

Superior DoorProtect Plus Fibra

Wired opening detector with shock and tilt sensors



Compatibility

Compatible hub models

[Hub Hybrid \(2G\) >](#)

[Hub Hybrid \(4G\) >](#)

Communication

[icon] Fibra communication technology

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

It 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

Fibra line length

up to 6,500 ft

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

[Calculate the line length at the facility >](#)

Encrypted communication

Detection

Sensing elements

1 × accelerometer

2 × reed switch

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

Additional detector connection

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

[Learn more](#)

Shock sensor sensitivity

3 levels

Adjusted by PRO or 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

Shock sensor sensitivity

Shock sensor sensitivity




Reed switch



Additional detector connection





	shock Enabled by PRO or user with admin rights in the Ajax app. Tilt sensor activation threshold from 5° to 25° Adjusted by PRO or user with admin rights in the Ajax app.	
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	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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Anti-sabotage protection	Tampering alarm Alerts of attempts to detach the detector from the surface or remove the mounting panel. Learn more > Protection against forgery Device authentication
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Power supply	Fibra line power supply 5–30 V $\overline{=}$, up to 24 mW The detector is powered by the control panel. Detector's operating voltage range 5–30 V $\overline{=}$, up to 24 mW The detector is powered by the control panel. Detector's nominal operating voltage 24 V $\overline{=}$ Quiescent detector's current consumption at nominal voltage 0.043 mA Maximum detector's current consumption at nominal voltage 1.55 mA
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<p>Enclosure</p>	<p>Dimensions 90.5 × 21 × 18.5 mm</p> <p>Dimensions 3.56" × 0.83" × 0.73"</p> <p>Weight of the white device 17 g</p> <p>0.60 oz</p> <p>Weight of the black device 15 g 0.53 oz</p> <p>Operating temperature range from −10 °C to +40 °C</p> <p>Operating temperature range from 14 °F to 104 °F</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50, IK04</p> <p>IP30 tested by CNPP according to NFa2P</p>	 <p>Technical drawings of the enclosure showing dimensions: height 90.5 mm, width 21 mm, and depth 18.5 mm.</p>
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<p>Colours</p>	<p>Black</p>  <p>White</p>
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Complete set	Superior DoorProtect Plus Fibra Big magnet Small magnet Installation kit Quick Start Guide
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Additional information

<div>[icon] Compliance with standards</div> <div>Learn more ></div>	<div>[icon] User manual</div> <div>Learn more ></div>
	<div>[icon] Warranty 24 months</div> <div>Learn more ></div>