

## Tech specs

 SUPERIOR

# Superior MotionProtect Fibra

Previously: MotionProtect Fibra

Wired IR motion detector



Device compatibility

Check

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Communication

## 💎 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.
- Instant notifications.
- Remote configuration through an app.

**Learn more** >

### Line connection

4-core cable

### Fibra line length

up to 2,000 meters

When using twisted pair U/UTP cat.5.

**Calculate line length on the facility** >

### Encrypted communication

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### Detection

## Sensing element

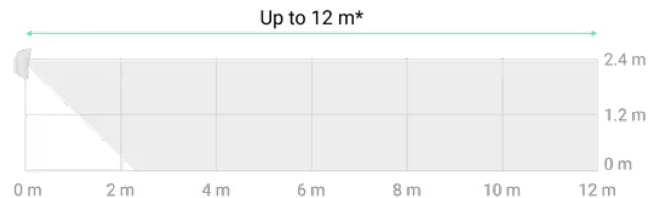
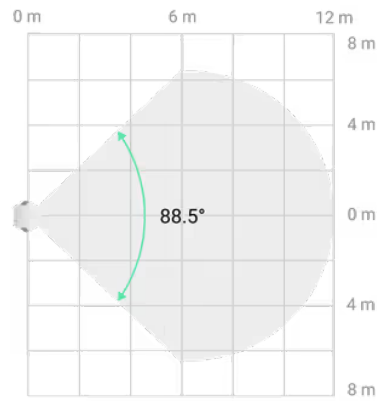
1 × PIR sensor

## Motion detection distance

up to 12 meters\*

When installed at 2.4 meters height.

\* — 10 m according to INCERT (with high sensitivity level)



## Motion detection angles

horizontal — 88.5°

## Motion detection speed

from 0.3 to 2.0 m/s

The direction of the detector lens should be perpendicular to the intended path of entry into the room.

## Sensitivity

3 levels

Sensitivity can be adjusted by PRO or user with admin rights in an Ajax app.

## Pet immunity

up to 20 kg

up to 50 cm height

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## False alarm prevention

SmartDetect

Software algorithm.

## Temperature compensation

Effective motion detection within  $-10^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  range.

## Recommendations

It is recommended to install the detector on 2.4 meter height.  
Device is designed for indoor use only.

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## 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

### Detector's operating voltage range

5–30 V<sub>DC</sub>, up to 180 mW

The detector is powered by the control panel.

### Detector's nominal operating voltage

24 V<sub>DC</sub>

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

70 µA

### Maximum detector's current consumption at nominal voltage

7.5 mA

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## Enclosure

## Dimensions

110 × 67 × 62 mm

## Weight of the black device

75 g

## Weight of the white device

88 g

## Operating temperature range

from -10 °C to +40 °C

## Operating humidity

up to 75%

## Protection class

IP50, IK04



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## Colors

Black

White



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## Complete set

Superior MotionProtect Fibra

SmartBracket mounting panel

Installation kit

Quick start guide

## Certification and compliance with standards



Superior MotionProtect Fibra



## Additional information

Compliance with standards

User manual

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Warranty

24 months

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Rating 4.8

4,500,000  
people worldwide under Ajax protection

Suggest a feature



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