

## Tech specs

 SUPERIOR

# Superior DoorProtect G3 Fibra

Opening detector with shock, tilt, and magnetic masking sensors



- Device compatibility

Check

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.

**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

1 accelerometer  
1 magnetic masking sensor  
2 reed switches

### Protection against reed switch chattering

The detector ignores vibrations lasting up to 0.15 s.

### Input to connect an additional detector

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

How to connect a third-party wired detector

### Shock sensor sensitivity

3 levels

### Reed switches



The magnet can be installed to the left or right side of the detector.

### Additional detector connection

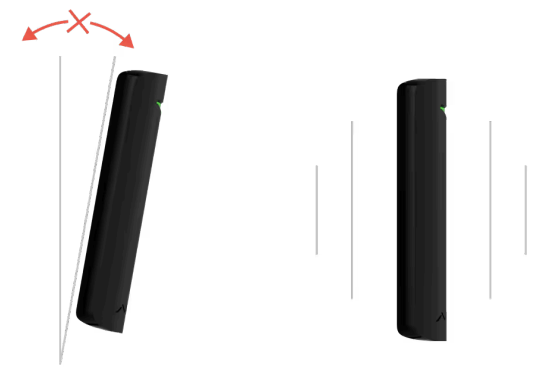


### Tilt and shock sensitivity

Adjusted by a PRO or a user with admin rights in the Ajax app. The detection radius depends on the material type:

- **Framed glass window** — 1.2 m (high sensitivity level), 1 m (low sensitivity level).
- **Wooden plate** — 1.2 m (high sensitivity level), 1 m (low sensitivity level).
- **Concrete plate** — 0.75 m (high sensitivity level), 0.5 m (low sensitivity level).

The smoother and cleaner the detection surface is, the better the detection radius is.



### 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.

## 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.

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## 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 Superior

DoorProtect G3 Fibra with a fraudulent magnet.

### **Holding screw**

to secure the detector on the mounting panel

### **Protection against spoofing**

device authentication

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## **Power supply**

### **Fibra line power supply**

5–30 V<sub>DC</sub>, up to 35 mW

The detector is powered by the hub.

### **Detector's nominal operating voltage**

24 V<sub>DC</sub>

### **Quiescent detector's current consumption at nominal voltage**

120 µA



Maximum detector's current consumption at nominal voltage

2 mA

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## Enclosure

### Detector dimensions

102 × 21 × 19.2 mm

### Magnet dimensions

102 × 21 × 19.2 mm

### Weight of the white device

62 g

### Weight of the black device

60.7 g

### Operating temperature range

from -10 °C to +40 °C



## Operating humidity

up to 75%

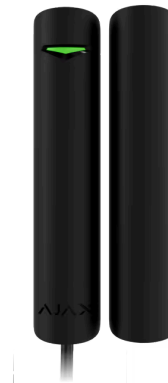
## Protection class

IP30, IK04

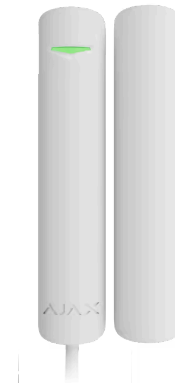
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## Colours

Black



White



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## Complete set

Superior DoorProtect G3 Fibra

Magnet

Spacers — 2 pcs.

Installation kit

Quick start guide

## Certification and compliance with standards



Superior DoorProtect G3 Fibra



### Additional information

### Compliance with standards

### User manual

[Learn more](#) >

[Learn more](#) >

### Warranty

24 months

[Learn more](#) >

## Products

Intrusion protection

Video surveillance

Fire and life safety

Comfort and automation

All products

Services

System integrations

Ajax Ready products

Fibra wired protocol

Ajax radio protocols

## Software

For users

Ajax PRO: Tool for Engineers

Ajax Desktop

Ajax PRO Desktop

Ajax Translator PRO

Ajax Cloud Signaling

Scenarios



Available on  
**App Store**



Available on  
**Google Play**

## Solutions

Customer stories

Solutions by facility type

Commercial fire detection and alarm system

Upgrades and retrofits

Why Ajax

How it works

## Support

Manuals and articles

Compliance with standards

## Tools

Ajax device compatibility

Video storage calculator

Video device calculator

Battery life calculator

Radio communication range calculator

Switches and outlets configurator

Fibra power supply calculator

All web tools

## Connecting to CMS

Intrusion alarm monitoring

Video monitoring and visual alarm verification

## Company

Blog

About us

Press page

Events

Career

Ajax Next

Students at CES 2026

Reviews and feedback

## For partners

For partners

Ajax Academy

Partner Portal

## Subscribe

Subscribe to our emails about secure life. No spam.

**Subscribe**

## Request extra help

✉ support@ajax.systems

📧 @AjaxSystemsSupport\_Bot

💬 Send a request



**4,000,000**

people worldwide under Ajax protection

**i** Report mistake

**?** Suggest a feature



Audio alarm verification