

Tech specs

FIBRA

CombiProtect Fibra

Wired combined IR motion detector and glass break detector with microphone



Devices compatibility

Check >

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 via the app.

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Line connection

4-core cable

Fibra line length

up to 2,000 meters

When using twisted pair U/UTP cat.5.

Calculate line length at the facility >

Encrypted communication

Motion detection

Sensing element

1 × PIR sensor

Motion detection distance

up to 12 meters

When installed at 2.4 meters height.

Motion detection angles

horizontal – 88.5°

vertical – 80°

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 facility.

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°C to $+40^{\circ}\text{C}$ range.

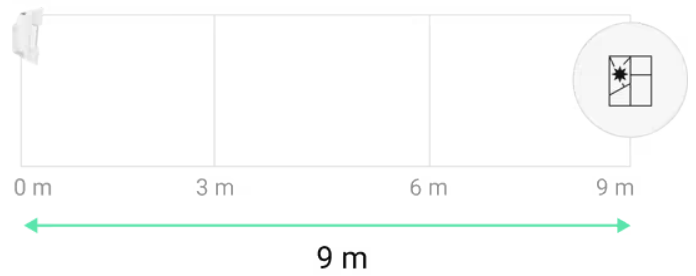
Recommendations

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

Glass break detection

Sensing element

1 × electret microphone



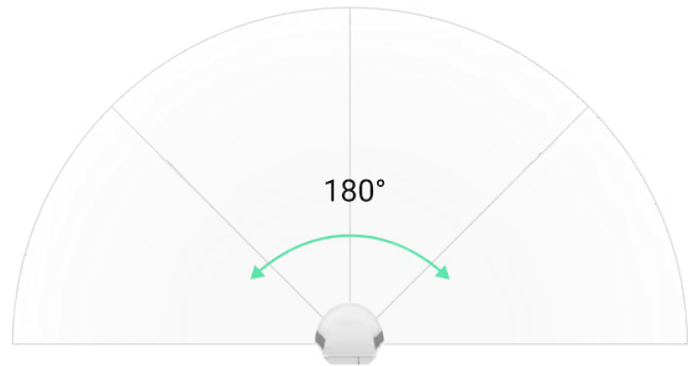
Glass break detection distance

up to 9 meters

Glass break detection angles

horizontal – 180°

vertical – N/A



Sensitivity

3 levels

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

False alarm prevention

DualTone

Two-factor glass break verification software algorithm: by low and high frequencies.

Anti-sabotage protection

Tampering alarm

Alerts of attempts to detach the detector from the surface or remove the mounting panel.

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Protection against forgery

Device authentication

Power supply

Fibra line power supply

5–30 V_{DC}, up to 26 mW

The detector is powered by the control panel.

Enclosure

Dimensions

110 × 65 × 50 mm

Weight

92 g

Operating temperature range

from -10 °C to +40 °C

Operating humidity

up to 75%

Protection class

IP50



Colours

Black

White



Complete set

CombiProtect Fibra

SmartBracket mounting panel

Installation kit

Quick Start Guide

Additional information

Compliance with standards

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User manual

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Warranty

24 months

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Rating 4.6

2,500,000

people worldwide under Ajax protection



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Comfort & Productivity

Software

For users

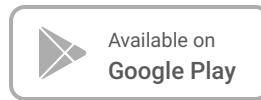
PRO Desktop

Ajax Translator

Scenarios



Available on
App Store



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