GlassProtect Fibra

Wired indoor glass break detector.



2 GRADE EN 50131

PD 6662 2017

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

https://ajax.systems/support/devices/glassprotect-fibra/

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

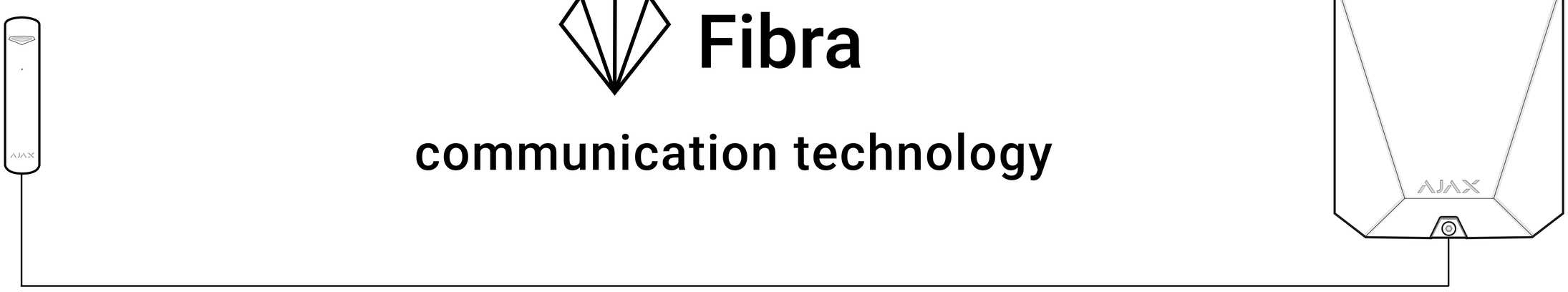
180º

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

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

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

Additional input for connecting a third-party detector with the NC contact type



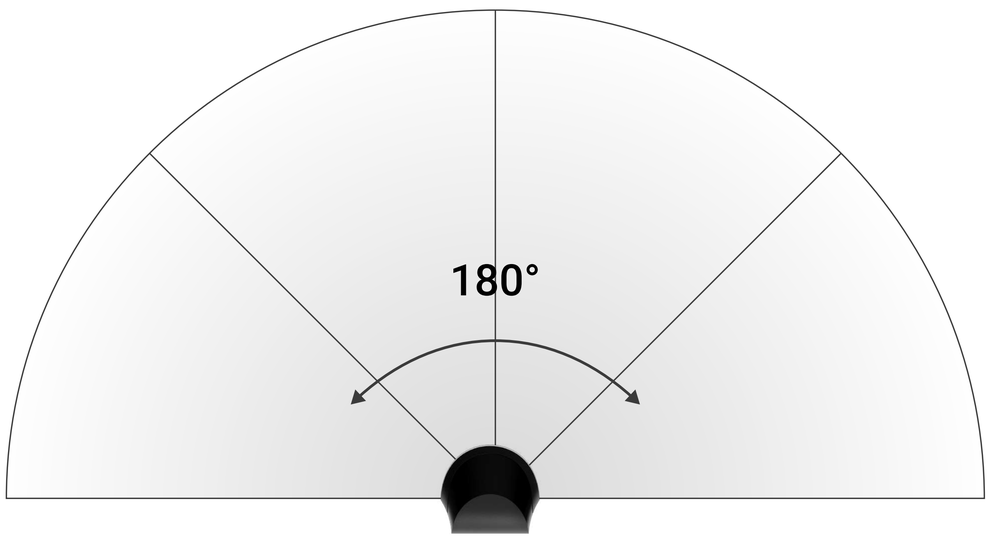
Fibra

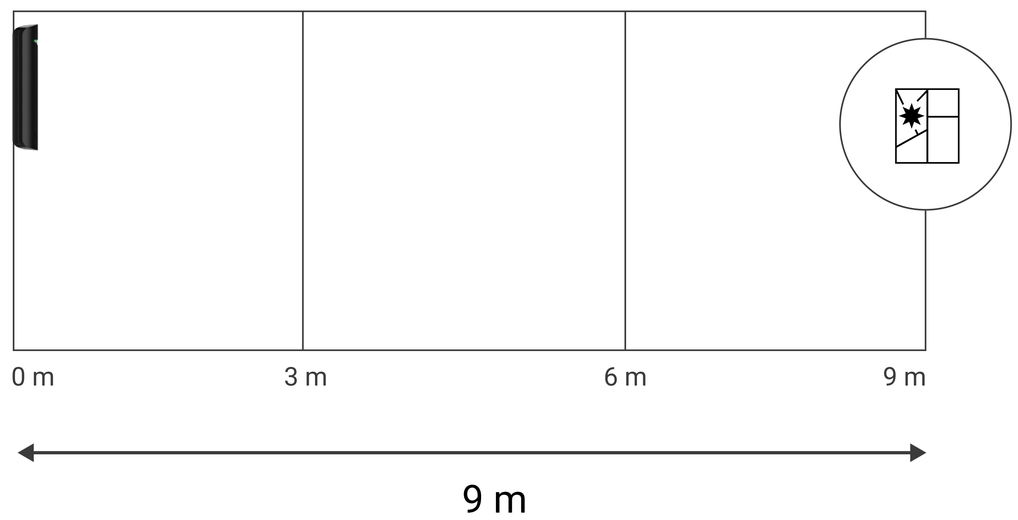
communication technology

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 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.

Glass break sensor viewing angle





System features

Connecting to the hub via bus method

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

12–300 sec — Adjustable polling interval

Adding to the security system via QR code or bus scanning

Remote configuring via the smartphone or desktop app

Tampering alarm notifications

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017
Communication with control panel	Fibra communication technology
Compatibility	**Hubs** Hub Hybrid (2G) Hub Hybrid (4G) **Range extenders** no
Detection	**Sensitive elements** Electret microphone

Communication with control panel	**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
Power supply	24 V⎓, up to 45 μA
Enclosure	**Colour** white, black **Dimensions** 90.5 × 21 × 18.5 mm **Weight** 20 g **Tampering alarm**
Detection	**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 **False alarm protection** DualTone two-factor glass break verification algorithm **Additional detector connection** Wired detector with the NC contact type
Installation	**Operating temperature range** from –10°C to +40°C **Operating humidity** up to 75% **Protection class** IP50
Complete set	GlassProtect Fibra Installation kit Quick Start Guide