

# DoorProtect Fibra

Wired indoor opening detector



2  
GRADE  
EN 50131

PD 6662  
2017

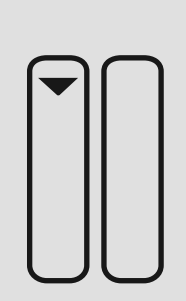
INCERT



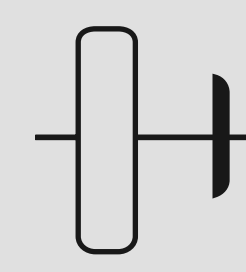
The device is compatible only with hubs supporting Fibra protocol. Find the detailed information via QR code or at the link:

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

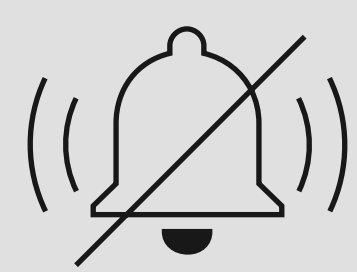
DoorProtect Fibra is the device of the new Fibra wired product line. Such devices can only be purchased, installed and administered by accredited Ajax Systems partners.



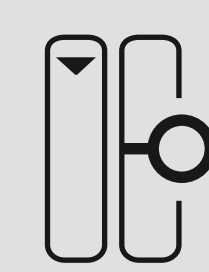
Two reed switches to use magnet from left or right side of the detector



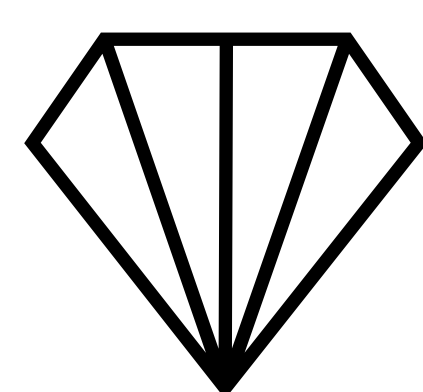
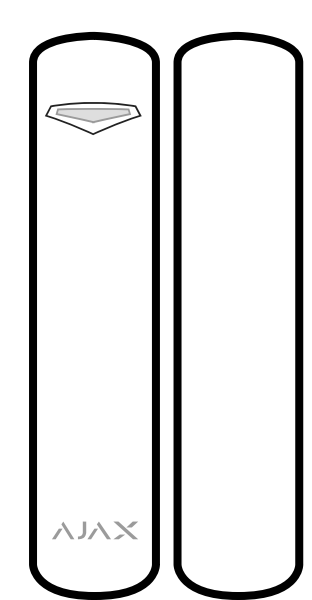
More installation options with two magnets of different size



Protected from false alarms caused by vibration and chattering

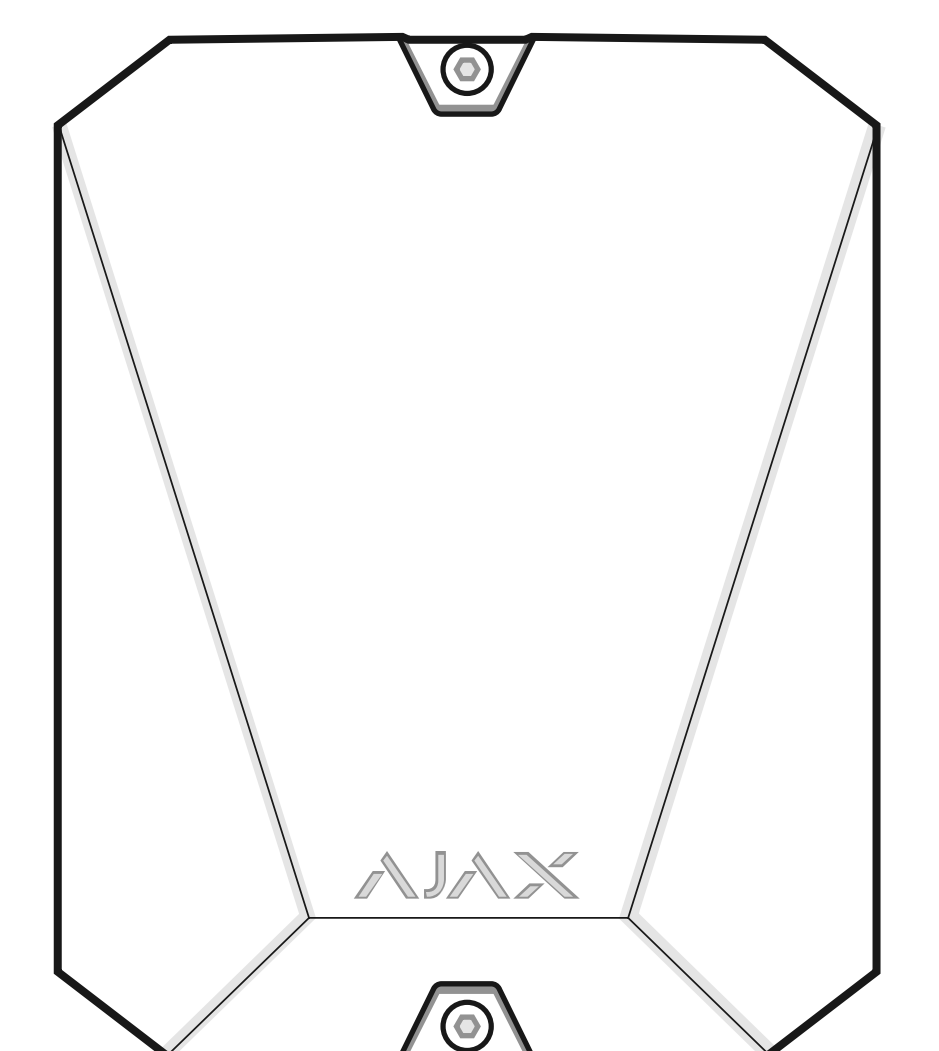


Additional input for connecting a third-party detector with the NC contact type



## Fibra

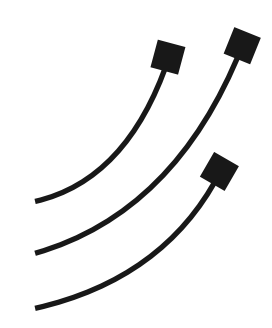
### communication technology



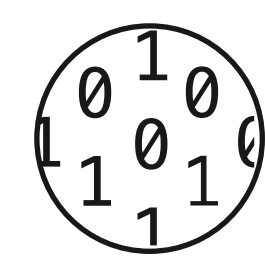
**Fibra** is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

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



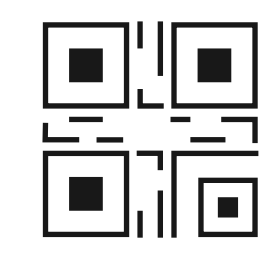
Connecting to the hub via bus method



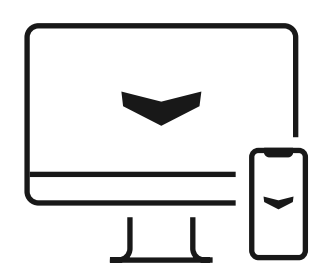
Up to 2,000 m of two-way encrypted communication

12–300  
sec

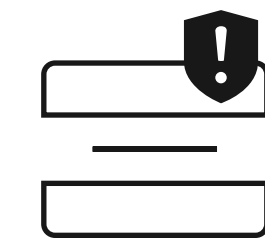
Adjustable polling interval



Adding to the security system via QR code or bus scanning

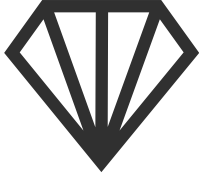


Remote configuring via the smartphone or desktop app



Tampering alarm notifications

# Technical specifications

<p>Compliance with standards</p> <p>EN 50131 (Grade 2) PD 6662:2017 INCERT</p>	<p>Compatibility</p> <p><b>Hubs</b> Hub Hybrid (2G) Hub Hybrid (4G)</p> <p><b>Range extenders</b> no</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 the U/UTP cat.5, 4×2×0.51 cable</p> <p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in the Ajax app</p> <p><b>Protection against forgery</b> Device authentication</p>	<p>Opening detection</p> <p><b>Sensitive elements</b> 2 × Reed switch</p> <p><b>Additional detector connection</b> Wired detector with the NC contact type</p>

<p>Power supply</p> <p>24 V<math>\overline{=}</math>, up to 45 <math>\mu</math>A</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>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>	<p>Complete set</p> <p>DoorProtect Fibra Big magnet Small magnet Installation kit Quick Start Guide</p>