AJAX

CombiProtect Fibra

Wired combined indoor motion
and glass break detector.

The device is compatible only with hubs
supporting Fibra protocol. Find the detailed
information by QR code or the link:

📌 https://ajax.systems/support/devices/combiprotect-fibra/

2 GRADE EN 50131

PD 6662 2017

☞ CombiProtect Fibra is the device of the new Fibra wired product line. Such devices can only
be purchased, installed and administered by accredited Ajax partners.

👁 Up to 12 m detection distance and
88.5°/80° viewing angles

🗺 180º Up to 9 m glass break detection distance
with 180° horizontal detection angle

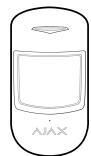🐾 Immunity to pets with a weight of up to
20 kg and height up to 50 cm

🔕 Filter for false alarms caused by dogs
barking or the sound of passing trucks

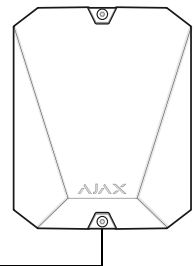📊 SmartDetect software algorithm to
prevent false alarms

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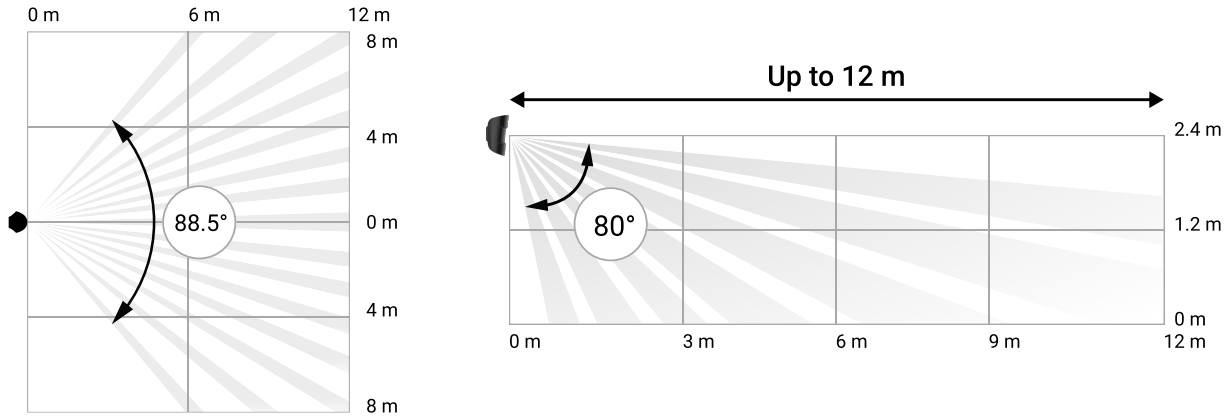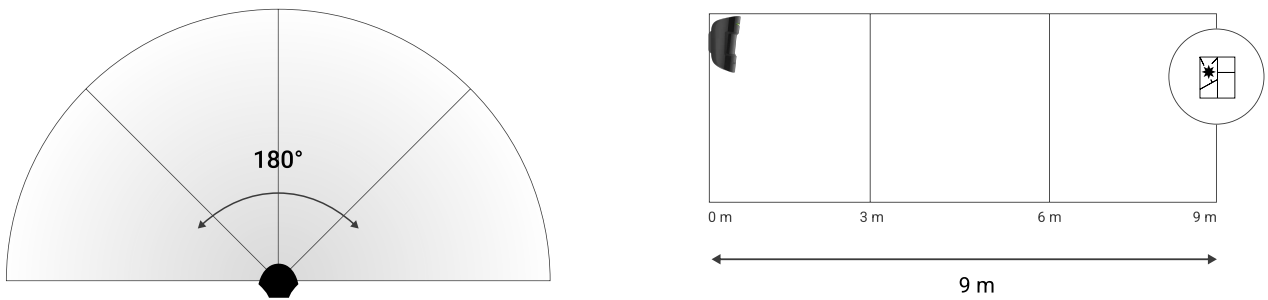algorithm: by low and high frequencies

◇ Fibra

communication technology

Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices.
Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users
know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device's status
in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver
the best user experience for both end users and installers.

PIR sensor coverage angles

Glass break sensor coverage angle

System features

Connecting to a hub via bus method

12–300 sec Adjustable polling interval

Configuring via a smartphone or desktop app

Up to 2,000 m of two-way encrypted communication

Pairing with security system via QR code or bus scanning

Tampering alarm notification

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017	Compatibility	**Hubs** Hub Hybrid (2G) Hub Hybrid (4G) **Range extenders** no
Communication with control panel	◇ **Fibra communication technology** **Communication range** up to 2,000 m with U/UTP cat.5, 4×2×0.51 cable **Polling interval** 12–300 s Adjusted by PRO or user with admin rights in the Ajax app	Detection	**Sensing elements** PIR sensor Electret microphone **Motion detection distance** up to 12 m **Motion detection angles** horizontal — 88.5° vertical — 80° **Pet immunity** weight: up to 20kg height: up to 50 cm SmartDetect software algorithm filtering false alarms **Glass break detection distance** up to 9 m **Horizontal glass break detection angle** 180° **Sensitivity** 3 levels Adjusted by PRO or user with admin rights in the Ajax app individually for motion and glass break sensors

Power supply	24 V⎓, up to 60 µA	Installation	**Operating temperature range** from −10°C to +40°C **Operating humidity** up to 75% **Protection class** IP50
Enclosure	**Colour** white, black **Dimensions** 110 × 67 × 62 mm **Weight** 85 g **Tampering alarm** yes	Complete set	CombiProtect Fibra SmartBracket mounting panel Installation kit Quick Start Guide