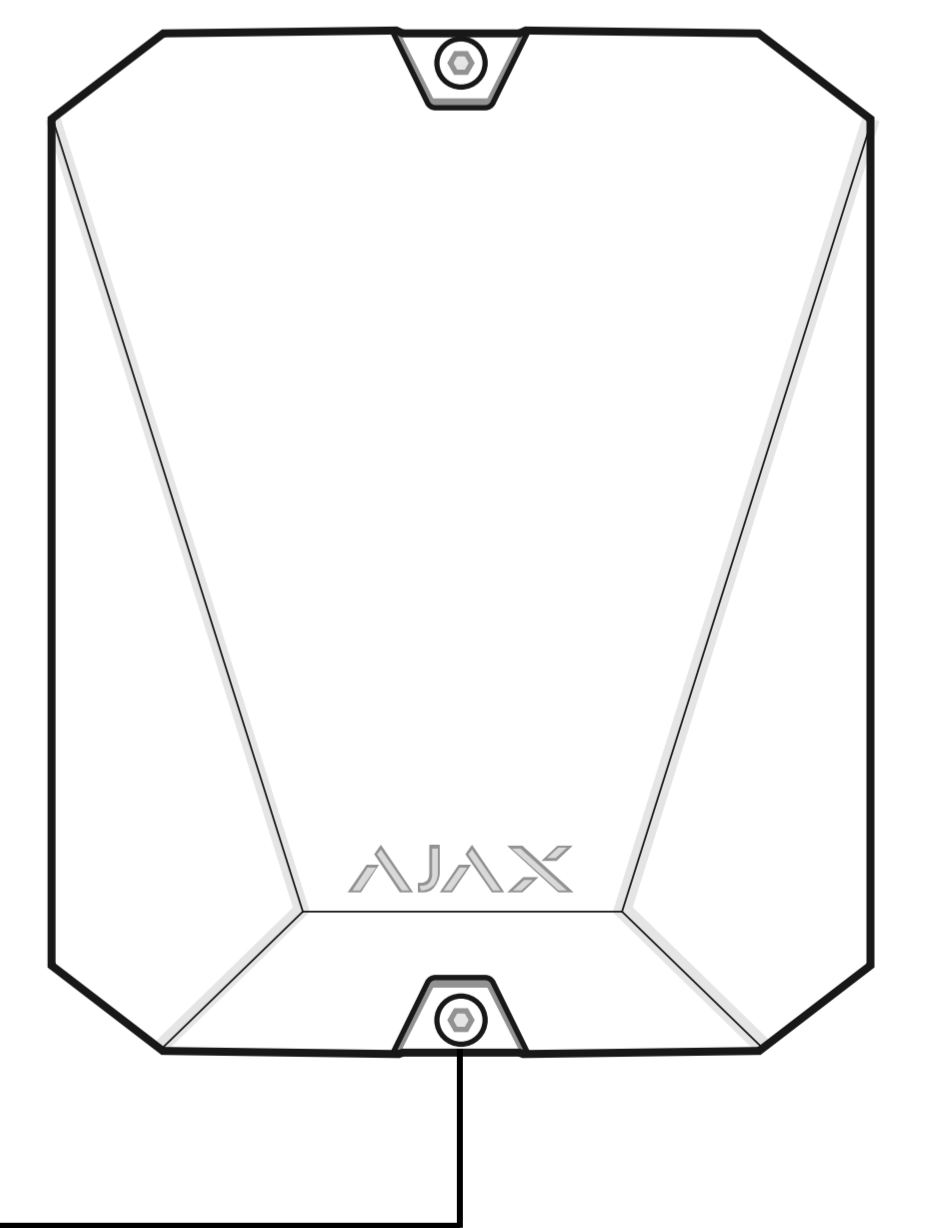


Ignores chattering and single shocks to avoid false alarms



## Fibra

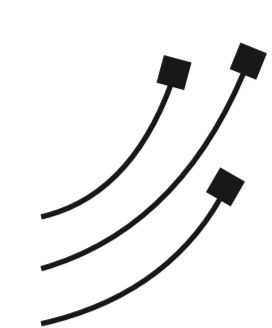
### communication technology



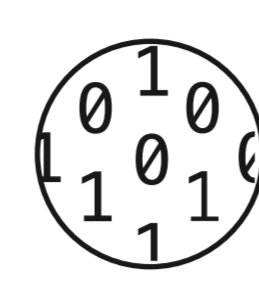
**Fibra** is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device 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



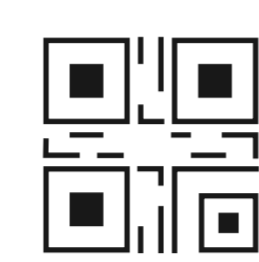
Connecting to the hub via bus method



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

12–300  
sec

Adjustable polling interval



Adding to the security system via QR code or bus scanning

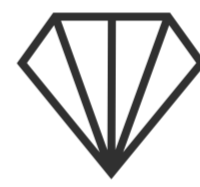


Remote configuring via the smartphone or desktop app



Tampering alarm notifications

# Technical specifications

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017</p>	<p>Compatibility</p> <p><b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)</p> <p><b>Range extenders</b> no</p>
<p>Detection</p> <p><b>Sensing elements</b> Two reed switches Accelerometer</p> <p><b>Opening sensors resource</b> 2,000,000 openings</p> <p><b>Shock sensor sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Option to ignore single shocks</b> Adjusted by PRO or user with admin rights in the Ajax app</p>	<p>Communication with control panel</p> <p> <b>Fibra communication technology</b></p> <p><b>Communication range</b> up to 2,000 m With U/UTP cat.5, 4x2x0.51 cable</p> <p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in the Ajax app</p>

<p>Detection</p> <p><b>Tilt sensor activation threshold</b> from 5° to 25° Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Additional detector connection</b> Wired detector with the NC contact type</p>	<p>Installation</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>Power supply</p> <p>24 V<math>\overline{=}</math>, up to 55 <math>\mu</math>A</p>	<p>Complete set</p> <p>DoorProtect Plus Fibra Big magnet Small magnet Installation kit Quick Start Guide</p>
<p>Enclosure</p> <p><b>Colour</b> white, black</p> <p><b>Dimensions</b> 90.5 × 21 × 18.5 mm</p> <p><b>Weight</b> 54 g</p> <p><b>Tampering alarm</b></p>	