

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:

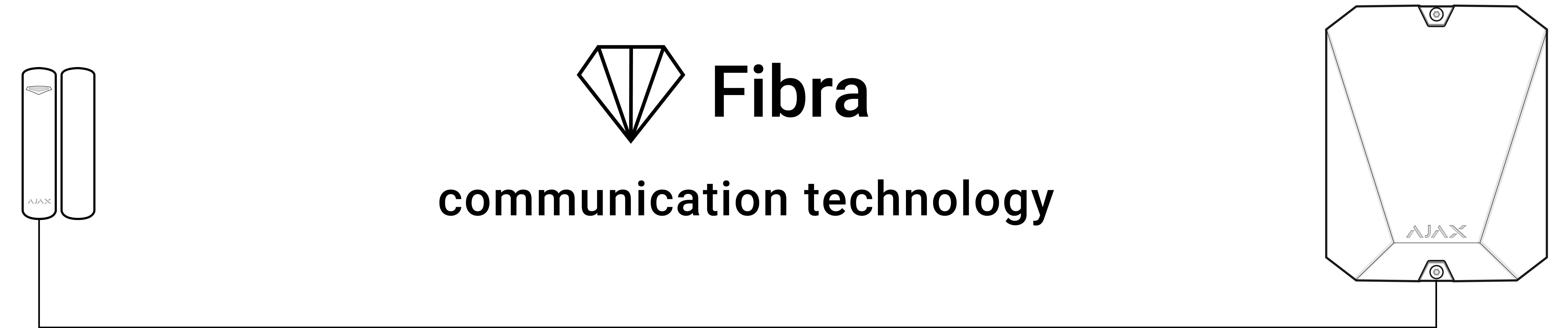
<https://ajax.systems/support/devices/doorprotect-plus-fibra/>



- 2 GRADE EN 50131
- PD 6662 2017
- INCERT
- NFA2P

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.

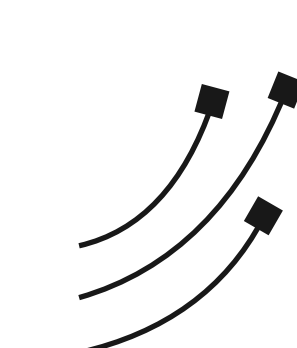
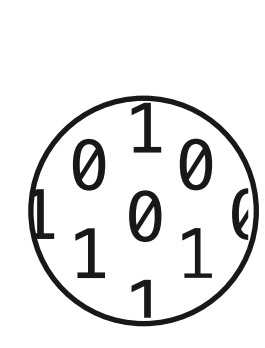
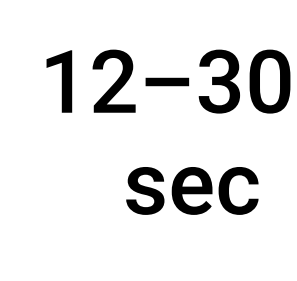
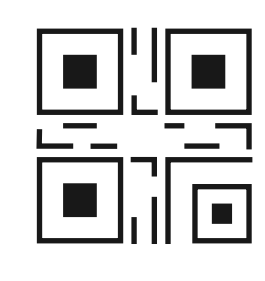
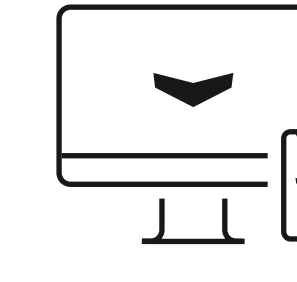
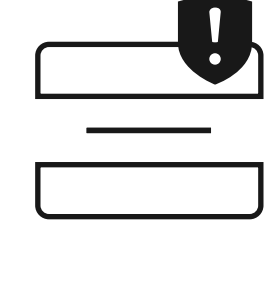
- Two reed switches to use magnet from left or right side of the detector
- More installation options with two magnets of different size
- Built-in accelerometer for shocks and tilt detection
- Additional input for connecting a third-party detector with the NC contact type
- Adjustable tilt angle for alarm triggering
- Ignores chattering and single shocks to avoid false alarms



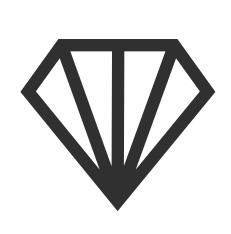
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

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
	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

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 INCERT SSF NFA2P	Compatibility	Hubs Hub Hybrid (2G) Hub Hybrid (4G) Range extenders no
Detection	Sensing elements Two reed switches Accelerometer Shock sensor sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app Option to ignore single shocks Adjusted by PRO or user with admin rights in the Ajax app	Communication with control panel	 Fibra communication technology Communication range up to 2,000 m With U/UTP cat.5, 4×2×0.51 cable Polling interval 12–300 s Adjusted by PRO or user with admin rights in the Ajax app

Detection	Tilt sensor activation threshold from 5° to 25° Adjusted by PRO or user with admin rights in the Ajax app Additional detector connection Wired detector with the NC contact type	Installation	Operating temperature range from –10°C to +40°C Operating humidity up to 75% Protection class IP50
Power supply	24 V$\overline{=}$, up to 55 μA	Complete set	DoorProtect Plus Fibra Big magnet Small magnet Installation kit Quick start guide
Enclosure	Colour white, black Dimensions 90.5 × 21 × 18.5 mm Weight 54 g Tampering alarm		