Tech specs

FIBRA

DoorProtect G3 Fibra

Opening detector with shock, tilt, and magnetic masking sensors

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Devices compatibility

Check ›

Compatibility

Control panels

Hub Hybrid (2G) ›

Hub Hybrid (4G) ›

Communication

◈ Fibra communication technology

Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection.

Key features:

- Two-way communication.
- Advanced anti-sabotage protection.
- Instant notifications.
- Remote configuration via the Ajax apps.

F DoorProtect G3 Fibra   More ⌄

Learn more ›

Line connection

4-core cable

Fibra line length

up to 2,000 meters

When using the U/UTP cat.5 twisted pair cable.

Calculate the line length at the facility ›

Encrypted communication

Detection

Sensitive elements	Reed switches
1 accelerometer 1 magnetic masking sensor 2 reed switches	
Protection against reed switch chattering	
The detector ignores vibrations lasting up to 0.15 s.	The magnet can be installed to the left or right side of the detector.
Input to connect an additional detector	Additional detector connection

Wired detector with the normally closed (NC) contact type.

How to connect a third-party wired detector ›

Shock sensor sensitivity

3 levels

Adjusted by a PRO or a user with admin rights in the Ajax app.

Option to ignore single impact

Adjusted by a PRO or a user with admin rights in the Ajax app.

Tilt sensor activation threshold

from 5° to 25°

Adjusted by a PRO or a user with admin rights in the Ajax app.

Tilt and shock sensitivity

Spacers

2 pcs.

Are needed to install the detector or the magnet on a metal surface, as they help to reduce the distance between the detector and the magnet. You can use one or two spacers at once.

Chime

When the system is disarmed, the siren makes a special sound to notify that the opening detectors are triggered.

Learn more ›

Recommendations

Do not install the detector using both magnets at the same time.
The detector recognizes only one magnet on one side of the detector — left or right.

The device is designed for indoor use only.

Sabotage protection

Tamper alarm

2 tampers

Notifications on attempts to detach the detector from the surface or open the front lid.

Learn more ›

Magnetic masking sensor

The device detects an attempt to mask the main magnet of DoorProtect G3 Fibra with a fraudulent magnet.

Holding screw

to secure the detector on the mounting panel

Protection against spoofing

device authentication

Power supply

Fibra line power supply

5–30 V⎓, up to 35 mW

The detector is powered by the hub.

Enclosure

Detector dimensions

102 × 21 × 19.2 mm

Magnet dimensions

102 × 21 × 19.2 mm

Detector weight

62 g

Operating temperature range

from −10 °C to +40 °C

Operating humidity

up to 75%

19.2 mm

Colours

Black   White

Complete set

DoorProtect G3 Fibra

Magnet

Spacers — 2 pcs.

Installation kit

Quick start guide

Additional information

Compliance with standards   **User manual**

Learn more ›

Learn more ›

Warranty

24 months

Learn more ›

★ Trustpilot
★★★★★
Rating 4.6

2,500,000
people worldwide under Ajax protection

Products

Superior

Fibra

Intrusion protection

Video surveillance

Software

For users

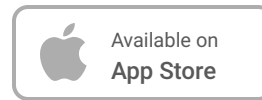PRO Desktop

Ajax Translator

Scenarios

Fire detection

Water leak prevention

Comfort & Productivity

Available on
App Store

Available on
Google Play

Solutions

Customer stories

Ajax ecosystem integrations

Ajax Ready products

Solutions by facility type

Why Ajax

How it works

Support

Manuals and articles

Compliance with standards

Tools

Battery life calculator

Radio communication range calculator

Fibra power supply calculator

Case configurator

Switches and outlets configurator

Ajax devices compatibility

All web tools

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